

NATIONAL TURFGRASS EVALUATION PROGRAM

The National Turfgrass Evaluation Program (NTEP) is designed to develop and coordinate uniform evaluation trials of turfgrass varieties and promising selections in the United States and Canada. Test results can be used by national companies and plant breeders to determine the broad picture of the adaptation of a cultivar. Results can also be used to determine if a cultivar is well adapted to a local area or level of turf maintenance.

Briefly, the NTEP is a self-supporting, non-profit program, sponsored by the Beltsville Agricultural Research Center and the National Turfgrass Federation, Inc. Program policy is made by a policy committee consisting of one member from each of the four (4) Regional Turfgrass Research Committees in the United States, one member from the Lawn Seed Division of the American Seed Trade Association, one member from the American Sod Producers Association, one member from the United States Golf Association (USGA) Green Section, one member from the Turfgrass Breeders Association, one member from the Golf Course Superintendents Association of America (GCSAA), an executive director and a special projects coordinator. The program does not make variety recommendations. However, the data from tests can be used by extension specialists and others for making recommendations.

The policy committee is responsible for determining program policy including, (1) requirements for submission of entries, (2) scheduling tests, (3) evaluation methods, (4) selecting standard or control test entries, (5) setting entry fees, (6) coordinating tests in their respective regions, (7) establishing guidelines for publication and data distribution and (8) scheduling committee meetings.

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CONTENTS

1993 National Fineleaf Fescue Test - 1994-97 data

LOCATIONS SUBMITTING DATA FOR 1994-97.....1

NATIONAL FINELEAF FESCUE TEST, 1993 - Entries and Sponsors.....2

Table A - 1994-97 Locations, Site Descriptions and Management
Practices in the 1993 National Fineleaf Fescue Test.....3

Table B - Locations and Data Collected in 1994-97.....4

Table 1A - Mean Turfgrass Quality Ratings of Fineleaf Fescue
Cultivars at Twenty-Six Locations (Full Sun) in the U.S.....8

Table 1B - Mean Turfgrass Quality Ratings of Slender Creeping Red Fescue
Cultivars at Twenty-Six Locations (Full Sun) in the U.S.....9

Table 1C - Mean Turfgrass Quality Ratings of Sheep Fescue
Cultivars at Twenty-Six Locations (Full Sun) in the U.S.....9

Table 1D - Mean Turfgrass Quality Ratings of Chewings Fescue
Cultivars at Twenty-Six Locations (Full Sun) in the U.S.....10

Table 1E - Mean Turfgrass Quality Ratings of Strong Creeping Red Fescue
Cultivars at Twenty-Six Locations (Full Sun) in the U.S.....11

Table 1F - Mean Turfgrass Quality Ratings of Hard Fescue
Cultivars at Twenty-Six Locations (Full Sun) in the U.S.....11

Table 2A - Mean Turfgrass Quality Ratings of Fineleaf Fescue Cultivars
for Each Month Grown at Twenty-Six Locations (Full Sun) in the U.S.....12

Table 2B - Mean Turfgrass Quality Ratings of Slender Creeping Red Fescue
Cultivars for Each Month Grown at Twenty-Six Locations (Full Sun)
in the U.S.....13

Table 2C - Mean Turfgrass Quality Ratings of Sheep Fescue Cultivars
for Each Month Grown at Twenty-Six Locations (Full Sun) in the U.S.....13

Table 2D - Mean Turfgrass Quality Ratings of Chewings Fescue Cultivars
for Each Month Grown at Twenty-Six Locations (Full Sun) in the U.S.....14

Table 2E - Mean Turfgrass Quality Ratings of Strong Creeping Red Fescue
Cultivars for Each Month Grown at Twenty-Six Locations (Full Sun)
in the U.S.....15

Table 2F - Mean Turfgrass Quality Ratings of Hard Fescue Cultivars
for Each Month Grown at Twenty-Six Locations (Full Sun) in the U.S.....15

Table 3A - Ranking of Mean Turfgrass Quality Ratings of Fineleaf Fescue
Cultivars at Twenty-Six Locations (Full Sun) in the U.S.....16

CONTENTS (Continued)

Table 3B - Ranking of Mean Turfgrass Quality Ratings of Slender Creeping Red Fescue Cultivars at Twenty-Six Locations (Full Sun) in the U.S.....	17
Table 3C - Ranking of Mean Turfgrass Quality Ratings of Sheep Fescue Cultivars at Twenty-Six Locations (Full Sun) in the U.S.....	17
Table 3D - Ranking of Mean Turfgrass Quality Ratings of Chewings Fescue Cultivars at Twenty-Six Locations (Full Sun) in the U.S.....	18
Table 3E - Ranking of Mean Turfgrass Quality Ratings of Strong Creeping Red Fescue Cultivars at Twenty-Six Locations (Full Sun) in the U.S.....	19
Table 3F - Ranking of Mean Turfgrass Quality Ratings of Hard Fescue Cultivars at Twenty-Six Locations (Full Sun) in the U.S.....	19
Table 4A - Mean Turfgrass Quality Ratings of Fineleaf Fescue Cultivars at Four Locations (Shade) in the U.S.....	20
Table 4B - Mean Turfgrass Quality Ratings of Slender Creeping Red Fescue Cultivars at Four Locations (Shade) in the U.S.....	21
Table 4C - Mean Turfgrass Quality Ratings of Sheep Fescue Cultivars at Four Locations (Shade) in the U.S.....	21
Table 4D - Mean Turfgrass Quality Ratings of Chewings Fescue Cultivars at Four Locations (Shade) in the U.S.....	22
Table 4E - Mean Turfgrass Quality Ratings of Strong Creeping Red Fescue Cultivars at Four Locations (Shade) in the U.S.....	23
Table 4F - Mean Turfgrass Quality Ratings of Hard Fescue Cultivars at Four Locations (Shade) in the U.S.....	23
Table 5A - Mean Turfgrass Quality Ratings of Fineleaf Fescue Cultivars for Each Year (Full Sun) in the U.S.....	24
Table 5B - Mean Turfgrass Quality Ratings of Slender Creeping Red Fescue Cultivars for Each Year (Full Sun) in the U.S.....	25
Table 5C - Mean Turfgrass Quality Ratings of Sheep Fescue Cultivars for Each Year (Full Sun) in the U.S.....	25
Table 5D - Mean Turfgrass Quality Ratings of Chewings Fescue Cultivars for Each Year (Full Sun) in the U.S.....	26
Table 5E - Mean Turfgrass Quality Ratings of Strong Creeping Red Fescue Cultivars for Each Year (Full Sun) in the U.S.....	27
Table 5F - Mean Turfgrass Quality Ratings of Hard Fescue Cultivars for Each Year (Full Sun) in the U.S.....	27

CONTENTS (Continued)

Table 6A - Ranking of Mean Turfgrass Quality Ratings of Fineleaf Fescue Cultivars for Each Year (Full Sun) in the U.S.....	28
Table 6B - Ranking of Mean Turfgrass Quality Ratings of Slender Creeping Red Fescue Cultivars for Each Year (Full Sun) in the U.S.....	29
Table 6C - Ranking of Mean Turfgrass Quality Ratings of Sheep Fescue Cultivars for Each Year (Full Sun) in the U.S.....	29
Table 6D - Ranking of Mean Turfgrass Quality Ratings of Chewings Fescue Cultivars for Each Year (Full Sun) in the U.S.....	30
Table 6E - Ranking of Mean Turfgrass Quality Ratings of Strong Creeping Red Fescue Cultivars for Each Year (Full Sun) in the U.S.....	31
Table 6F - Ranking of Mean Turfgrass Quality Ratings of Hard Fescue Cultivars for Each Year (Full Sun) in the U.S.....	31
Table 7A - Mean Turfgrass Quality Ratings of Fineleaf Fescue Cultivars for Each Year (Shade) in the U.S.....	32
Table 7B - Mean Turfgrass Quality Ratings of Slender Creeping Red Fescue Cultivars for Each Year (Shade) in the U.S.....	33
Table 7C - Mean Turfgrass Quality Ratings of Sheep Fescue Cultivars for Each Year (Shade) in the U.S.....	33
Table 7D - Mean Turfgrass Quality Ratings of Chewings Fescue Cultivars for Each Year (Shade) in the U.S.....	34
Table 7E - Mean Turfgrass Quality Ratings of Strong Creeping Red Fescue Cultivars for Each Year (Shade) in the U.S.....	35
Table 7F - Mean Turfgrass Quality Ratings of Hard Fescue Cultivars for Each Year (Shade) in the U.S.....	35
Table 8A - Ranking of Mean Turfgrass Quality Ratings of Fineleaf Fescue Cultivars for Each Year (Shade) in the U.S.....	36
Table 8B - Ranking of Mean Turfgrass Quality Ratings of Slender Creeping Red Fescue Cultivars for Each Year (Shade) in the U.S.....	37
Table 8C - Ranking of Mean Turfgrass Quality Ratings of Sheep Fescue Cultivars for Each Year (Shade) in the U.S.....	37
Table 8D - Ranking of Mean Turfgrass Quality Ratings of Chewings Fescue Cultivars for Each Year (Shade) in the U.S.....	38
Table 8E - Ranking of Mean Turfgrass Quality Ratings of Strong Creeping Red Fescue Cultivars for Each Year (Shade) in the U.S.....	39

CONTENTS (Continued)

Table 8F - Ranking of Mean Turfgrass Quality Ratings of Hard Fescue Cultivars for Each Year (Shade) in the U.S.....	39
Table 9A - Genetic Color Ratings of Fineleaf Fescue Cultivars.....	40
Table 9B - Genetic Color Ratings of Slender Creeping Red Fescue Cultivars.....	41
Table 9C - Genetic Color Ratings of Sheep Fescue Cultivars.....	41
Table 9D - Genetic Color Ratings of Chewings Fescue Cultivars.....	42
Table 9E - Genetic Color Ratings of Strong Creeping Red Fescue Cultivars.....	43
Table 9F - Genetic Color Ratings of Hard Fescue Cultivars.....	43
Table 10A- Spring Greenup Ratings of Fineleaf Fescue Cultivars.....	44
Table 10B- Spring Greenup Ratings of Slender Creeping Red Fescue Cultivars.....	45
Table 10C- Spring Greenup Ratings of Sheep Fescue Cultivars.....	45
Table 10D- Spring Greenup Ratings of Chewings Fescue Cultivars.....	46
Table 10E- Spring Greenup Ratings of Strong Creeping Red Fescue Cultivars.....	47
Table 10F- Spring Greenup Ratings of Hard Fescue Cultivars.....	47
Table 11A- Leaf Texture Ratings of Fineleaf Fescue Cultivars.....	48
Table 11B- Leaf Texture Ratings of Slender Creeping Red Fescue Cultivars.....	49
Table 11C- Leaf Texture Ratings of Sheep Fescue Cultivars.....	49
Table 11D- Leaf Texture Ratings of Chewings Fescue Cultivars.....	50
Table 11E- Leaf Texture Ratings of Strong Creeping Red Fescue Cultivars.....	51
Table 11F- Leaf Texture Ratings of Hard Fescue Cultivars.....	51
Table 12A- Seedling Vigor Ratings of Fineleaf Fescue Cultivars.....	52
Table 12B- Seedling Vigor Ratings of Slender Creeping Red Fescue Cultivars.....	53
Table 12C- Seedling Vigor Ratings of Sheep Fescue Cultivars.....	53
Table 12D- Seedling Vigor Ratings of Chewings Fescue Cultivars.....	54
Table 12E- Seedling Vigor Ratings of Strong Creeping Red Fescue Cultivars.....	55
Table 12F- Seedling Vigor Ratings of Hard Fescue Cultivars.....	55

CONTENTS (Continued)

Table 13A- Spring Density Ratings of Fineleaf Fescue Cultivars.....56

Table 13B- Spring Density Ratings of Slender Creeping Red Fescue Cultivars.....57

Table 13C- Spring Density Ratings of Sheep Fescue Cultivars.....57

Table 13D- Spring Density Ratings of Chewings Fescue Cultivars.....58

Table 13E- Spring Density Ratings of Strong Creeping Red Fescue Cultivars.....59

Table 13F- Spring Density Ratings of Hard Fescue Cultivars.....59

Table 14A- Summer Density Ratings of Fineleaf Fescue Cultivars.....60

Table 14B- Summer Density Ratings of Slender Creeping Red Fescue Cultivars.....61

Table 14C- Summer Density Ratings of Sheep Fescue Cultivars.....61

Table 14D- Summer Density Ratings of Chewings Fescue Cultivars.....62

Table 14E- Summer Density Ratings of Strong Creeping Red Fescue Cultivars.....63

Table 14F- Summer Density Ratings of Hard Fescue Cultivars.....63

Table 15A- Fall Density Ratings of Fineleaf Fescue Cultivars.....64

Table 15B- Fall Density Ratings of Slender Creeping Red Fescue Cultivars.....65

Table 15C- Fall Density Ratings of Sheep Fescue Cultivars.....65

Table 15D- Fall Density Ratings of Chewings Fescue Cultivars.....66

Table 15E- Fall Density Ratings of Strong Creeping Red Fescue Cultivars.....67

Table 15F- Fall Density Ratings of Hard Fescue Cultivars.....67

Table 16A- Percent Living Ground Cover (Spring) Ratings of
Fineleaf Fescue Cultivars.....68

Table 16B- Percent Living Ground Cover (Spring) Ratings of
Slender Creeping Red Fescue Cultivars.....69

Table 16C- Percent Living Ground Cover (Spring) Ratings of
Sheep Fescue Cultivars.....69

Table 16D- Percent Living Ground Cover (Spring) Ratings of
Chewings Fescue Cultivars.....70

Table 16E- Percent Living Ground Cover (Spring) Ratings of
Strong Creeping Red Fescue Cultivars.....71

CONTENTS (Continued)

Table 16F-	Percent Living Ground Cover (Spring) Ratings of Hard Fescue Cultivars.....	71
Table 17A-	Percent Living Ground Cover (Summer) Ratings of Fineleaf Fescue Cultivars.....	72
Table 17B-	Percent Living Ground Cover (Summer) Ratings of Slender Creeping Red Fescue Cultivars.....	73
Table 17C-	Percent Living Ground Cover (Summer) Ratings of Sheep Fescue Cultivars.....	73
Table 17D-	Percent Living Ground Cover (Summer) Ratings of Chewings Fescue Cultivars.....	74
Table 17E-	Percent Living Ground Cover (Summer) Ratings of Strong Creeping Red Fescue Cultivars.....	75
Table 17F-	Percent Living Ground Cover (Summer) Ratings of Hard Fescue Cultivars.....	75
Table 18A-	Percent Living Ground Cover (Fall) Ratings of Fineleaf Fescue Cultivars.....	76
Table 18B-	Percent Living Ground Cover (Fall) Ratings of Slender Creeping Red Fescue Cultivars.....	77
Table 18C-	Percent Living Ground Cover (Fall) Ratings of Sheep Fescue Cultivars.....	77
Table 18D-	Percent Living Ground Cover (Fall) Ratings of Chewings Fescue Cultivars.....	78
Table 18E-	Percent Living Ground Cover (Fall) Ratings of Strong Creeping Red Fescue Cultivars.....	79
Table 18F-	Percent Living Ground Cover (Fall) Ratings of Hard Fescue Cultivars.....	79
Table 19A-	Frost Tolerance Ratings of Fineleaf Fescue Cultivars.....	80
Table 19B-	Frost Tolerance Ratings of Slender Creeping Red Fescue Cultivars.....	80
Table 19C-	Frost Tolerance Ratings of Sheep Fescue Cultivars.....	81
Table 19D-	Frost Tolerance Ratings of Chewings Fescue Cultivars.....	81
Table 19E-	Frost Tolerance Ratings of Strong Creeping Red Fescue Cultivars.....	82
Table 19F-	Frost Tolerance Ratings of Hard Fescue Cultivars.....	82

CONTENTS (Continued)

Table 20A-	Winter Color Ratings of Fineleaf Fescue Cultivars.....	83
Table 20B-	Winter Color Ratings of Slender Creeping Red Fescue Cultivars.....	83
Table 20C-	Winter Color Ratings of Sheep Fescue Cultivars.....	84
Table 20D-	Winter Color Ratings of Chewings Fescue Cultivars.....	84
Table 20E-	Winter Color Ratings of Strong Creeping Red Fescue Cultivars.....	85
Table 20F-	Winter Color Ratings of Hard Fescue Cultivars.....	85
Table 21A-	Drought Tolerance (Wilting) Ratings of Fineleaf Fescue Cultivars.....	86
Table 21B-	Drought Tolerance (Wilting) Ratings of Slender Creeping Red Fescue Cultivars.....	86
Table 21C-	Drought Tolerance (Wilting) Ratings of Sheep Fescue Cultivars.....	87
Table 21D-	Drought Tolerance (Wilting) Ratings of Chewings Fescue Cultivars.....	87
Table 21E-	Drought Tolerance (Wilting) Ratings of Strong Creeping Red Fescue Cultivars.....	88
Table 21F-	Drought Tolerance (Wilting) Ratings of Hard Fescue Cultivars.....	88
Table 22A-	Drought Tolerance (Dormancy) Ratings of Fineleaf Fescue Cultivars.....	89
Table 22B-	Drought Tolerance (Dormancy) Ratings of Slender Creeping Red Fescue Cultivars.....	89
Table 22C-	Drought Tolerance (Dormancy) Ratings of Sheep Fescue Cultivars.....	90
Table 22D-	Drought Tolerance (Dormancy) Ratings of Chewings Fescue Cultivars.....	90
Table 22E-	Drought Tolerance (Dormancy) Ratings of Strong Creeping Red Fescue Cultivars.....	91
Table 22F-	Drought Tolerance (Dormancy) Ratings of Hard Fescue Cultivars.....	91
Table 23A-	Drought Tolerance (Recovery) Ratings of Fineleaf Fescue Cultivars.....	92
Table 23B-	Drought Tolerance (Recovery) Ratings of Slender Creeping Red Fescue Cultivars.....	92
Table 23C-	Drought Tolerance (Recovery) Ratings of Sheep Fescue Cultivars.....	93
Table 23D-	Drought Tolerance (Recovery) Ratings of Chewings Fescue Cultivars.....	93
Table 23E-	Drought Tolerance (Recovery) Ratings of Strong Creeping Red Fescue Cultivars.....	94

CONTENTS (Continued)

Table 23F- Drought Tolerance (Recovery) Ratings of Hard Fescue Cultivars.....	94
Table 24A- Leaf Spot Ratings of Fineleaf Fescue Cultivars.....	95
Table 24B- Leaf Spot Ratings of Slender Creeping Red Fescue Cultivars.....	96
Table 24C- Leaf Spot Ratings of Sheep Fescue Cultivars.....	96
Table 24D- Leaf Spot Ratings of Chewings Fescue Cultivars.....	97
Table 24E- Leaf Spot Ratings of Strong Creeping Red Fescue Cultivars.....	98
Table 24F- Leaf Spot Ratings of Hard Fescue Cultivars.....	98
Table 25A- Dollar Spot Ratings of Fineleaf Fescue Cultivars.....	99
Table 25B- Dollar Spot Ratings of Slender Creeping Red Fescue Cultivars.....	99
Table 25C- Dollar Spot Ratings of Sheep Fescue Cultivars.....	100
Table 25D- Dollar Spot Ratings of Chewings Fescue Cultivars.....	100
Table 25E- Dollar Spot Ratings of Strong Creeping Red Fescue Cultivars.....	101
Table 25F- Dollar Spot Ratings of Hard Fescue Cultivars.....	101
Table 26A- Red Thread Ratings of Fineleaf Fescue Cultivars.....	102
Table 26B- Red Thread Ratings of Slender Creeping Red Fescue Cultivars.....	102
Table 26C- Red Thread Ratings of Sheep Fescue Cultivars.....	103
Table 26D- Red Thread Ratings of Chewings Fescue Cultivars.....	103
Table 26E- Red Thread Ratings of Strong Creeping Red Fescue Cultivars.....	104
Table 26F- Red Thread Ratings of Hard Fescue Cultivars.....	104
Table 27A- Brown Patch Ratings of Fineleaf Fescue Cultivars.....	105
Table 27B- Brown Patch Ratings of Slender Creeping Red Fescue Cultivars.....	105
Table 27C- Brown Patch Ratings of Sheep Fescue Cultivars.....	106
Table 27D- Brown Patch Ratings of Chewings Fescue Cultivars.....	106
Table 27E- Brown Patch Ratings of Strong Creeping Red Fescue Cultivars.....	107
Table 27F- Brown Patch Ratings of Hard Fescue Cultivars.....	107

CONTENTS (Continued)

Table 28A- Pythium Blight Ratings of Fineleaf Fescue Cultivars.....	108
Table 28B- Pythium Blight Ratings of Slender Creeping Red Fescue Cultivars.....	108
Table 28C- Pythium Blight Ratings of Sheep Fescue Cultivars.....	109
Table 28D- Pythium Blight Ratings of Chewings Fescue Cultivars.....	109
Table 28E- Pythium Blight Ratings of Strong Creeping Red Fescue Cultivars.....	110
Table 28F- Pythium Blight Ratings of Hard Fescue Cultivars.....	110
Table 29A- Bipolaris Crown Ratings of Fineleaf Fescue Cultivars.....	111
Table 29B- Bipolaris Crown Ratings of Slender Creeping Red Fescue Cultivars.....	111
Table 29C- Bipolaris Crown Ratings of Sheep Fescue Cultivars.....	112
Table 29D- Bipolaris Crown Ratings of Chewings Fescue Cultivars.....	112
Table 29E- Bipolaris Crown Ratings of Strong Creeping Red Fescue Cultivars.....	113
Table 29F- Bipolaris Crown Ratings of Hard Fescue Cultivars.....	113
Table 30A- Fall Color (November) Ratings of Fineleaf Fescue Cultivars.....	114
Table 30B- Fall Color (November) Ratings of Slender Creeping Red Fescue Cultivars.....	114
Table 30C- Fall Color (November) Ratings of Sheep Fescue Cultivars.....	115
Table 30D- Fall Color (November) Ratings of Chewings Fescue Cultivars.....	115
Table 30E- Fall Color (November) Ratings of Strong Creeping Red Fescue Cultivars.....	116
Table 30F- Fall Color (November) Ratings of Hard Fescue Cultivars.....	116
Table 31A- Mowing Injury Ratings of Fineleaf Fescue Cultivars.....	117
Table 31B- Mowing Injury Ratings of Slender Creeping Red Fescue Cultivars.....	117
Table 31C- Mowing Injury Ratings of Sheep Fescue Cultivars.....	118
Table 31D- Mowing Injury Ratings of Chewings Fescue Cultivars.....	118
Table 31E- Mowing Injury Ratings of Strong Creeping Red Fescue Cultivars.....	119
Table 31F- Mowing Injury Ratings of Hard Fescue Cultivars.....	119
Table 32A- Percent Weed Ratings of Fineleaf Fescue Cultivars.....	120

CONTENTS (Continued)

Table 32B- Percent Weed Ratings of Slender Creeping Red Fescue Cultivars.....	120
Table 32C- Percent Weed Ratings of Sheep Fescue Cultivars.....	121
Table 32D- Percent Weed Ratings of Chewings Fescue Cultivars.....	121
Table 32E- Percent Weed Ratings of Strong Creeping Red Fescue Cultivars.....	122
Table 32F- Percent Weed Ratings of Hard Fescue Cultivars.....	122
Table 33A- Weed Ratings of Fineleaf Fescue Cultivars.....	123
Table 33B- Weed Ratings of Slender Creeping Red Fescue Cultivars.....	123
Table 33C- Weed Ratings of Sheep Fescue Cultivars.....	124
Table 33D- Weed Ratings of Chewings Fescue Cultivars.....	124
Table 33E- Weed Ratings of Strong Creeping Red Fescue Cultivars.....	125
Table 33F- Weed Ratings of Hard Fescue Cultivars.....	125
Table 34A- Vertical Growth Ratings of Fineleaf Fescue Cultivars.....	126
Table 34B- Vertical Growth Ratings of Slender Creeping Red Fescue Cultivars.....	126
Table 34C- Vertical Growth Ratings of Sheep Fescue Cultivars.....	127
Table 34D- Vertical Growth Ratings of Chewings Fescue Cultivars.....	127
Table 34E- Vertical Growth Ratings of Strong Creeping Red Fescue Cultivars.....	128
Table 34F- Vertical Growth Ratings of Hard Fescue Cultivars.....	128
Table 35A- Summer Color Ratings of Fineleaf Fescue Cultivars.....	129
Table 35B- Summer Color Ratings of Slender Creeping Red Fescue Cultivars.....	129
Table 35C- Summer Color Ratings of Sheep Fescue Cultivars.....	130
Table 35D- Summer Color Ratings of Chewings Fescue Cultivars.....	130
Table 35E- Summer Color Ratings of Strong Creeping Red Fescue Cultivars.....	131
Table 35F- Summer Color Ratings of Hard Fescue Cultivars.....	131
Table 36A- Pythium Root Rot Ratings of Fineleaf Fescue Cultivars.....	132
Table 36B- Pythium Root Rot Ratings of Slender Creeping Red Fescue Cultivars.....	132

CONTENTS (Continued)

Table 36C- Pythium Root Rot Ratings of Sheep Fescue Cultivars.....133

Table 36D- Pythium Root Rot Ratings of Chewings Fescue Cultivars.....133

Table 36E- Pythium Root Rot Ratings of Strong Creeping Red Fescue Cultivars.....134

Table 36F- Pythium Root Rot Ratings of Hard Fescue Cultivars.....134

Table 37A- Percent Red Thread (May) Ratings of Fineleaf Fescue Cultivars.....135

Table 37B- Percent Red Thread (May) Ratings of
Slender Creeping Red Fescue Cultivars.....135

Table 37C- Percent Red Thread (May) Ratings of Sheep Fescue Cultivars.....136

Table 37D- Percent Red Thread (May) Ratings of Chewings Fescue Cultivars.....136

Table 37E- Percent Red Thread (May) Ratings of
Strong Creeping Red Fescue Cultivars.....137

Table 37F- Percent Red Thread (May) Ratings of Hard Fescue Cultivars.....137

Table 38A- Red Thread Ratings of Fineleaf Fescue Cultivars at Orono, ME.....138

Table 38B- Red Thread Ratings of Slender Creeping Red Fescue
Cultivars at Orono, ME.....139

Table 38C- Red Thread Ratings of Sheep Fescue Cultivars at Orono, ME.....139

Table 38D- Red Thread Ratings of Chewings Fescue Cultivars at Orono, ME.....140

Table 38E- Red Thread Ratings of Strong Creeping Red Fescue
Cultivars at Orono, ME.....141

Table 38F- Red Thread Ratings of Hard Fescue Cultivars at Orono, ME.....141

Table 39A- Percent Brown Patch Ratings of Fineleaf Fescue Cultivars
at Lexington, KY.....142

Table 39B- Percent Brown Patch Ratings of Slender Creeping Red Fescue
Cultivars at Lexington, KY.....142

Table 39C- Percent Brown Patch Ratings of Sheep Fescue Cultivars
at Lexington, KY.....143

Table 39D- Percent Brown Patch Ratings of Chewings Fescue Cultivars
at Lexington, KY.....143

Table 39E- Percent Brown Patch Ratings of Strong Creeping Red Fescue
Cultivars at Lexington, KY.....144

CONTENTS (Continued)

Table 39F- Percent Brown Patch Ratings of Hard Fescue Cultivars at Lexington, KY
(KY1).....144

Table 40A- Brown Patch Ratings of Fineleaf Fescue Cultivars at Orono, ME (ME1)...145

Table 40B- Brown Patch Ratings of Slender Creeping Red Fescue Cultivars
at Orono, ME (ME1).....145

Table 40C- Brown Patch Ratings of Sheep Fescue Cultivars at Orono, ME (ME1).....146

Table 40D- Brown Patch Ratings of Chewings Fescue Cultivars at Orono, ME (ME1)...146

Table 40E- Brown Patch Ratings of Strong Creeping Red Fescue Cultivars
at Orono, ME (ME1).....147

Table 40F- Brown Patch Ratings of Hard Fescue Cultivars at Orono, ME (ME1).....147

Table 41A- Leaf Spot Ratings of Fineleaf Fescue Cultivars at Orono, ME (ME1).....148

Table 41B- Leaf Spot Ratings of Slender Creeping Red Fescue Cultivars
at Orono, ME (ME1).....149

Table 41C- Leaf Spot Ratings of Sheep Fescue Cultivars at Orono, ME (ME1).....149

Table 41D- Leaf Spot Ratings of Chewings Fescue Cultivars at Orono, ME (ME1).....150

Table 41E- Leaf Spot Ratings of Strong Creeping Red Fescue Cultivars
at Orono, ME (ME1).....151

Table 41F- Leaf Spot Ratings of Hard Fescue Cultivars at Orono, ME (ME1).....151

LOCATIONS SUBMITTING DATA FOR 1994-97

<u>State</u>	<u>Location</u>	<u>Code</u>
Georgia	Griffin (High pH)	GA1
Georgia	Griffin (Low pH)	GA2
Iowa	Ames	IA1
Illinois	Urbana	IL1
Illinois	Carbondale (Full sun)	IL2
Illinois	Carbondale (Dense Shade)	IL3
Kansas	Manhattan	KS1
Kentucky	Lexington	KY1
Louisiana	Baton Rouge	LA1
Massachusetts	Amherst	MA1
Maryland	Beltsville	UB1
Maryland	Silver Spring (Dense shade)	MD1
Maryland	Sharpsburg (Antietam National Cemetary)	MD2
Maine	Orono	ME1
Michigan	East Lansing (Light Shade)	MI1
Missouri	Columbia	MO1
Nebraska	Lincoln	NE1
New Jersey	North Brunswick	NJ1
New Jersey	Adelphia	NJ2
Ohio	Columbus	OH1
Oklahoma	Stillwater	OK1
Pennsylvania	University Park	PA1
Rhode Island	Kingston	RI1
Virginia	Blacksburg	VA1
Washington	Pullman	WA1
Washington	Puyallup (100% ET)	WA3
Washington	Puyallup (30% ET)	WA4
Washington	Puyallup (60% ET)	WA5
Wisconsin	Madison (High Mowing)	WI1
Wisconsin	Madison (Low Mowing)	WI2

1993 NATIONAL FINELEAF FESCUE TEST

Entries and Sponsors

Entry No.	Name	Species	Sponsor	Entry No.	Name	Species	Sponsor
1	NJ F-93	chewings	Rutgers Univ.	36	Brittany	chewings	LESCO, Inc.
2	Dawson	slender creep.	Standard entry	37	Spartan	hard	Pickseed West, Inc.
3	Scaldis	hard	Standard entry	38	Banner II	chewings	E.F. Burlingham & Sons
4	Ecostar	hard	Jacklin Seed Co.	39	Banner III (MB 61-93)	chewings	E.F. Burlingham & Sons
5	Rondo	strong creep.	DLF/Trifolium	40	Eco (MB 63-93)	chewings	E.F. Burlingham & Sons
6	Pamela	hard	DLF/Trifolium	41	Culumbra (MB 64-93)	chewings	Fine Lawn Research, Inc.
7	Medina	chewings	DLF/Trifolium	42	K-2 (MB 65-93)	chewings	E.F. Burlingham & Sons
8	Silverlawn (WVPB-STCR-101)	strong creep.	Willamette Valley P.B.	43	MB 66-93	chewings	E.F. Burlingham & Sons
9	Brigade	hard	O.M. Scott & Sons	44	Defiant (MB 81-93)	hard	LESCO, Inc.
10	Molinda	chewings	O.M. Scott & Sons	45	MB 82-93	hard	E.F. Burlingham & Sons
11	BAR Frr 4ZBD	strong creep.	Barenbrug Holland	46	Vernon (MB 83-93)	hard	E.F. Burlingham & Sons
12	BAR UR 204	strong creep.	Barenbrug Holland	47	SR 3100	hard	Seed Research of Oregon
13	Jasper (E)	strong creep.	Pickseed West, Inc.	48	SR 5100	chewings	Seed Research of Oregon
14	Victory (E)	chewings	Pickseed West, Inc.	49	Sandpiper (PRO 92/20)	chewings	Research Seeds
15	Voctory II (Pick 4-91W)	chewings	Pickseed West, Inc.	50	Osprey (PRO 92/24)	hard	Research Seeds
16	Bridgeport	chewings	Barenbrug USA	51	Reliant II	hard	Loft's Seed, Inc.
17	Nordic	hard	Zajac Perf. Seeds	52	CAS-FR13	strong creep.	Cascade Inter. Seed Co.
18	Treazure (ZPS-MG)	chewings	Zajac Perf. Seeds	53	ISI-FC-62	chewings	International Seeds, Inc.
19	Seabreeze	slender creep.	Turf-Seed, Inc.	54	TMI-3CE	chewings	Turf Merchants
20	Florentine (PST-4VB) Endo.	strong creep.	Pure-Seed Test., Inc.	55	67135	sheep	Norfarm Seeds
21	PST-4DT	strong creep.	Pure-Seed Test., Inc.	56	Aurora w/endo.	hard	Turf-Seed, Inc.
22	Shademaster II	strong creep.	Turf-Seed, Inc.	57	Flyer II (ZPS-4BN)	strong creep.	Pennington Seed, Inc.
23	Shadow (E)	chewings	Turf-Seed, Inc.	58	Cascade	chewings	Standard entry
24	Discovery	hard	Turf-Seed, Inc.	59	Common creep.	strong creep.	Standard entry
25	Tiffany	chewings	Turf-Seed, Inc.				
26	PST-4ST	strong creep.	Pure-Seed Test., Inc.				
27	Shadow II (PST-44D)	chewings	Pure-Seed Test., Inc.				
28	Flyer	strong creep.	Pennington Seed, Inc.				
29	Jamestown II	chewings	Loft's Seed, Inc.				
30	Jamestown	chewings	Standard entry				
31	Darwin	chewings	International Seeds, Inc.				
32	Quatro (FO 143)	sheep	International Seeds, Inc.				
33	Aruba	strong creep.	Medalist America				
34	WX3-FFG6	strong creep.	Willamette Seed Co.				
35	WX3-FF54	chewings	Willamette Seed Co.				

TABLE A.

1994-97 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 1993 NATIONAL FINELEAF FESCUE TEST

LOCATION	SOIL TEXTURE	SOIL PH	SOIL PHOSPHOROUS (LBS/ACRE)	SOIL POTASSIUM (LBS/ACRE)	NITROGEN (LBS/1000 SQ FT)	SUN OR SHADE	MOWING HEIGHT (IN)	IRRIGATION PRACTICED
GA1	SANDY CLAY LOAM	5.6-6.0	61-150	151-240	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
GA2	SANDY CLAY LOAM	3.6-4.5	61-150	151-240	3.1-4.0	FULL SUN	1.1-1.5	NO IRRIGATION
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	241-375	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	1.1-2.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
IL2	SILTY CLAY LOAM	6.1-6.5	151-270	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
IL3	SILTY CLAY LOAM	6.1-6.5	151-270	151-240	1.1-2.0	DENSE SHADE	3.1-3.5	NO IRRIGATION
KS1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	2.1-3.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
LA1	SANDY LOAM	5.6-6.0	61-150	0-150	1.1-2.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
MA1	SILT LOAM AND SILT	5.6-6.0	61-150	151-240	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
MD1	SILT LOAM AND SILT	6.1-6.5	151-270	241-375	1.1-2.0	DENSE SHADE	2.6-3.0	ONLY DURING SEVERE STRESS
MD2	SILT LOAM AND SILT	5.6-6.0	61-150	151-240	0.0-1.0	LIGHT SHADE	2.6-3.0	-
ME1	SANDY LOAM	5.6-6.0	0-60	241-375	4.1-5.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
MI1	SANDY LOAM	7.1-7.5	0-60	0-150	1.1-2.0	LIGHT SHADE	2.6-3.0	TO PREVENT STRESS-94,95/NO IRRIG.-96,97
MO1	SANDY CLAY LOAM	6.1-6.5	61-150	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
NE1	SILTY CLAY LOAM	6.6-7.0	0-60	376-500	1.1-2.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
NJ1	SANDY LOAM	5.6-6.0	271-450	241-375	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
NJ2	SANDY LOAM	6.1-6.5	271-450	376-500	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
OH1	SILT LOAM AND SILT	7.1-7.5	61-150	241-375	1.1-2.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
OK1	SILTY CLAY LOAM	6.6-7.0	61-150	501+	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
PA1	SILT LOAM AND SILT	6.1-6.5	61-150	0-150	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT DORMANCY
RI1	SILT LOAM AND SILT	6.6-7.0	-	0-150	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
UB1	SILT LOAM AND SILT	6.6-7.0	271-450	151-240	1.1-2.0	FULL SUN	1.6-2.0	ONLY DURING SEVERE STRESS
VA1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	1.1-2.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS
WA1	SILT LOAM AND SILT	5.6-6.0	271-450	501+	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
WA3	SANDY LOAM	5.6-6.0	61-150	151-240	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
WA4	SANDY LOAM	5.6-6.0	61-150	151-240	2.1-3.0	FULL SUN	1.1-1.5	ONLY DURING SEVERE STRESS
WA5	SANDY LOAM	5.6-6.0	61-150	151-240	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
WI1	SILT LOAM AND SILT	7.1-7.5	151-270	241-375	1.1-2.0	FULL SUN	2.6-3.0	ONLY DURING SEVERE STRESS
WI2	SAND	4.6-5.5	271-450	0-150	2.1-3.0	FULL SUN	0.6-1.0	TO PREVENT STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1994-97

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
GA1	X	X	X	X	X	X	X	X	X	X	X	X	X		
GA2	X	X	X	X	X	X	X	X	X	X	X	X	X		
IA1					X	X	X	X	X	X			X	X	
IL1				X	X	X	X	X	X	X	X		X	X	X
IL2			X	X	X	X	X	X	X	X	X		X	X	X
IL3				X	X	X	X	X	X	X					
KS1			X	X	X	X	X	X	X	X			X	X	X
KY1			X	X	X	X	X	X	X	X			X	X	X
LA1		X	X	X	X	X	X	X	X	X	X	X	X		
MA1				X	X	X	X	X	X	X			X	X	
MD1				X	X	X	X	X	X	X			X		X
MD2				X	X	X		X	X	X	X	X			
ME1					X	X	X	X	X	X	X		X		
MI1					X	X	X	X	X	X	X		X	X	X
MO1				X	X	X	X	X	X	X	X		X	X	X
NE1						X	X	X	X				X		
NJ1			X	X	X	X	X	X	X	X	X	X	X	X	X
NJ2				X	X	X	X	X	X	X	X	X	X	X	X
OH1					X	X	X	X	X	X	X		X	X	X
OK1				X	X	X	X	X	X	X	X	X	X	X	X
PA1					X	X	X	X	X	X			X	X	
RI1					X	X	X	X	X	X	X		X	X	X
UB1				X	X	X	X	X	X	X	X		X	X	X
VA1				X	X	X	X	X	X	X	X		X	X	X
WA1				X	X	X	X	X	X	X			X	X	X
WA3				X	X	X	X	X	X	X	X	X			
WA4				X	X	X	X	X	X	X	X	X			
WA5				X	X	X	X	X	X	X	X	X			
WI1					X	X	X	X	X	X	X		X		
WI2							X	X	X	X			X		

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1994-97

LOCATION	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FROST TOLERANCE	WINTER COLOR	DROUGHT TOLERANCE WILTING	DROUGHT TOLERANCE DORMANCY	DROUGHT TOLERANCE RECOVERY	LEAF SPOT	DOLLAR SPOT	RED THREAD
GA1		X	X	X	X	X	X								
GA2		X	X	X	X	X	X								
IA1															
IL1	X		X	X											
IL2	X				X										
IL3	X	X	X												
KS1													X		
KY1					X										
LA1	X	X	X	X										X	
MA1													X		
MD1	X														
MD2							X								
ME1	X		X		X								X	X	
MI1															
MO1	X	X	X	X	X	X	X			X					
NE1					X										
NJ1	X			X	X							X	X		
NJ2		X					X								
OH1					X	X	X								
OK1	X	X	X	X	X	X	X	X	X						
PA1	X	X	X	X									X		X
RI1	X														X
UB1	X					X					X		X		X
VA1					X										X
WA1	X														
WA3	X	X													
WA4	X	X										X			
WA5	X	X										X			
WI1	X														
WI2	X														

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1994-97

LOCATION	BROWN PATCH	PYTHIUM BLIGHT	BIPOLARIS CROWN ROT	FALL COLOR NOVEMBER	MOWING INJURY RATING	PERCENT WEEDS	WEED RATING	VERTICAL GROWTH RATING	SUMMER COLOR RATING	<u>PYTHIUM ROOT ROT RATINGS</u>		PERCENT RED THREAD	<u>RED THREAD RATINGS (1997)</u>				
										APRIL	JULY		JUNE	JULY	AUGUST	SEPTEMBER	
GA1									X								
GA2									X								
IA1																	
IL1																	
IL2																	
IL3																	
KS1																	
KY1												X					
LA1		X															
MA1																	
MD1																	
MD2							X										
ME1	X				X			X					X	X	X	X	X
MI1		X															
MO1																	
NE1																	
NJ1																	
NJ2																	
OH1	X																
OK1			X	X							X	X					
PA1																	
RI1																	
UB1																	
VA1																	
WA1																	
WA3								X									
WA4								X									
WA5								X									
WI1																	
WI2																	

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1994-97

LOCATION	<u>PERCENT BROWN PATCH (1995)</u>		<u>BROWN PATCH RATING (1996)</u>			<u>LEAF SPOT RATINGS</u>												
	JULY	AUGUST	JUNE	JULY	AUGUST	JUN.95	AUG.95	SEP.95	OCT.95	MAY 96	JUN.96	SEP.96	OCT.96	NOV.96	JUN.97	JUL.97	AUG.97	SEP.97
GA1																		
GA2																		
IA1																		
IL1																		
IL2																		
IL3																		
KS1																		
KY1	X	X																
LA1																		
MA1																		
MD1																		
MD2																		
ME1			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MI1																		
MO1																		
NE1																		
NJ1																		
NJ2																		
OH1																		
OK1																		
PA1																		
RI1																		
UB1																		
VA1																		
WA1																		
WA3																		
WA4																		
WA5																		
WI1																		
WI2																		

TABLE 1A.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/
1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	LA1	MA1	ME1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
* SHADOW II (PST-44D)	4.5	2.7	6.8	6.1	6.2	5.9	7.6	3.8	5.8	7.3	4.9	5.7	6.6	6.0	5.7	4.1	6.8	5.9	6.2	5.0	5.9	5.5	6.3	5.8	6.1	6.1	5.8
* BANNER III (MB 61-93)	4.3	3.0	6.3	5.9	5.8	6.0	7.6	3.6	6.0	7.1	4.6	5.6	5.8	5.1	6.6	4.4	6.0	5.5	6.0	5.1	5.7	5.3	5.8	5.0	6.3	6.3	5.6
* DISCOVERY	4.5	2.5	5.9	5.5	4.4	5.8	7.0	3.0	5.6	7.0	4.3	7.0	6.6	6.5	7.2	3.3	6.8	5.4	7.1	5.2	5.4	4.7	5.6	6.1	6.3	6.3	5.6
* BRITTANY	4.6	3.4	6.0	5.9	5.8	6.2	7.6	4.3	5.6	7.1	4.8	5.5	5.9	5.0	6.7	4.4	5.6	5.3	6.2	5.2	5.8	5.3	5.0	5.0	6.2	6.2	5.6
* SR 5100	4.4	4.2	6.0	5.9	5.7	5.5	7.5	4.7	5.5	7.2	4.9	4.8	5.6	5.1	6.6	4.5	5.8	6.1	6.0	5.3	5.6	5.6	4.4	5.5	6.4	6.4	5.6
* CULUMBRA (MB 64-93)	4.0	2.7	6.2	6.0	5.6	6.2	7.6	4.4	5.9	7.4	4.8	5.4	5.7	5.0	6.2	4.3	5.9	5.9	5.9	5.0	6.0	5.9	5.9	4.0	6.5	6.5	5.6
* FLORENTINE (PST-4VB ENDO.)	3.5	1.2	6.7	6.2	5.3	6.1	7.6	3.8	5.6	7.6	4.9	5.2	6.3	5.6	6.8	4.3	5.4	6.0	6.1	4.9	5.7	5.2	5.3	5.0	6.2	6.2	5.5
* ECO (MB 63-93)	4.4	3.1	6.0	5.7	5.4	6.0	7.6	3.9	5.7	7.1	4.5	6.3	5.8	4.3	6.3	4.4	5.6	5.7	5.5	5.1	5.8	5.3	5.6	5.2	6.1	6.1	5.5
* VICTORY II (PICK 4-91W)	4.4	2.8	6.5	5.9	5.8	5.9	7.6	3.7	5.6	7.4	4.9	5.5	5.8	5.3	6.5	4.3	6.0	5.9	6.1	5.3	5.7	4.8	5.1	4.4	6.3	6.3	5.5
NJ F-93	4.2	3.0	5.8	5.7	5.1	5.7	7.5	4.0	5.6	7.6	4.8	5.0	6.3	5.5	6.6	4.2	5.5	5.9	5.9	5.2	5.9	5.2	5.4	4.7	6.3	6.3	5.5
* TIFFANY	4.2	2.6	5.9	6.1	5.7	5.7	7.3	3.3	5.7	7.1	4.8	5.8	5.6	5.0	5.4	4.2	5.8	6.2	5.7	5.2	5.9	5.9	5.7	5.0	6.4	6.4	5.5
* BRIDGEPORT	4.6	4.0	5.7	5.9	4.9	5.7	7.4	4.0	5.4	6.9	4.9	5.3	5.6	5.1	6.3	4.5	5.9	5.4	5.8	5.0	5.6	5.3	5.4	4.4	6.6	6.6	5.5
* RELIANT II	4.3	2.2	5.3	5.6	5.4	5.8	6.8	3.0	5.4	6.3	4.3	6.3	5.4	5.7	7.2	3.0	6.9	5.5	7.2	5.0	4.9	5.4	5.0	5.9	6.5	6.5	5.4
* TREAZURE (ZPS-MG)	4.4	2.9	6.2	5.8	5.5	5.8	6.5	3.8	5.6	6.8	4.9	5.6	5.6	4.8	6.6	3.9	6.0	5.8	5.6	4.8	5.8	5.1	5.1	5.2	6.3	6.3	5.4
* SR 3100	5.2	2.3	5.3	5.8	4.2	5.5	6.4	3.5	5.6	6.8	4.1	5.2	6.2	5.9	7.2	2.5	6.8	6.2	7.3	4.7	5.2	5.1	5.3	5.4	6.2	6.2	5.4
PST-4ST	3.8	1.2	6.6	6.0	5.6	5.4	7.5	4.1	5.3	7.2	4.9	5.8	5.8	5.6	6.8	3.9	5.3	5.3	6.1	4.8	5.9	5.0	4.4	4.9	6.3	6.3	5.4
MB 82-93	4.0	2.6	5.8	5.7	4.3	5.6	7.2	4.5	5.5	7.0	4.5	4.9	5.7	4.7	7.2	3.2	5.9	5.7	6.6	5.0	5.7	4.7	5.6	5.0	6.3	6.2	5.4
* OSPREY (PRO 92/24)	4.9	2.3	5.8	5.3	5.5	5.5	7.0	3.1	5.3	6.9	4.0	6.8	5.2	5.3	6.0	2.1	6.7	5.7	7.0	5.3	5.1	5.1	5.1	5.4	6.1	6.1	5.4
* DEFIANT (MB 81-93)	4.6	2.0	5.1	5.2	5.0	5.4	6.5	3.3	5.3	6.9	4.2	7.8	5.7	5.6	6.9	2.8	6.3	5.7	6.9	4.8	5.4	4.9	4.9	4.6	6.6	6.6	5.4
PST-4DT	3.2	1.2	6.3	5.9	5.4	5.9	7.7	3.5	5.4	6.9	4.7	5.6	5.5	5.2	6.7	4.3	5.0	5.2	5.7	4.5	5.6	5.7	5.2	4.9	6.3	6.3	5.3
WX3-FF54	4.4	3.4	6.1	5.9	5.5	5.9	6.3	3.8	5.6	7.2	4.5	5.1	5.4	4.3	6.5	3.6	5.4	5.6	5.6	5.3	5.9	4.9	4.6	4.7	6.3	6.3	5.3
* SHADEMASTER II	2.9	1.2	6.5	5.4	5.8	6.4	7.4	3.9	5.0	7.4	5.4	5.6	5.7	5.1	6.5	3.7	5.0	5.0	5.7	4.7	5.9	4.6	4.6	5.1	6.4	6.4	5.3
* K-2 (MB 65-93)	4.1	3.0	6.2	6.0	5.4	6.1	6.6	3.1	5.8	7.3	4.8	5.8	5.1	3.8	5.7	3.9	5.5	5.7	5.4	4.9	5.9	5.5	4.6	4.3	6.1	6.1	5.3
* JASPER (E)	3.9	1.5	6.5	5.2	4.8	5.9	7.4	3.6	5.3	6.8	4.9	6.3	5.1	5.4	6.8	4.2	5.1	5.3	5.6	4.7	5.4	5.4	4.9	4.8	6.0	6.0	5.3
TMI-3CE	4.4	3.0	5.8	5.7	5.3	5.9	7.0	4.6	5.2	7.0	4.4	5.1	5.2	4.6	5.9	4.0	5.8	5.7	5.7	4.8	5.4	4.8	4.5	4.8	6.1	6.1	5.3
WX3-FFG6	4.2	2.9	6.0	5.3	4.4	5.5	6.5	4.7	5.3	6.8	4.5	5.7	4.6	4.8	6.2	4.1	5.7	5.5	5.2	5.1	5.5	5.8	4.7	5.0	6.1	6.1	5.3
* SANDPIPER (PRO 92/20)	4.3	3.5	5.7	5.8	5.4	5.6	7.3	4.3	4.8	7.0	5.2	5.4	5.0	4.2	5.8	3.9	5.6	5.7	5.6	5.0	5.5	5.3	4.6	4.0	6.0	6.0	5.3
* JAMESTOWN II	3.9	2.8	6.2	6.0	5.1	5.6	6.5	4.0	5.1	6.9	4.6	5.4	4.6	4.3	6.4	4.1	5.8	5.4	5.6	5.1	5.6	6.0	4.9	4.5	6.2	6.2	5.2
* NORDIC	4.5	2.3	4.7	5.8	4.6	5.5	5.9	3.2	5.3	6.6	4.1	7.0	5.4	5.0	7.2	2.7	6.5	4.8	6.8	5.2	5.0	4.8	5.1	4.5	6.2	6.2	5.2
* ECOSTAR	4.4	2.2	5.2	5.6	4.6	5.5	6.2	2.9	5.2	6.7	4.5	6.5	5.9	5.0	7.1	2.3	6.1	5.4	6.8	5.0	5.2	4.5	4.6	5.1	6.2	6.2	5.2
* VERNON (MB 83-93)	4.6	2.4	4.8	5.7	4.0	5.4	6.2	3.6	5.4	6.5	4.2	6.3	5.1	5.1	7.2	2.3	6.3	5.4	6.3	4.9	4.8	5.1	5.8	4.7	6.4	6.4	5.2
* VICTORY (E)	4.4	3.3	6.2	5.7	5.6	5.6	7.0	3.6	5.1	6.5	4.6	5.8	4.8	4.5	5.4	4.1	5.8	5.5	5.4	5.0	5.4	5.1	3.7	4.2	5.9	5.9	5.2
* FLYER II (ZPS-4BN)	3.9	1.3	6.1	5.9	5.0	6.0	7.2	3.5	4.8	7.2	4.9	4.8	5.7	5.1	5.9	3.7	5.0	5.1	5.2	4.6	5.7	4.7	4.8	5.1	6.4	6.4	5.2
* AURORA W/ENDO.	5.0	1.9	4.6	5.6	4.5	5.6	6.0	2.9	5.2	6.9	4.4	5.9	5.5	4.8	7.2	2.1	5.9	4.9	6.5	5.4	5.2	5.0	4.5	5.6	6.5	6.5	5.2
* BANNER II	4.1	2.4	5.9	5.5	4.8	5.5	6.9	4.5	5.4	6.9	4.8	5.4	4.5	4.4	6.2	3.7	5.4	5.3	5.3	4.7	5.5	4.7	4.4	4.2	6.2	6.2	5.1
* SHADOW (E)	4.1	2.5	5.9	5.6	4.5	5.5	6.3	3.6	5.7	6.8	4.8	5.0	4.9	4.4	5.9	3.9	5.6	5.6	5.3	4.7	5.6	5.8	4.1	4.0	6.2	6.2	5.1
* ISI-FC-62	3.9	3.5	5.9	5.9	5.0	5.8	7.2	4.3	5.1	7.0	4.6	5.3	4.4	4.4	5.2	4.1	5.5	5.5	5.3	4.9	5.9	3.7	4.3	3.7	6.0	6.0	5.1
* SPARTAN	4.7	2.8	4.8	5.4	4.8	5.3	6.4	3.3	5.2	6.6	4.0	5.9	5.0	4.9	7.7	1.8	6.1	4.9	6.4	4.8	4.9	4.1	4.3	5.4	6.3	6.3	5.1
* BRIGADE	3.8	2.7	4.9	5.4	4.1	5.6	6.1	3.1	5.1	6.0	4.2	7.0	5.0	4.9	7.3	2.2	5.8	4.7	6.3	5.0	4.9	5.4	4.0	4.9	6.2	6.2	5.1
* QUATRO (FO 143)	3.8	1.8	5.3	4.8	5.1	4.8	4.4	3.5	6.2	6.2	4.1	4.8	4.9	4.6	6.9	2.3	5.8	4.7	6.2	5.0	5.1	5.6	4.8	4.5	6.4	6.4	5.0
MB 66-93	3.8	2.1	5.7	5.5	5.6	5.6	6.4	4.0	5.4	6.3	4.6	6.0	4.3	3.0	5.2	3.4	5.6	5.4	4.4	4.8	5.7	5.1	3.7	3.5	6.2	6.2	4.9
* DARWIN	3.8	2.3	5.5	5.5	5.0	5.2	3.3	2.6	5.8	7.3	4.7	5.2	4.5	4.0	5.7	3.3	5.9	5.5	4.7	5.3	5.8	4.7	4.6	4.4	6.4	6.4	4.9
* ARUBA	3.4	1.3	6.4	5.3	5.2	5.5	6.4	3.5	4.7	6.6	4.6	5.6	4.3	3.9	6.2	3.4	4.8	4.5	4.6	4.5	5.4	4.9	5.0	5.1	6.1	6.1	4.9
* SEABREEZE	3.3	1.5	5.7	5.6	4.6	5.5	3.5	3.4	5.2	5.9	4.6	5.9	4.1	5.0	6.0	3.3	5.0	4.8	5.2	4.4	5.6	4.8	5.1	5.4	6.1	6.1	4.9
* JAMESTOWN	3.8	2.6	5.4	5.3	4.8	5.5	5.8	3.4	5.3	6.9	4.6	5.1	4.0	3.9	5.7	3.5	4.9	5.3	4.7	4.8	5.8	5.1	3.5	3.7	6.3	6.3	4.8
* SCALDIS	3.8	1.9	4.6	5.3	4.5	5.1	5.4	3.5	5.2	6.8	4.0	5.4	4.6	4.9	6.6	1.9	6.4	4.4	4.6	4.2	4.8	4.5	4.1	5.9	5.9	4.8	
* FLYER	3.1	1.3	5.3	5.2	5.2	5.7	6.1	3.5	4.5	6.4	4.8	5.0	4.2	4.5	6.1	3.5	4.6	4.7	4.9	4.4	5.5	4.8	3.7	4.4	6.1	6.1	4.8
CAS-FR13	3.3	1.3	5.8	5.1	5.2	5.9	6.5	3.9	4.3	6.4	4.5	4.7	3.7	4.3	6.2	3.4	4.4	4.7	4.8	4.1	5.5	4.3	3.9	3.4	6.4	6.4	4.7
* PAMELA	3.7	1.6	4.5	5.2	4.3	4.7	5.3	3.4	5.1	6.0	4.1	5.5	4.2	4.0	6.9	2.3	6.0	4.4	5.8	4.5	4.3	5.0	4.1	5.3	6.0	6.0	4.7

TABLE 1A. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S.
1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	LA1	MA1	ME1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
* MEDINA	3.3	1.5	6.1	5.7	4.5	5.1	4.4	3.1	5.5	6.8	4.8	5.1	4.2	3.5	4.4	3.3	5.2	5.4	4.4	4.7	5.7	3.7	3.7	3.9	6.2	6.2	4.6
BAR FRR 4ZBD	2.2	1.3	5.8	5.0	4.5	5.9	6.3	3.4	4.8	6.6	4.8	5.0	3.9	3.8	5.6	3.3	3.5	4.4	4.1	4.2	5.7	4.9	4.0	3.7	6.3	6.3	4.6
* MOLINDA	3.8	1.8	5.6	5.4	4.4	5.4	5.1	3.9	5.2	6.8	4.3	4.4	4.2	3.4	5.1	3.6	4.3	5.2	4.5	4.6	5.6	3.9	2.8	3.1	6.2	6.2	4.6
* RONDO	3.2	1.1	6.5	5.4	4.3	4.9	3.8	3.6	4.5	5.8	4.1	5.5	3.7	4.0	5.5	3.5	4.2	4.8	4.9	4.1	5.3	5.0	4.6	4.8	6.0	6.0	4.6
* DAWSON	3.6	1.1	5.4	5.8	4.7	4.8	3.2	3.2	4.3	6.0	4.0	5.4	3.4	3.9	5.7	3.3	4.3	4.5	5.2	3.6	5.3	4.3	4.3	5.6	6.0	6.0	4.5
* SILVERLAWN (WVPB-STCR-101)	2.6	1.3	5.0	4.2	3.9	5.0	5.6	3.4	3.9	6.4	4.3	5.0	3.2	3.8	6.0	3.7	3.5	4.2	3.7	4.0	4.3	5.6	5.3	4.0	6.0	6.0	4.4
* CASCADE	3.5	2.7	4.9	5.1	4.5	4.7	5.3	4.0	4.2	6.2	4.5	5.1	2.8	3.0	5.4	3.0	4.1	4.5	3.8	4.2	5.0	5.2	3.1	3.7	5.6	5.6	4.4
BAR UR 204	3.3	1.2	5.9	4.7	4.7	5.4	5.9	3.2	4.0	6.0	4.3	4.8	3.1	3.7	5.4	3.8	4.0	4.2	3.8	3.9	5.0	4.5	3.1	3.7	5.3	5.3	4.4
* COMMON CREEPING 67135	2.6	1.2	5.7	5.1	4.9	5.3	5.0	3.2	4.0	5.9	4.2	4.6	2.8	3.8	5.4	2.9	3.8	4.1	3.8	3.9	5.1	4.3	3.6	3.9	5.6	5.6	4.2
	2.2	1.1	3.5	3.1	5.4	4.4	3.7	3.3	3.6	4.8	3.5	3.3	2.1	3.6	4.7	2.2	2.3	3.7	2.8	2.9	3.4	5.6	3.3	3.3	5.7	5.7	3.5
LSD VALUE	0.5	0.6	0.6	0.6	0.8	0.5	0.8	1.3	0.7	0.6	1.8	1.3	0.6	0.6	0.8	0.8	0.7	0.6	0.5	0.6	0.5	0.8	0.7	0.7	0.5	0.5	0.2
C.V. (%)	14.6	28.4	12.6	12.7	18.6	9.1	15.3	31.1	14.8	9.7	43.0	12.4	14.5	15.0	13.0	28.8	13.6	13.1	10.5	14.4	11.0	10.2	8.7	10.0	9.1	9.1	16.1

TABLE 1B.

MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/
1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	LA1	MA1	ME1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
SEABREEZE	3.3	1.5	5.7	5.6	4.6	5.5	3.5	3.4	5.2	5.9	4.6	5.9	4.1	5.0	6.0	3.3	5.0	4.8	5.2	4.4	5.6	4.8	5.1	5.4	6.1	6.1	4.9
DAWSON	3.6	1.1	5.4	5.8	4.7	4.8	3.2	3.2	4.3	6.0	4.0	5.4	3.4	3.9	5.7	3.3	4.3	4.5	5.2	3.6	5.3	4.3	4.3	5.6	6.0	6.0	4.5
LSD VALUE	0.4	0.4	0.9	0.8	1.0	0.5	1.9	1.4	0.6	0.6	2.2	0.8	0.5	0.6	1.2	0.7	1.3	0.8	0.4	0.7	0.5	1.3	0.5	0.7	0.5	0.5	0.2
C.V. (%)	13.0	35.2	19.6	17.3	27.8	9.5	68.9	37.6	13.4	11.3	53.8	7.0	14.9	17.9	20.4	26.0	30.1	18.3	10.3	17.4	11.1	17.4	7.0	8.4	8.8	8.8	23.0

TABLE 1C.

MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/
1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	LA1	MA1	ME1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
QUATRO (FO 143)	3.8	1.8	5.3	4.8	5.1	4.8	4.4	3.5	6.2	6.2	4.1	4.8	4.9	4.6	6.9	2.3	5.8	4.7	6.2	5.0	5.1	5.6	4.8	4.5	6.4	6.4	5.0
67135	2.2	1.1	3.5	3.1	5.4	4.4	3.7	3.3	3.6	4.8	3.5	3.3	2.1	3.6	4.7	2.2	2.3	3.7	2.8	2.9	3.4	5.6	3.3	3.3	5.7	5.7	3.5
LSD VALUE	0.8	0.5	0.7	0.5	0.8	0.7	1.1	0.8	0.7	0.5	1.9	1.8	0.5	0.8	0.7	0.9	0.9	1.1	0.4	0.8	0.5	0.8	1.0	0.8	0.7	0.7	0.2
C.V. (%)	27.3	34.9	19.4	17.2	17.8	17.3	35.2	21.1	14.9	9.3	53.6	27.0	18.9	25.0	8.7	47.6	23.2	28.2	10.3	22.0	14.3	8.4	14.9	12.7	11.7	11.7	21.7

* COMMERCIALY AVAILABLE IN THE USA IN 1998.

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 1D.

MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/
1994-97 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	IA1	MA1	ME1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
SHADOW II (PST-44D)	4.5	2.7	6.8	6.1	6.2	5.9	7.6	3.8	5.8	7.3	4.9	5.7	6.6	6.0	5.7	4.1	6.8	5.9	6.2	5.0	5.9	5.5	6.3	5.8	6.1	6.1	5.8
BANNER III (MB 61-93)	4.3	3.0	6.3	5.9	5.8	6.0	7.6	3.6	6.0	7.1	4.6	5.6	5.8	5.1	6.6	4.4	6.0	5.5	6.0	5.1	5.7	5.3	5.8	5.0	6.3	6.3	5.6
BRITTANY	4.6	3.4	6.0	5.9	5.8	6.2	7.6	4.3	5.6	7.1	4.8	5.5	5.9	5.0	6.7	4.4	5.6	5.3	6.2	5.2	5.8	5.3	5.0	5.0	6.2	6.2	5.6
SR 5100	4.4	4.2	6.0	5.9	5.7	5.5	7.5	4.7	5.5	7.2	4.9	4.8	5.6	5.1	6.6	4.5	5.8	6.1	6.0	5.3	5.6	5.6	4.4	5.5	6.4	6.4	5.6
CULUMBRA (MB 64-93)	4.0	2.7	6.2	6.0	5.6	6.2	7.6	4.4	5.9	7.4	4.8	5.4	5.7	5.0	6.2	4.3	5.9	5.9	5.9	5.0	6.0	5.9	5.9	4.0	6.5	6.5	5.6
ECO (MB 63-93)	4.4	3.1	6.0	5.7	5.4	6.0	7.6	3.9	5.7	7.1	4.5	6.3	5.8	4.3	6.3	4.4	5.6	5.7	5.5	5.1	5.8	5.3	5.6	5.2	6.1	6.1	5.5
VICTORY II (PICK 4-91W)	4.4	2.8	6.5	5.9	5.8	5.9	7.6	3.7	5.6	7.4	4.9	5.5	5.8	5.3	6.5	4.3	6.0	5.9	6.1	5.3	5.7	4.8	5.1	4.4	6.3	6.3	5.5
NJ F-93	4.2	3.0	5.8	5.7	5.1	5.7	7.5	4.0	5.6	7.6	4.8	5.0	6.3	5.5	6.6	4.2	5.5	5.9	5.9	5.2	5.9	5.2	5.4	4.7	6.3	6.3	5.5
TIFFANY	4.2	2.6	5.9	6.1	5.7	5.7	7.3	3.3	5.7	7.1	4.8	5.8	5.6	5.0	5.4	4.2	5.8	6.2	5.7	5.2	5.9	5.9	5.7	5.0	6.4	6.4	5.5
BRIDGEPORT	4.6	4.0	5.7	5.9	4.9	5.7	7.4	4.0	5.4	6.9	4.9	5.3	5.6	5.1	6.3	4.5	5.9	5.4	5.8	5.0	5.6	5.3	5.4	4.4	6.6	6.6	5.5
TREAZURE (ZPS-MG)	4.4	2.9	6.2	5.8	5.5	5.8	6.5	3.8	5.6	6.8	4.9	5.6	5.6	4.8	6.6	3.9	6.0	5.8	5.6	4.8	5.8	5.1	5.1	5.2	6.3	6.3	5.4
WX3-FF54	4.4	3.4	6.1	5.9	5.5	5.9	6.3	3.8	5.6	7.2	4.5	5.1	5.4	4.3	6.5	3.6	5.4	5.6	5.6	5.3	5.9	4.9	4.6	4.7	6.3	6.3	5.3
K-2 (MB 65-93)	4.1	3.0	6.2	6.0	5.4	6.1	6.6	3.1	5.8	7.3	4.8	5.8	5.1	3.8	5.7	3.9	5.5	5.7	5.4	4.9	5.9	5.5	4.6	4.3	6.1	6.1	5.3
TMI-3CE	4.4	3.0	5.8	5.7	5.3	5.9	7.0	4.6	5.2	7.0	4.4	5.1	5.2	4.6	5.9	4.0	5.8	5.7	5.7	4.8	5.4	4.8	4.5	4.8	6.1	6.1	5.3
SANDPIPER (PRO 92/20)	4.3	3.5	5.7	5.8	5.4	5.6	7.3	4.3	4.8	7.0	5.2	5.4	5.0	4.2	5.8	3.9	5.6	5.7	5.6	5.0	5.5	5.3	4.6	4.0	6.0	6.0	5.3
JAMESTOWN II	3.9	2.8	6.2	6.0	5.1	5.6	6.5	4.0	5.1	6.9	4.6	5.4	4.6	4.3	6.4	4.1	5.8	5.4	5.6	5.1	5.6	6.0	4.9	4.5	6.2	6.2	5.2
VICTORY (E)	4.4	3.3	6.2	5.7	5.6	5.6	7.0	3.6	5.1	6.5	4.6	5.8	4.8	4.5	5.4	4.1	5.8	5.5	5.4	5.0	5.4	5.1	3.7	4.2	5.9	5.9	5.2
BANNER II	4.1	2.4	5.9	5.5	4.8	5.5	6.9	4.5	5.4	6.9	4.8	5.4	4.5	4.4	6.2	3.7	5.4	5.3	5.3	4.7	5.5	4.7	4.4	4.2	6.2	6.2	5.1
SHADOW (E)	4.1	2.5	5.9	5.6	4.5	5.5	6.3	3.6	5.7	6.8	4.8	5.0	4.9	4.4	5.9	3.9	5.6	5.6	5.3	4.7	5.6	5.8	4.1	4.0	6.2	6.2	5.1
ISI-FC-62	3.9	3.5	5.9	5.9	5.0	5.8	7.2	4.3	5.1	7.0	4.6	5.3	4.4	4.4	5.2	4.1	5.5	5.5	5.3	4.9	5.9	3.7	4.3	3.7	6.0	6.0	5.1
MB 66-93	3.8	2.1	5.7	5.5	5.6	5.6	6.4	4.0	5.4	6.3	4.6	6.0	4.3	3.0	5.2	3.4	5.6	5.4	4.4	4.8	5.7	5.1	3.7	3.5	6.2	6.2	4.9
DARWIN	3.8	2.3	5.5	5.5	5.0	5.2	3.3	2.6	5.8	7.3	4.7	5.2	4.5	4.0	5.7	3.3	5.9	5.5	4.7	5.3	5.8	4.7	4.6	4.4	6.4	6.4	4.9
JAMESTOWN	3.8	2.6	5.4	5.3	4.8	5.5	5.8	3.4	5.3	6.9	4.6	5.1	4.0	3.9	5.7	3.5	4.9	5.3	4.7	4.8	5.8	5.1	3.5	3.7	6.3	6.3	4.8
MEDINA	3.3	1.5	6.1	5.7	4.5	5.1	4.4	3.1	5.5	6.8	4.8	5.1	4.2	3.5	4.4	3.3	5.2	5.4	4.4	4.7	5.7	3.7	3.7	3.9	6.2	6.2	4.6
MOLINDA	3.8	1.8	5.6	5.4	4.4	5.4	5.1	3.9	5.2	6.8	4.3	4.4	4.2	3.4	5.1	3.6	4.3	5.2	4.5	4.6	5.6	3.9	2.8	3.1	6.2	6.2	4.6
CASCADE	3.5	2.7	4.9	5.1	4.5	4.7	5.3	4.0	4.2	6.2	4.5	5.1	2.8	3.0	5.4	3.0	4.1	4.5	3.8	4.2	5.0	5.2	3.1	3.7	5.6	5.6	4.4
LSD VALUE	0.3	0.7	0.5	0.5	0.7	0.5	0.7	1.4	0.7	0.6	1.6	1.1	0.6	0.5	0.9	0.6	0.6	0.5	0.4	0.6	0.4	0.8	0.7	0.7	0.5	0.5	0.1
C.V. (%)	7.5	25.7	10.3	11.4	16.4	8.8	12.8	32.4	13.2	8.9	37.1	12.2	14.6	14.9	14.9	20.1	11.0	10.3	10.1	13.2	8.6	9.8	8.8	10.5	8.7	8.7	14.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 1E.

MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/
1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	LA1	MA1	ME1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
FLORENTINE (PST-4VB ENDO.)	3.5	1.2	6.7	6.2	5.3	6.1	7.6	3.8	5.6	7.6	4.9	5.2	6.3	5.6	6.8	4.3	5.4	6.0	6.1	4.9	5.7	5.2	5.3	5.0	6.2	6.2	5.5
PST-4ST	3.8	1.2	6.6	6.0	5.6	5.4	7.5	4.1	5.3	7.2	4.9	5.8	5.8	5.6	6.8	3.9	5.3	5.3	6.1	4.8	5.9	5.0	4.4	4.9	6.3	6.3	5.4
PST-4DT	3.2	1.2	6.3	5.9	5.4	5.9	7.7	3.5	5.4	6.9	4.7	5.6	5.5	5.2	6.7	4.3	5.0	5.2	5.7	4.5	5.6	5.7	5.2	4.9	6.3	6.3	5.3
SHADEMASTER II	2.9	1.2	6.5	5.4	5.8	6.4	7.4	3.9	5.0	7.4	5.4	5.6	5.7	5.1	6.5	3.7	5.0	5.0	5.7	4.7	5.9	4.6	4.6	5.1	6.4	6.4	5.3
JASPER (E)	3.9	1.5	6.5	5.2	4.8	5.9	7.4	3.6	5.3	6.8	4.9	6.3	5.1	5.4	6.8	4.2	5.1	5.3	5.6	4.7	5.4	5.4	4.9	4.8	6.0	6.0	5.3
WX3-FFG6	4.2	2.9	6.0	5.3	4.4	5.5	6.5	4.7	5.3	6.8	4.5	5.7	4.6	4.8	6.2	4.1	5.7	5.5	5.2	5.1	5.5	5.8	4.7	5.0	6.1	6.1	5.3
FLYER II (ZPS-4BN)	3.9	1.3	6.1	5.9	5.0	6.0	7.2	3.5	4.8	7.2	4.9	4.8	5.7	5.1	5.9	3.7	5.0	5.1	5.2	4.6	5.7	4.7	4.8	5.1	6.4	6.4	5.2
ARUBA	3.4	1.3	6.4	5.3	5.2	5.5	6.4	3.5	4.7	6.6	4.6	5.6	4.3	3.9	6.2	3.4	4.8	4.5	4.6	4.5	5.4	4.9	5.0	5.1	6.1	6.1	4.9
FLYER	3.1	1.3	5.3	5.2	5.2	5.7	6.1	3.5	4.5	6.4	4.8	5.0	4.2	4.5	6.1	3.5	4.6	4.7	4.9	4.4	5.5	4.8	3.7	4.4	6.1	6.1	4.8
CAS-FR13	3.3	1.3	5.8	5.1	5.2	5.9	6.5	3.9	4.3	6.4	4.5	4.7	3.7	4.3	6.2	3.4	4.4	4.7	4.8	4.1	5.5	4.3	3.9	3.4	6.4	6.4	4.7
BAR FRR 4ZBD	2.2	1.3	5.8	5.0	4.5	5.9	6.3	3.4	4.8	6.6	4.8	5.0	3.9	3.8	5.6	3.3	3.5	4.4	4.1	4.2	5.7	4.9	4.0	3.7	6.3	6.3	4.6
RONDO	3.2	1.1	6.5	5.4	4.3	4.9	3.8	3.6	4.5	5.8	4.1	5.5	3.7	4.0	5.5	3.5	4.2	4.8	4.9	4.1	5.3	5.0	4.6	4.8	6.0	6.0	4.6
SILVERLAWN (WVPB-STCR-101)	2.6	1.3	5.0	4.2	3.9	5.0	5.6	3.4	3.9	6.4	4.3	5.0	3.2	3.8	6.0	3.7	3.5	4.2	3.7	4.0	4.3	5.6	5.3	4.0	6.0	6.0	4.4
BAR UR 204	3.3	1.2	5.9	4.7	4.7	5.4	5.9	3.2	4.0	6.0	4.3	4.8	3.1	3.7	5.4	3.8	4.0	4.2	3.8	3.9	5.0	4.5	3.1	3.7	5.3	5.3	4.4
COMMON CREEPING	2.6	1.2	5.7	5.1	4.9	5.3	5.0	3.2	4.0	5.9	4.2	4.6	2.8	3.8	5.4	2.9	3.8	4.1	3.8	3.9	5.1	4.3	3.6	3.9	5.6	5.6	4.2
LSD VALUE	0.4	0.3	0.6	0.6	0.7	0.5	0.6	1.1	0.9	0.5	1.7	0.8	0.6	0.5	0.6	0.8	0.6	0.7	0.5	0.7	0.5	0.7	0.7	0.8	0.5	0.5	0.1
C.V. (%)	14.7	26.5	13.1	14.1	18.4	9.5	12.1	26.6	19.2	8.0	39.6	8.2	15.8	14.9	10.8	26.6	13.9	14.5	13.3	17.6	11.1	9.0	10.1	11.3	9.4	9.4	16.0

TABLE 1F.

MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/
1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	LA1	MA1	ME1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
DISCOVERY	4.5	2.5	5.9	5.5	4.4	5.8	7.0	3.0	5.6	7.0	4.3	7.0	6.6	6.5	7.2	3.3	6.8	5.4	7.1	5.2	5.4	4.7	5.6	6.1	6.3	6.3	5.6
RELIANT II	4.3	2.2	5.3	5.6	5.4	5.8	6.8	3.0	5.4	6.3	4.3	6.3	5.4	5.7	7.2	3.0	6.9	5.5	7.2	5.0	4.9	5.4	5.0	5.9	6.5	6.5	5.4
SR 3100	5.2	2.3	5.3	5.8	4.2	5.5	6.4	3.5	5.6	6.8	4.1	5.2	6.2	5.9	7.2	2.5	6.8	6.2	7.3	4.7	5.2	5.1	5.3	5.4	6.2	6.2	5.4
MB 82-93	4.0	2.6	5.8	5.7	4.3	5.6	7.2	4.5	5.5	7.0	4.5	4.9	5.7	4.7	7.2	3.2	5.9	5.7	6.6	5.0	5.7	4.7	5.6	5.3	6.2	6.2	5.4
OSPREY (PRO 92/24)	4.9	2.3	5.8	5.3	5.5	5.5	7.0	3.1	5.3	6.9	4.0	6.8	5.2	5.3	6.0	2.1	6.7	5.7	7.0	5.3	5.1	5.1	5.1	5.4	6.1	6.1	5.4
DEFIANT (MB 81-93)	4.6	2.0	5.1	5.2	5.0	5.4	6.5	3.3	5.3	6.9	4.2	7.8	5.7	5.6	6.9	2.8	6.3	5.7	6.9	4.8	5.4	4.9	4.9	4.6	6.6	6.6	5.4
NORDIC	4.5	2.3	4.7	5.8	4.6	5.5	5.9	3.2	5.3	6.6	4.1	7.0	5.4	5.0	7.2	2.7	6.5	4.8	6.8	5.2	5.0	4.8	5.1	4.5	6.2	6.2	5.2
ECOSTAR	4.4	2.2	5.2	5.6	4.6	5.5	6.2	2.9	5.2	6.7	4.5	6.5	5.9	5.0	7.1	2.3	6.1	5.4	6.8	5.0	5.2	4.5	4.6	5.1	6.2	6.2	5.2
VERNON (MB 83-93)	4.6	2.4	4.8	5.7	4.0	5.4	6.2	3.6	5.4	6.5	4.2	6.3	5.1	5.1	7.2	2.3	6.3	5.4	6.3	4.9	4.8	5.1	5.8	4.7	6.4	6.4	5.2
AURORA W/ENDO.	5.0	1.9	4.6	5.6	4.5	5.6	6.0	2.9	5.2	6.9	4.4	5.9	5.5	4.8	7.2	2.1	5.9	4.9	6.5	5.4	5.2	5.0	4.5	5.6	6.5	6.5	5.2
SPARTAN	4.7	2.8	4.8	5.4	4.8	5.3	6.4	3.3	5.2	6.6	4.0	5.9	5.0	4.9	7.7	1.8	6.1	4.9	6.4	4.8	4.9	4.1	4.3	5.4	6.3	6.3	5.1
BRIGADE	3.8	2.7	4.9	5.4	4.1	5.6	6.1	3.1	5.1	6.0	4.2	7.0	5.0	4.9	7.3	2.2	5.8	4.7	6.3	5.0	4.9	5.4	4.0	4.9	6.2	6.2	5.1
SCALDIS	3.8	1.9	4.6	5.3	4.5	5.1	5.4	3.5	5.2	6.8	4.0	5.4	4.6	4.9	6.6	1.9	6.4	4.4	6.4	4.6	4.2	4.8	4.5	4.1	5.9	5.9	4.8
PAMELA	3.7	1.6	4.5	5.2	4.3	4.7	5.3	3.4	5.1	6.0	4.1	5.5	4.2	4.0	6.9	2.3	6.0	4.4	5.8	4.5	4.3	5.0	4.1	5.3	6.0	6.0	4.7
LSD VALUE	0.8	0.7	0.6	0.5	0.8	0.4	0.7	1.2	0.7	0.8	2.1	2.2	0.5	0.6	0.7	1.0	0.8	0.7	0.5	0.6	0.6	0.9	0.5	0.7	0.5	0.5	0.2
C.V. (%)	20.6	31.2	14.3	12.3	22.1	8.0	14.6	33.0	13.3	12.4	54.8	16.1	12.7	13.4	11.4	52.7	13.6	13.8	8.9	12.0	14.7	11.4	6.2	8.1	9.1	9.1	17.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 2A.

MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS FOR EACH
 MONTH GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/
 1994-97 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
SHADOW II (PST-44D)	3.4	3.5	5.5	5.7	6.0	5.8	5.6	5.5	5.8	6.1	5.6	4.4	5.8
SR 5100	4.0	4.3	5.6	5.8	5.9	5.8	5.4	5.3	5.5	5.8	5.6	5.1	5.6
BANNER III (MB 61-93)	3.1	3.3	5.4	5.6	5.9	5.6	5.3	5.2	5.7	5.9	5.7	4.6	5.6
VICTORY II (PICK 4-91W)	3.2	3.7	5.7	5.7	5.9	5.6	5.3	5.2	5.5	5.9	5.4	4.1	5.6
BRITTANY	3.6	4.3	5.7	5.7	5.8	5.6	5.4	5.2	5.6	5.9	5.5	4.7	5.6
CULUMBRA (MB 64-93)	2.8	3.3	5.9	5.8	6.0	5.8	5.4	5.1	5.3	5.6	5.3	4.5	5.6
FLORENTINE (PST-4VB ENDO.)	2.3	2.3	5.0	5.4	5.8	5.5	5.5	5.2	5.5	5.8	5.3	4.2	5.6
DISCOVERY	3.1	2.8	4.3	5.1	5.8	5.7	5.7	5.2	5.5	5.7	5.4	4.4	5.6
NJ F-93	3.2	3.5	5.3	5.8	5.9	5.6	5.2	5.1	5.4	5.8	5.7	4.6	5.6
BRIDGEFORT	3.8	4.0	5.7	5.8	5.7	5.6	5.2	5.1	5.3	5.7	5.5	4.7	5.5
TIFFANY	3.3	3.4	5.3	5.6	5.6	5.4	5.3	5.1	5.4	5.8	5.5	4.2	5.5
ECO (MB 63-93)	3.4	3.7	5.7	5.5	5.6	5.4	5.2	5.1	5.4	5.7	5.4	4.6	5.5
PST-4ST	2.3	2.6	5.1	5.3	5.7	5.5	5.4	5.0	5.3	5.6	5.2	3.9	5.5
TREAZURE (ZPS-MG)	3.0	3.2	5.2	5.5	5.8	5.5	5.2	5.0	5.2	5.6	5.3	4.4	5.4
SR 3100	3.7	3.5	4.3	5.1	5.6	5.7	5.5	4.9	5.2	5.6	5.6	4.4	5.4
RELIANT II	2.9	2.9	4.1	4.9	5.6	5.6	5.5	5.1	5.3	5.5	5.3	3.8	5.4
MB 82-93	2.8	3.5	5.1	5.3	5.5	5.4	5.2	5.0	5.4	5.6	5.2	4.3	5.4
WX3-FF54	3.3	3.7	5.0	5.5	5.7	5.4	5.1	4.9	5.2	5.5	5.2	4.4	5.4
SHADEMASTER II	1.9	2.2	5.0	5.3	5.6	5.4	5.3	4.8	5.2	5.5	5.0	3.5	5.4
PST-4DT	2.0	2.1	4.8	5.3	5.5	5.3	5.2	4.9	5.5	5.5	5.1	3.6	5.4
TMI-3CE	3.3	3.9	5.2	5.3	5.7	5.4	5.0	5.0	5.2	5.4	5.3	4.2	5.3
OSPREY (PRO 92/24)	3.3	3.1	4.5	5.1	5.6	5.6	5.4	5.0	5.1	5.2	5.2	4.1	5.3
K-2 (MB 65-93)	3.0	3.0	5.2	5.4	5.7	5.5	5.1	4.8	5.1	5.3	4.9	4.1	5.3
SANDPIPER (PRO 92/20)	3.8	4.0	5.3	5.4	5.6	5.4	5.1	4.9	5.1	5.4	5.1	4.2	5.3
DEFIANT (MB 81-93)	2.9	2.9	4.4	4.9	5.4	5.4	5.3	4.9	5.2	5.3	5.3	4.2	5.3
JASPER (E)	2.5	2.9	5.0	5.2	5.4	5.2	5.1	4.9	5.3	5.6	5.2	4.0	5.3
JAMESTOWN II	2.8	3.1	4.8	5.3	5.5	5.4	5.1	4.8	5.0	5.2	4.9	4.2	5.3
VICTORY (E)	3.4	3.7	5.5	5.5	5.4	5.2	4.9	4.8	5.2	5.4	5.0	4.2	5.2
WX3-FFG6	3.1	4.0	5.1	5.4	5.5	5.2	5.0	4.7	5.1	5.3	5.1	4.6	5.2
FLYER II (ZPS-4BN)	2.3	2.5	4.8	5.1	5.6	5.3	5.0	4.7	5.1	5.5	5.0	3.8	5.2
ECOSTAR	3.0	2.9	4.3	4.9	5.4	5.5	5.3	4.8	5.0	5.2	5.0	3.8	5.2
ISI-FC-62	3.0	3.7	5.4	5.4	5.6	5.3	4.9	4.7	4.9	5.3	5.0	4.3	5.2
NORDIC	2.8	3.1	4.3	5.0	5.5	5.4	5.2	4.8	4.9	5.1	4.8	4.1	5.2
BANNER II	2.7	3.5	5.0	5.2	5.3	5.2	4.9	4.7	5.0	5.3	4.8	4.1	5.1
SHADOW (E)	3.0	3.4	5.2	5.4	5.4	5.2	4.8	4.7	5.0	5.2	4.8	3.9	5.1
AURORA W/ENDO.	3.2	3.1	3.9	4.9	5.4	5.4	5.2	4.8	4.9	5.0	4.9	3.7	5.1
VERNON (MB 83-93)	3.0	3.2	4.3	4.9	5.4	5.4	5.1	4.6	4.9	5.0	5.0	4.2	5.1
SPARTAN	3.8	3.4	4.4	4.8	5.4	5.3	5.0	4.6	4.8	5.0	4.9	4.2	5.1
BRIGADE	2.7	2.9	4.2	4.8	5.2	5.1	5.0	4.6	4.8	5.0	4.8	3.9	5.0
MB 66-93	2.5	2.9	4.7	5.0	5.2	5.1	4.8	4.5	4.6	4.9	4.2	3.3	4.9
QUATRO (FO 143)	2.8	2.5	3.9	4.8	5.1	5.0	4.9	4.6	4.7	4.7	4.8	3.6	4.9
JAMESTOWN	2.8	2.9	4.6	5.1	5.2	5.0	4.7	4.4	4.5	4.8	4.4	3.6	4.9
ARUBA	2.0	2.3	4.6	4.8	4.9	5.0	4.9	4.5	4.6	4.8	4.3	3.2	4.8
DARWIN	2.5	2.5	3.8	4.9	5.4	5.1	4.7	4.4	4.5	4.6	4.5	3.5	4.8
FLYER	1.8	2.2	4.5	4.8	5.1	4.9	4.7	4.2	4.5	4.8	4.5	3.6	4.8
SCALDIS	2.7	2.6	3.8	4.6	5.1	5.0	4.8	4.4	4.5	4.6	4.6	3.5	4.8
SEABREEZE	2.1	2.2	3.8	4.7	5.1	5.1	4.8	4.3	4.2	4.5	4.4	3.3	4.8
CAS-FR13	2.0	2.3	4.6	4.9	5.1	4.8	4.5	4.2	4.4	4.9	4.5	3.2	4.8
MEDINA	2.0	2.1	3.9	4.9	5.2	4.8	4.4	4.2	4.3	4.7	4.2	3.0	4.7

TABLE 2A. (CONT'D) MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS FOR EACH MONTH GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
MLINDA	2.4	2.7	4.6	4.7	5.0	4.8	4.4	4.2	4.3	4.7	4.3	3.5	4.7
PAMELA	2.3	2.8	3.8	4.4	4.9	4.8	4.7	4.3	4.3	4.6	4.2	3.3	4.6
BAR FRR 4ZBD	1.3	1.6	4.5	4.7	5.0	4.7	4.5	4.1	4.3	4.5	4.0	2.8	4.6
RONDO	2.1	2.3	3.3	4.4	5.0	5.0	4.5	4.0	4.0	4.3	3.9	2.9	4.5
DAWSON	2.3	2.4	3.3	4.3	4.8	4.9	4.5	3.8	3.9	4.0	4.2	3.1	4.4
BAR UR 204	2.1	2.3	4.1	4.3	4.4	4.3	4.3	4.0	4.2	4.5	3.9	3.0	4.4
CASCADE	2.7	3.1	4.6	4.4	4.5	4.5	4.1	3.9	4.0	4.3	4.0	3.6	4.3
SILVERLAWN (WVPB-STCR-101)	1.6	1.9	4.0	4.3	4.6	4.4	4.2	3.8	3.9	4.1	3.9	3.2	4.3
COMMON CREEPING	1.8	1.9	3.7	4.2	4.8	4.6	4.1	3.7	3.8	4.0	3.7	2.6	4.2
67135	1.5	2.1	3.3	3.4	3.4	3.3	3.2	3.2	3.3	3.5	3.5	2.4	3.4
LSD VALUE	1.1	0.9	0.9	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.7	0.3
C.V. (%)	49.0	41.6	45.2	34.1	29.7	29.7	32.7	36.9	36.8	35.8	37.2	42.6	26.8

TABLE 2B. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS FOR EACH MONTH GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/ 1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
SEABREEZE	2.1	2.2	3.8	4.7	5.1	5.1	4.8	4.3	4.2	4.5	4.4	3.3	4.8
DAWSON	2.3	2.4	3.3	4.3	4.8	4.9	4.5	3.8	3.9	4.0	4.2	3.1	4.4
LSD VALUE	1.1	0.9	1.0	0.5	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.3
C.V. (%)	59.2	55.7	66.8	41.9	37.1	35.3	36.8	45.4	49.1	46.1	43.3	50.6	32.9

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS FOR EACH MONTH GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/ 1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
QUATRO (FO 143)	2.8	2.5	3.9	4.8	5.1	5.0	4.9	4.6	4.7	4.7	4.8	3.6	4.9
67135	1.5	2.1	3.3	3.4	3.4	3.3	3.2	3.2	3.3	3.5	3.5	2.4	3.4
LSD VALUE	1.3	1.0	0.8	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.6	0.7	0.3
C.V. (%)	73.2	58.1	55.7	44.1	36.9	37.5	40.9	46.4	45.2	47.3	49.8	55.1	34.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 2D.

MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS FOR EACH
MONTH GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/
1994-97 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
SHADOW II (PST-44D)	3.4	3.5	5.5	5.7	6.0	5.8	5.6	5.5	5.8	6.1	5.6	4.4	5.8
SR 5100	4.0	4.3	5.6	5.8	5.9	5.8	5.4	5.3	5.5	5.8	5.6	5.1	5.6
BANNER III (MB 61-93)	3.1	3.3	5.4	5.6	5.9	5.6	5.3	5.2	5.7	5.9	5.7	4.6	5.6
VICTORY II (PICK 4-91W)	3.2	3.7	5.7	5.7	5.9	5.6	5.3	5.2	5.5	5.9	5.4	4.1	5.6
BRITTANY	3.6	4.3	5.7	5.7	5.8	5.6	5.4	5.2	5.6	5.9	5.5	4.7	5.6
CULUMBRA (MB 64-93)	2.8	3.3	5.9	5.8	6.0	5.8	5.4	5.1	5.3	5.6	5.3	4.5	5.6
NJ F-93	3.2	3.5	5.3	5.8	5.9	5.6	5.2	5.1	5.4	5.8	5.7	4.6	5.6
BRIDGEPORT	3.8	4.0	5.7	5.8	5.7	5.6	5.2	5.1	5.3	5.7	5.5	4.7	5.5
TIFFANY	3.3	3.4	5.3	5.6	5.6	5.4	5.3	5.1	5.4	5.8	5.5	4.2	5.5
ECO (MB 63-93)	3.4	3.7	5.7	5.5	5.6	5.4	5.2	5.1	5.4	5.7	5.4	4.6	5.5
TREAZURE (ZPS-MG)	3.0	3.2	5.2	5.5	5.8	5.5	5.2	5.0	5.2	5.6	5.3	4.4	5.4
WX3-FF54	3.3	3.7	5.0	5.5	5.7	5.4	5.1	4.9	5.2	5.5	5.2	4.4	5.4
TMI-3CE	3.3	3.9	5.2	5.3	5.7	5.4	5.0	5.0	5.2	5.4	5.3	4.2	5.3
K-2 (MB 65-93)	3.0	3.0	5.2	5.4	5.7	5.5	5.1	4.8	5.1	5.3	4.9	4.1	5.3
SANDEPIPER (PRO 92/20)	3.8	4.0	5.3	5.4	5.6	5.4	5.1	4.9	5.1	5.4	5.1	4.2	5.3
JAMESTOWN II	2.8	3.1	4.8	5.3	5.5	5.4	5.1	4.8	5.0	5.2	4.9	4.2	5.3
VICTORY (E)	3.4	3.7	5.5	5.5	5.4	5.2	4.9	4.8	5.2	5.4	5.0	4.2	5.2
ISI-FC-62	3.0	3.7	5.4	5.4	5.6	5.3	4.9	4.7	4.9	5.3	5.0	4.3	5.2
BANNER II	2.7	3.5	5.0	5.2	5.3	5.2	4.9	4.7	5.0	5.3	4.8	4.1	5.1
SHADOW (E)	3.0	3.4	5.2	5.4	5.4	5.2	4.8	4.7	5.0	5.2	4.8	3.9	5.1
MB 66-93	2.5	2.9	4.7	5.0	5.2	5.1	4.8	4.5	4.6	4.9	4.2	3.3	4.9
JAMESTOWN	2.8	2.9	4.6	5.1	5.2	5.0	4.7	4.4	4.5	4.8	4.4	3.6	4.9
DARWIN	2.5	2.5	3.8	4.9	5.4	5.1	4.7	4.4	4.5	4.6	4.5	3.5	4.8
MEDINA	2.0	2.1	3.9	4.9	5.2	4.8	4.4	4.2	4.3	4.7	4.2	3.0	4.7
MOLINDA	2.4	2.7	4.6	4.7	5.0	4.8	4.4	4.2	4.3	4.7	4.3	3.5	4.7
CASCADE	2.7	3.1	4.6	4.4	4.5	4.5	4.1	3.9	4.0	4.3	4.0	3.6	4.3
LSD VALUE	0.9	0.8	0.9	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.2
C.V. (%)	38.0	31.6	40.1	30.3	27.3	27.2	29.7	32.7	33.2	31.6	31.6	36.4	23.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 2E.

MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS FOR EACH
MONTH GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/
1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
FLORENTINE (PST-4VB ENDO.)	2.3	2.3	5.0	5.4	5.8	5.5	5.5	5.2	5.5	5.8	5.3	4.2	5.6
PST-4ST	2.3	2.6	5.1	5.3	5.7	5.5	5.4	5.0	5.3	5.6	5.2	3.9	5.5
SHADEMASTER II	1.9	2.2	5.0	5.3	5.6	5.4	5.3	4.8	5.2	5.5	5.0	3.5	5.4
PST-4DT	2.0	2.1	4.8	5.3	5.5	5.3	5.2	4.9	5.5	5.5	5.1	3.6	5.4
JASPER (E)	2.5	2.9	5.0	5.2	5.4	5.2	5.1	4.9	5.3	5.6	5.2	4.0	5.3
WX3-FFG6	3.1	4.0	5.1	5.4	5.5	5.2	5.0	4.7	5.1	5.3	5.1	4.6	5.2
FLYER II (ZPS-4BN)	2.3	2.5	4.8	5.1	5.6	5.3	5.0	4.7	5.1	5.5	5.0	3.8	5.2
ARUBA	2.0	2.3	4.6	4.8	4.9	5.0	4.9	4.5	4.6	4.8	4.3	3.2	4.8
FLYER	1.8	2.2	4.5	4.8	5.1	4.9	4.7	4.2	4.5	4.8	4.5	3.6	4.8
CAS-FR13	2.0	2.3	4.6	4.9	5.1	4.8	4.5	4.2	4.4	4.9	4.5	3.2	4.8
BAR FRR 4ZBD	1.3	1.6	4.5	4.7	5.0	4.7	4.5	4.1	4.3	4.5	4.0	2.8	4.6
RONDO	2.1	2.3	3.3	4.4	5.0	5.0	4.5	4.0	4.0	4.3	3.9	2.9	4.5
BAR UR 204	2.1	2.3	4.1	4.3	4.4	4.3	4.3	4.0	4.2	4.5	3.9	3.0	4.4
SILVERLAWN (WVPB-STCR-101)	1.6	1.9	4.0	4.3	4.6	4.4	4.2	3.8	3.9	4.1	3.9	3.2	4.3
COMMON CREEPING	1.8	1.9	3.7	4.2	4.8	4.6	4.1	3.7	3.8	4.0	3.7	2.6	4.2
LSD VALUE	1.0	0.9	1.0	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.7	0.3
C.V. (%)	59.4	52.2	50.8	37.0	32.4	31.7	35.1	38.6	38.3	37.5	41.0	49.5	28.7

TABLE 2F.

MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS FOR EACH
MONTH GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/
1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
DISCOVERY	3.1	2.8	4.3	5.1	5.8	5.7	5.7	5.2	5.5	5.7	5.4	4.4	5.6
SR 3100	3.7	3.5	4.3	5.1	5.6	5.7	5.5	4.9	5.2	5.6	5.6	4.4	5.4
RELIANT II	2.9	2.9	4.1	4.9	5.6	5.6	5.5	5.1	5.3	5.5	5.3	3.8	5.4
MB 82-93	2.8	3.5	5.1	5.3	5.5	5.4	5.2	5.0	5.4	5.6	5.2	4.3	5.4
OSPREY (PRO 92/24)	3.3	3.1	4.5	5.1	5.6	5.6	5.4	5.0	5.1	5.2	5.2	4.1	5.3
DEFIANT (MB 81-93)	2.9	2.9	4.4	4.9	5.4	5.4	5.3	4.9	5.2	5.3	5.3	4.2	5.3
ECOSTAR	3.0	2.9	4.3	4.9	5.4	5.5	5.3	4.8	5.0	5.2	5.0	3.8	5.2
NORDIC	2.8	3.1	4.3	5.0	5.5	5.4	5.2	4.8	4.9	5.1	4.8	4.1	5.2
AURORA W/ENDO.	3.2	3.1	3.9	4.9	5.4	5.4	5.2	4.8	4.9	5.0	4.9	3.7	5.1
VERNON (MB 83-93)	3.0	3.2	4.3	4.9	5.4	5.4	5.1	4.6	4.9	5.0	5.0	4.2	5.1
SPARTAN	3.8	3.4	4.4	4.8	5.4	5.3	5.0	4.6	4.8	5.0	4.9	4.2	5.1
BRIGADE	2.7	2.9	4.2	4.8	5.2	5.1	5.0	4.6	4.8	5.0	4.8	3.9	5.0
SCALDIS	2.7	2.6	3.8	4.6	5.1	5.0	4.8	4.4	4.5	4.6	4.6	3.5	4.8
PAMELA	2.3	2.8	3.8	4.4	4.9	4.8	4.7	4.3	4.3	4.6	4.2	3.3	4.6
LSD VALUE	1.4	1.1	0.8	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.6	0.7	0.3
C.V. (%)	56.1	48.5	45.9	36.3	29.6	30.6	34.1	40.5	39.5	39.3	41.0	45.3	29.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 3A.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/
1994-97 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	IA1	MA1	ME1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
SHADOW II (PST-44D)	10.0	20.0	1.0	2	1	11.0	7.0	23	6.0	6.0	5.0	19.5	2	2	45.0	13	4.0	7.0	14.0	19.5	2.0	11.0	1.0	3.0	42.0	42.0	1
BANNER III (MB 61-93)	22.0	10.0	10.0	11	2	6.0	3.0	27	2.0	13.0	24.0	23.5	9	13	22.0	4	12.0	19.0	21.0	12.0	18.5	16.5	3.5	19.5	17.0	17.0	2
DISCOVERY	11.0	26.0	25.0	34	51	19.0	23.0	56	12.0	17.0	42.0	3.0	1	1	7.5	39	2.0	27.0	3.0	8.0	35.0	49.0	8.0	1.0	19.0	19.0	3
BRITTANY	8.0	5.0	22.0	12	3	2.0	2.0	9	14.0	15.0	19.0	27.5	7	22	18.0	3	31.0	34.0	15.5	7.0	10.0	16.5	20.0	19.5	29.0	29.0	4
SR 5100	14.5	1.0	19.0	14	7	38.0	10.0	1	19.0	10.0	11.0	53.0	20	18	23.0	2	21.5	3.0	20.0	3.0	28.0	10.0	41.0	6.0	7.0	7.0	5
CULUMBRA (MB 64-93)	29.0	18.0	11.5	6	11	3.0	8.0	6	3.0	3.0	20.5	31.5	14	23	32.0	9	18.0	5.0	23.0	25.0	1.0	2.0	2.0	46.5	5.0	5.0	6
FLORENTINE (PST-4VB ENDO.)	45.0	51.0	2.0	1	22	4.0	5.0	20	15.5	2.0	6.0	39.0	3	5	15.0	6	39.0	4.0	17.0	27.0	16.0	21.5	12.0	21.5	37.0	37.0	7
ECO (MB 63-93)	14.5	8.0	20.0	22	20	7.0	4.0	16	9.0	16.0	36.0	8.5	11	41	28.0	5	29.0	15.0	35.0	15.0	11.0	19.0	6.0	14.0	39.5	39.5	8
VICTORY II (PICK 4-91W)	18.0	15.0	6.5	9	4	10.0	6.0	24	10.0	5.0	3.0	27.5	8	10	25.0	8	14.0	6.0	19.0	4.0	20.0	42.5	18.5	38.0	23.0	23.0	9
NJ F-93	25.0	11.0	29.0	26	27	22.0	9.0	15	11.0	1.0	15.0	48.0	4	8	19.0	10	35.0	8.0	22.0	11.0	8.0	21.5	10.0	30.0	23.0	23.0	10
TIFFANY	24.0	22.0	27.0	3	6	21.0	15.0	43	8.0	14.0	16.0	16.5	18	21	53.0	11	21.5	1.0	28.0	9.0	7.0	3.0	5.0	23.0	10.0	10.0	11
BRIDGEPORT	7.0	2.0	39.0	8	33	23.0	14.0	11	26.0	28.0	8.0	36.5	19	14	29.0	1	16.5	29.0	24.0	23.0	23.0	19.0	9.0	37.0	1.0	1.0	12
RELIANT II	21.0	33.0	46.0	29	15	20.0	25.0	55	25.0	48.0	41.0	8.5	25	4	5.0	44	1.0	20.0	2.0	19.5	52.0	14.0	21.5	2.0	3.0	3.0	13
TREAZURE (ZPS-MG)	17.0	14.0	14.0	17	13	18.0	29.0	21	15.5	33.0	9.5	21.0	17	28	20.0	21	15.0	9.0	33.0	31.0	13.0	27.5	15.5	13.0	21.0	21.0	14
SR 3100	1.0	29.0	47.0	20	56	39.0	33.5	32	13.0	35.0	53.0	39.0	5	3	3.5	49	3.0	2.0	1.0	37.0	44.0	25.0	12.0	7.0	32.0	32.0	15
PST-4ST	37.5	53.0	3.0	5	9	44.5	11.0	10	32.0	11.0	7.0	16.5	10	6	14.0	22	40.0	35.0	18.0	32.0	3.0	33.0	39.0	24.5	14.0	14.0	16
MB 82-93	30.0	24.0	34.0	28	55	25.0	17.0	4	19.0	21.0	35.0	51.0	12	31	6.0	43	20.0	16.0	8.0	24.0	18.5	46.5	7.0	11.5	28.0	28.0	17
OSPREY (PRO 92/24)	3.0	30.0	30.0	47	12	35.0	21.5	54	27.5	25.0	56.0	5.0	27	11	36.0	56	5.0	11.0	4.0	2.0	46.0	29.0	18.5	9.0	44.0	44.0	18
DEFIANT (MB 81-93)	6.0	36.0	49.0	50	29	43.0	29.0	45	30.0	22.0	49.0	1.0	16	7	13.0	47	8.0	12.0	5.0	35.0	38.0	38.0	23.0	33.0	2.0	2.0	19
PST-4DT	53.0	54.0	9.0	16	17	14.0	1.0	36	21.5	29.0	23.0	23.5	22	12	17.0	7	45.0	37.0	27.0	46.0	25.0	6.0	14.0	26.0	15.5	15.5	20
WX3-FF54	13.0	6.0	16.0	10	14	9.0	36.5	22	17.0	9.0	33.0	43.5	24	40	26.0	29	38.0	17.0	32.0	5.0	5.0	36.5	34.5	32.0	15.5	15.5	21
SHADEMASTER II	55.0	52.0	6.5	38	5	1.0	12.0	17	46.0	4.0	1.0	23.5	13	15	24.0	25	44.0	40.0	26.0	39.0	6.0	50.0	29.5	15.0	11.0	11.0	22
K-2 (MB 65-93)	28.0	12.0	11.5	4	18	5.0	26.0	51	4.0	7.0	20.5	16.5	28	51	44.0	20	34.0	14.0	36.0	28.0	4.0	12.0	33.0	41.0	45.0	45.0	23
JASPER (E)	33.0	44.0	4.0	51	36	12.0	13.0	25	31.0	30.0	9.5	8.5	29	9	16.0	12	42.0	36.0	30.0	41.0	39.0	15.0	25.0	28.0	50.0	50.0	24
TMI-3CE	19.0	9.0	33.0	23	21	16.0	21.5	3	38.0	20.0	39.0	43.5	26	32	40.0	18	26.0	10.0	29.0	30.0	36.0	42.5	37.5	29.0	38.0	38.0	25
WX3-FFG6	23.0	13.0	21.0	46	52	32.5	31.0	2	27.5	32.0	38.0	19.5	37	30	33.0	17	28.0	22.0	41.0	13.0	30.0	4.5	28.0	21.5	41.0	41.0	26
SANDPIPER (PRO 92/20)	20.0	3.0	35.0	18	19	29.5	16.0	8	49.0	19.0	2.0	31.5	31	43	42.0	19	30.0	13.0	34.0	21.0	32.0	19.0	29.5	45.0	51.5	51.5	27
JAMESTOWN II	31.0	17.0	13.0	7	28	28.0	27.0	12	44.0	27.0	30.0	31.5	39	39	27.0	15	24.0	30.0	31.0	14.0	24.0	1.0	24.0	35.0	30.0	30.0	28
NORDIC	9.0	31.0	55.0	19	41	42.0	45.0	47	29.0	39.5	50.0	3.0	23	20	9.0	48	6.0	43.0	6.5	10.0	49.0	39.0	15.5	35.0	26.0	26.0	29
ECOSTAR	12.0	34.0	48.0	30	43	41.0	40.0	57	35.0	38.0	37.0	6.0	6	19	10.0	52	11.0	28.0	6.5	16.0	43.0	52.0	31.5	16.0	34.0	34.0	30
VERNON (MB 83-93)	5.0	28.0	53.0	27	58	47.0	39.0	30	21.5	43.0	48.0	8.5	30	17	7.5	51	9.0	31.0	12.5	29.0	55.0	30.0	3.5	31.0	9.0	9.0	31
VICTORY (E)	16.0	7.0	15.0	24	8	29.5	20.0	28	41.0	44.0	28.5	16.5	36	35	54.0	14	23.0	21.0	37.0	17.0	37.0	25.0	50.5	42.0	55.0	55.0	32
FLYER II (ZPS-4BN)	34.0	49.0	18.0	15	30	8.0	19.0	37	47.5	12.0	4.0	53.0	15	16	41.0	27	46.0	39.0	42.0	45.0	22.0	46.5	26.5	18.0	8.0	8.0	33
AURORA W/ENDO.	2.0	37.0	56.0	32	48	26.0	43.0	58	39.0	23.0	40.0	12.0	21	29	3.5	57	16.5	41.0	9.0	1.0	45.0	33.0	37.5	5.0	4.0	4.0	34
BANNER II	27.0	27.0	24.0	35	38	37.0	24.0	5	24.0	26.0	13.0	31.5	41	37	31.0	28	37.0	32.0	39.0	40.0	33.0	45.0	40.0	43.0	31.0	31.0	35
SHADOW (E)	26.0	25.0	28.0	31	46	34.0	38.0	26	7.0	34.0	17.0	48.0	34	36	39.0	23	33.0	18.0	40.0	38.0	26.0	4.5	45.0	48.0	33.0	33.0	36
ISI-FC-62	32.0	4.0	26.0	13	31	17.0	18.0	7	42.0	18.0	27.0	36.5	42	38	55.0	16	36.0	23.0	38.0	26.0	9.0	59.0	42.0	52.0	48.0	48.0	37
SPARTAN	4.0	16.0	54.0	39	37	49.0	33.5	44	36.5	39.5	58.0	13.5	32	25	1.0	59	10.0	42.0	10.0	36.0	54.0	56.0	43.0	9.0	23.0	23.0	38
BRIGADE	42.0	19.0	51.0	40	57	31.0	42.0	52	43.0	52.0	47.0	3.0	33	26	2.0	55	25.0	46.0	12.5	22.0	53.0	13.0	48.0	24.5	35.0	35.0	39
QUATRO (FO 143)	35.0	40.0	45.0	56	26	55.0	53.0	33	1.0	50.0	54.0	53.0	35	33	12.0	50	27.0	48.5	15.5	18.0	47.0	9.0	26.5	35.0	13.0	13.0	40
MB 66-93	39.5	35.0	36.5	37	10	27.0	32.0	14	23.0	49.0	26.0	11.0	44	58	56.0	34	32.0	26.0	52.0	34.0	15.0	27.5	52.5	56.0	25.0	25.0	41
DARWIN	39.5	32.0	41.0	36	32	50.0	58.0	59	5.0	8.0	22.0	39.0	40	44	47.0	40	19.0	24.0	48.0	6.0	12.0	48.0	34.5	39.5	12.0	12.0	42
ARUBA	47.0	46.0	8.0	45	24	32.5	35.0	31	50.0	41.0	31.0	23.5	43	49	34.0	36	48.0	52.0	50.0	48.0	40.0	35.0	21.5	17.0	39.5	39.5	43
SEABREEZE	48.0	42.0	36.5	33	42	36.0	57.0	38	36.5	57.0	28.5	13.5	49	24	38.0	41	43.0	44.0	44.0	49.0	27.0	42.5	17.0	9.0	46.0	46.0	44
JAMESTOWN	37.5	23.0	42.0	43	35	40.0	46.0	41	33.0	24.0	25.0	43.5	50	48	43.0	31	47.0	33.0	49.0	33.0	14.0	25.0	55.0	54.0	20.0	20.0	45
SCALDIS	41.0	38.0	57.0	44	45	52.0	48.0	35	40.0	31.0	57.0	34.5	38	27	21.0	58	7.0	55.0	11.0	44.0	58.0	40.0	36.0	44.0	54.0	54.0	46
FLYER	54.0	47.5	44.0	48	23	24.0	41.0	34	51.0	47.0	12.0	48.0	47	34	35.0	33	49.0	48.5	45.0	50.0	34.0	42.5	52.5	39.5	43.0	43.0	47
CAS-FR13	49.0	47.5	32.0	52	25	15.0	29.0	18	53.0	46.0	32.0	56.0	53	42	30.0	35	50.0	47.0	47.0	54.0	31.0	55.0	49.0	57.0	6.0	6.0	48
PAMELA	43.0	41.0	58.0	49	54	57.0	49.0	40	45.0	54.0	51.0	27.5	46	46	11.0	53	13.0	53.0	25.0	47.0	57.0	31.0	46.0	11.5	49.0	49.0	49
MEDINA	51.0	43.0	17.0	25	44	51.0	54.0	53	19.0	37.0	14.0	41.0	45	56	59.0	42	41.0	25.0	53.0	42.0	21.0	58.0					

TABLE 3A. (CONT'D)

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S.
1994-97 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	IA1	MA1	ME1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
BAR FRR 4ZBD	59.0	50.0	31.0	55	49	13.0	36.5	39	47.5	42.0	18.0	48.0	51	50	48.0	37	57.0	54.0	54.0	52.0	17.0	36.5	47.0	54.0	18.0	18.0	51
MOLINDA	36.0	39.0	40.0	42	50	44.5	51.0	19	34.0	36.0	43.0	58.0	48	57	57.0	30	51.0	38.0	51.0	43.0	29.0	57.0	59.0	59.0	27.0	27.0	52
RONDO	52.0	58.0	5.0	41	53	54.0	55.0	29	52.0	58.0	52.0	27.5	52	45	49.0	32	53.0	45.0	46.0	53.0	41.0	33.0	31.5	27.0	53.0	53.0	53
DAWSON	44.0	57.0	43.0	21	40	56.0	59.0	48	54.0	55.0	55.0	34.5	54	47	46.0	38	52.0	51.0	43.0	58.0	42.0	53.5	44.0	4.0	51.5	51.5	54
SILVERLAWN (WVPB-STCR-101)	56.0	45.0	50.0	58	59	53.0	47.0	42	58.0	45.0	44.5	48.0	55	52	37.0	26	58.0	56.0	58.0	55.0	56.0	7.5	12.0	46.5	47.0	47.0	55
CASCADE	46.0	21.0	52.0	53	47	58.0	50.0	13	55.0	51.0	34.0	43.5	58	59	50.0	45	54.0	50.0	57.0	51.0	50.0	23.0	58.0	54.0	57.0	57.0	56
BAR UR 204	50.0	56.0	23.0	57	39	46.0	44.0	50	56.0	53.0	44.5	55.0	56	54	51.0	24	55.0	57.0	55.0	57.0	51.0	51.0	57.0	51.0	59.0	59.0	57
COMMON CREEPING	57.0	55.0	38.0	54	34	48.0	52.0	49	57.0	56.0	46.0	57.0	57	53	52.0	46	56.0	58.0	56.0	56.0	48.0	53.5	54.0	49.0	58.0	58.0	58
67135	58.0	59.0	59.0	59	16	59.0	56.0	46	59.0	59.0	59.0	59.0	59	55	58.0	54	59.0	59.0	59.0	59.0	59.0	7.5	56.0	58.0	56.0	56.0	59

TABLE 3B.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/
1994-97 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	LA1	MA1	ME1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
SEABREEZE	2	1	1	2	2	1	1	1	1	2	1	1	1	1	1	2	1	1	2	1	1	1	1	2	1	1	1
DAWSON	1	2	2	1	1	2	2	2	2	1	2	2	2	2	2	1	2	2	1	2	2	2	2	1	2	2	2

TABLE 3C.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/
1994-97 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	LA1	MA1	ME1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
QUATRO (FO 143)	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
67135	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.

2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 3D.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/
1994-97 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	IA1	MA1	ME1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
SHADOW II (PST-44D)	3.0	17	1.0	1	1	8.0	5	17	5.0	4	3.0	6.0	1	1	18	10	1.0	5	1	12	2	6.0	1.0	1.0	21.0	21.0	1
BANNER III (MB 61-93)	12.0	10	3.0	9	2	4.0	2	20	1.0	9	16.0	8.0	5	4	4	4	2.0	14	5	8	14	8.5	3.0	5.5	7.0	7.0	2
BRITTANY	2.0	5	13.0	10	3	1.0	1	7	11.0	11	12.0	9.5	3	8	1	3	15.0	24	2	5	8	8.5	10.0	5.5	14.0	14.0	3
SR 5100	5.5	1	11.0	12	6	21.0	8	1	14.5	8	6.0	25.0	11	6	5	2	8.5	2	4	1	20	5.0	18.0	2.0	3.0	3.0	4
CULUMBRA (MB 64-93)	18.0	16	4.5	4	9	2.0	6	4	2.0	2	13.5	12.5	7	9	12	7	6.0	3	7	15	1	2.0	2.0	19.0	2.0	2.0	5
ECO (MB 63-93)	5.5	8	12.0	15	14	5.0	3	13	8.0	12	24.0	1.0	6	18	9	5	13.0	11	15	10	9	11.0	5.0	4.0	20.0	20.0	6
VICTORY II (PICK 4-91W)	9.0	14	2.0	7	4	7.0	4	18	9.0	3	2.0	9.5	4	3	6	6	3.0	4	3	2	15	20.5	9.0	13.0	10.5	10.5	7
NJ F-93	14.0	11	18.0	19	16	13.0	7	12	10.0	1	9.0	23.5	2	2	2	8	19.0	6	6	7	6	13.0	7.0	9.0	10.5	10.5	8
TIFFANY	13.0	19	16.0	2	5	12.0	10	23	7.0	10	10.0	4.0	9	7	21	9	8.5	1	9	6	5	3.0	4.0	7.0	4.0	4.0	9
BRIDGEPORT	1.0	2	22.0	6	20	14.0	9	8	18.0	19	4.0	15.5	10	5	10	1	5.0	20	8	14	17	11.0	6.0	12.0	1.0	1.0	10
TREAZURE (ZPS-MG)	8.0	13	7.0	13	10	11.0	18	15	12.0	20	5.0	7.0	8	10	3	17	4.0	7	13	19	11	17.5	8.0	3.0	9.0	9.0	11
WX3-FF54	4.0	6	9.0	8	11	6.0	20	16	13.0	7	22.0	20.5	12	17	7	20	22.0	12	12	3	4	19.0	14.5	10.0	6.0	6.0	12
K-2 (MB 65-93)	17.0	12	4.5	3	12	3.0	16	24	3.0	5	13.5	4.0	14	22	17	16	18.0	10	16	17	3	7.0	13.0	15.0	22.0	22.0	13
TMI-3CE	10.0	9	19.0	16	15	9.0	14	2	21.0	15	25.0	20.5	13	11	14	14	12.0	8	10	18	24	20.5	16.0	8.0	19.0	19.0	14
SANDPIPER (PRO 92/20)	11.0	3	20.0	14	13	17.5	11	6	25.0	14	1.0	12.5	15	19	15	15	14.0	9	14	13	22	11.0	12.0	18.0	24.0	24.0	15
JAMESTOWN II	19.0	15	6.0	5	17	16.0	17	9	24.0	18	21.0	12.5	18	16	8	12	11.0	21	11	9	18	1.0	11.0	11.0	15.0	15.0	16
VICTORY (E)	7.0	7	8.0	17	7	17.5	13	21	22.0	24	20.0	4.0	17	12	22	11	10.0	15	17	11	25	15.5	21.5	16.0	25.0	25.0	17
BANNER II	16.0	22	14.0	21	22	20.0	15	3	17.0	17	7.0	12.5	20	14	11	19	21.0	22	19	23	23	22.0	17.0	17.0	16.0	16.0	18
SHADOW (E)	15.0	21	17.0	20	24	19.0	21	19	6.0	21	11.0	23.5	16	13	13	18	17.0	13	20	22	19	4.0	20.0	20.0	17.0	17.0	19
ISI-FC-62	20.0	4	15.0	11	18	10.0	12	5	23.0	13	19.0	15.5	21	15	23	13	20.0	16	18	16	7	26.0	19.0	22.0	23.0	23.0	20
MB 66-93	23.5	24	21.0	23	8	15.0	19	11	16.0	25	18.0	2.0	22	25	24	23	16.0	19	24	21	13	17.5	23.0	25.0	12.0	12.0	21
DARWIN	23.5	23	24.0	22	19	24.0	26	26	4.0	6	15.0	17.0	19	20	19	24	7.0	17	21	4	10	23.0	14.5	14.0	5.0	5.0	22
JAMESTOWN	22.0	20	25.0	25	21	22.0	22	22	19.0	16	17.0	20.5	25	21	16	22	24.0	23	22	20	12	15.5	24.0	23.5	8.0	8.0	23
MEDINA	26.0	26	10.0	18	23	25.0	25	25	14.5	23	8.0	18.0	23	23	26	25	23.0	18	25	24	16	25.0	21.5	21.0	18.0	18.0	24
MOLINDA	21.0	25	23.0	24	26	23.0	24	14	20.0	22	26.0	26.0	24	24	25	21	25.0	25	23	25	21	24.0	26.0	26.0	13.0	13.0	25
CASCADE	25.0	18	26.0	26	25	26.0	23	10	26.0	26	23.0	20.5	26	26	20	26	26.0	26	26	26	26	14.0	25.0	23.5	26.0	26.0	26

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.

2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 3E.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/
1994-97 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	LA1	MA1	ME1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WA3	WA4	WA5	WI1	WI2	MEAN
FLORENTINE (EST-4VB ENDO.)	5	9.0	1	1	4	2.0	2	5	1.0	1	3.0	8	1	1	2	1	2	1	1	2	3	5.0	1.5	4.5	7	7	1
PST-4ST	4	11.0	2	2	2	11.0	3	2	5.0	3	4.0	2	2	2	1	5	3	3	2	3	1	6.5	10.0	6.0	4	4	2
PST-4DT	10	12.0	7	4	3	6.0	1	10	2.0	5	8.0	5	5	4	4	2	6	5	4	7	6	2.0	3.0	7.0	5	5	3
SHADEMASTER II	12	10.0	5	5	1	1.0	4	3	6.0	2	1.0	5	3	5	5	7	5	7	3	4	2	12.0	8.0	1.0	3	3	4
JASPER (E)	2	2.0	3	10	10	4.0	5	6	4.0	6	5.0	1	6	3	3	3	4	4	5	5	10	4.0	5.0	9.0	12	12	5
WX3-FFG6	1	1.0	9	8	13	9.5	8	1	3.0	7	11.0	3	7	7	4	1	2	6	1	7	1.0	7.0	4.5	9	9	6	
FLYER II (ZPS-4BN)	3	7.0	8	3	8	3.0	6	11	7.5	4	2.0	12	4	6	11	9	7	6	7	6	5	11.0	6.0	3.0	2	2	7
ARUBA	6	4.0	6	7	6	9.5	9	8	9.0	8	9.0	5	8	11	8	13	8	11	11	8	11	8.0	4.0	2.0	8	8	8
FLYER	11	5.5	14	9	5	8.0	11	9	10.0	12	6.0	10	9	8	9	11	9	10	8	9	9	10.0	13.0	10.0	10	10	9
CAS-FR13	7	5.5	12	11	7	7.0	7	4	12.0	11	10.0	14	12	9	6	12	10	9	10	12	8	15.0	12.0	15.0	1	1	10
BAR FRR 4ZBD	15	8.0	11	13	12	5.0	10	12	7.5	9	7.0	10	10	12	12	14	14	12	12	10	4	9.0	11.0	14.0	6	6	11
RONDO	9	15.0	4	6	14	15.0	15	7	11.0	15	15.0	7	11	10	13	10	11	8	9	11	12	6.5	9.0	8.0	13	13	12
SILVERLAWN (WVPB-STCR-101)	13	3.0	15	15	15	14.0	13	13	15.0	10	12.5	10	13	13	10	8	15	13	15	13	15	3.0	1.5	11.0	11	11	13
BAR UR 204	8	14.0	10	14	11	12.0	12	15	13.0	13	12.5	13	14	15	14	6	12	14	13	15	14	13.0	15.0	13.0	15	15	14
COMMON CREEPING	14	13.0	13	12	9	13.0	14	14	14.0	14	14.0	15	15	14	15	15	13	15	14	14	13	14.0	14.0	12.0	14	14	15

TABLE 3F.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS
GROWN AT TWENTY-SIX LOCATIONS (FULL SUN) IN THE U.S. 1/
1994-97 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	LA1	MA1	ME1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WA3	WA4	WA5	WI1	WI2	MEAN
DISCOVERY	8	4	1	8	9	1	3.0	12	1	1.0	5	3.0	1	1	7.5	1	2	6	3.0	3	2	12	3	1.0	5	5	1
RELIANT II	10	9	4	5	2	2	4.0	11	5	12.0	4	7.5	8	3	5.0	3	1	5	2.0	6	9	2	7	2.0	2	2	2
SR 3100	1	6	5	2	12	7	6.5	3	2	7.0	11	13.0	2	2	3.5	6	3	1	1.0	12	5	3	4	4.0	9	9	3
MB 82-93	11	3	3	4	11	3	1.0	1	3	2.0	1	14.0	4	13	6.0	2	13	4	8.0	8	1	11	2	7.5	8	8	4
OSPREY (PRO 92/24)	3	7	2	12	1	6	2.0	10	6	5.0	12	5.0	9	5	14.0	11	4	2	4.0	2	7	4	6	5.5	12	12	5
DEFIANT (MB 81-93)	6	11	7	14	3	10	5.0	7	8	3.0	8	1.0	5	4	12.0	4	7	3	5.0	10	3	8	8	12.0	1	1	6
NORDIC	7	8	11	1	5	9	12.0	8	7	9.5	9	3.0	7	8	9.0	5	5	11	6.5	4	8	9	5	13.0	7	7	7
ECOSTAR	9	10	6	6	6	8	9.0	13	9	8.0	2	6.0	3	7	10.0	8	10	7	6.5	5	4	13	9	9.0	10	10	8
VERNON (MB 83-93)	5	5	9	3	14	11	8.0	2	4	11.0	7	7.5	10	6	7.5	7	8	8	12.5	9	12	5	1	11.0	4	4	9
AURORA W/ENDO.	2	12	12	7	8	4	11.0	14	11	4.0	3	9.0	6	12	3.5	12	12	9	9.0	1	6	7	11	3.0	3	3	10
SPARTAN	4	1	10	9	4	12	6.5	6	10	9.5	14	10.0	11	9	1.0	14	9	10	10.0	11	11	14	12	5.5	6	6	11
BRIGADE	13	2	8	10	13	5	10.0	9	13	13.0	6	3.0	12	10	2.0	10	14	12	12.5	7	10	1	14	10.0	11	11	12
SCALDIS	12	13	13	11	7	13	13.0	4	12	6.0	13	12.0	13	11	13.0	13	6	14	11.0	13	14	10	10	14.0	14	14	13
PAMELA	14	14	14	13	10	14	14.0	5	14	14.0	10	11.0	14	14	11.0	9	11	13	14.0	14	13	6	13	7.5	13	13	14

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.

2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 4A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
 GROWN AT FOUR LOCATIONS (SHADE) IN THE U.S. 1/
 1994-97 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MD1	MD2	MI1	MEAN
BRITTANY	5.1	5.6	6.4	5.9	5.8
SHADOW II (PST-44D)	4.5	5.6	6.2	5.8	5.6
NJ F-93	6.0	5.3	5.1	5.6	5.5
SR 5100	4.8	5.5	6.1	5.6	5.5
RELIANT II	5.3	5.5	5.6	5.4	5.4
SANDPIPER (PRO 92/20)	4.4	5.3	6.3	5.5	5.4
PST-4ST	5.2	5.4	4.7	6.2	5.4
SHADEMASTER II	5.1	5.3	4.7	6.2	5.3
TIFFANY	5.3	5.5	4.8	5.6	5.3
DISCOVERY	5.8	5.8	4.1	5.4	5.3
WX3-FFG6	4.4	5.5	5.7	5.3	5.2
SPARTAN	5.1	5.6	4.9	5.3	5.2
VICTORY (E)	4.4	5.4	5.6	5.6	5.2
SHADOW (E)	4.9	5.4	5.1	5.4	5.2
VICTORY II (PICK 4-91W)	3.1	5.6	6.5	5.6	5.2
SCALDIS	5.8	5.1	4.5	5.2	5.2
OSPREY (PRO 92/24)	4.4	5.7	5.7	4.9	5.2
ISI-FC-62	4.4	5.3	5.3	5.6	5.1
TMI-3CE	4.4	5.4	5.0	5.3	5.0
DEFIANT (MB 81-93)	4.4	5.7	4.4	5.5	5.0
ECOSTAR	3.6	5.4	5.6	5.3	5.0
FLORENTINE (PST-4VB ENDO.)	3.1	5.2	5.3	6.2	5.0
MB 82-93	4.7	5.4	4.3	5.3	4.9
FLYER	4.8	5.0	4.0	5.9	4.9
BRIDGEPORT	2.6	5.3	6.2	5.7	4.9
PST-4DT	4.4	5.2	3.8	6.2	4.9
DAWSON	4.4	5.2	3.4	6.2	4.8
TREAZURE (ZPS-MG)	2.1	5.2	6.0	5.8	4.8
AURORA W/ENDO.	3.9	5.3	4.7	5.2	4.8
NORDIC	4.0	5.5	4.2	5.4	4.8
BANNER II	3.0	5.4	5.0	5.6	4.8
SR 3100	4.3	5.5	4.3	4.9	4.7
BAR UR 204	4.4	5.1	4.1	5.4	4.7
JAMESTOWN	3.7	5.1	4.5	5.4	4.7
VERNON (MB 83-93)	3.7	5.5	4.4	5.1	4.7
BANNER III (MB 61-93)	2.8	5.3	4.9	5.6	4.6
CULUMBRA (MB 64-93)	2.7	5.3	4.8	5.7	4.6
FLYER II (ZPS-4BN)	2.6	5.1	4.7	6.0	4.6
JASPER (E)	2.8	5.2	4.4	5.9	4.6
CAS-FR13	3.3	5.1	4.1	5.8	4.6
MB 66-93	3.8	5.0	3.8	5.6	4.5
CASCADE	3.9	4.8	4.4	5.1	4.5
SEABREEZE	3.6	5.2	3.1	6.2	4.5
K-2 (MB 65-93)	2.3	5.3	4.5	5.9	4.5
ECO (MB 63-93)	2.7	5.6	3.7	5.9	4.5
SILVERLAWN (WVPB-STCR-101)	4.2	5.2	3.8	4.6	4.4
JAMESTOWN II	2.3	5.2	4.5	5.6	4.4
MOLINDA	3.3	5.1	3.7	5.5	4.4
BRIGADE	3.2	5.4	3.7	5.2	4.4

TABLE 4A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
 GROWN AT FOUR LOCATIONS (SHADE) IN THE U.S. 1/
 1994-97 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	IL3	MD1	MD2	MI1	MEAN
MEDINA	3.8	5.1	3.5	5.1	4.4
QUATRO (FO 143)	2.8	5.3	4.2	5.2	4.4
ARUBA	3.1	4.7	3.7	5.9	4.3
WX3-FF54	1.6	5.4	4.9	5.4	4.3
RONDO	2.2	5.2	3.6	6.3	4.3
PAMELA	2.1	5.3	4.4	4.9	4.2
DARWIN	2.1	4.9	3.7	5.3	4.0
COMMON CREEPING	2.2	4.5	3.2	5.3	3.8
BAR FRR 4ZBD	1.8	5.1	2.5	5.6	3.7
67135	3.0	4.9	1.6	4.6	3.5
LSD VALUE	2.0	0.4	1.2	0.5	0.6
C.V. (%)	56.2	7.2	23.4	11.3	25.2

TABLE 4B. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
 GROWN AT FOUR LOCATIONS (SHADE) IN THE U.S. 1/
 1994-97 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MD1	MD2	MI1	MEAN
DAWSON	4.4	5.2	3.4	6.2	4.8
SEABREEZE	3.6	5.2	3.1	6.2	4.5
LSD VALUE	2.0	0.4	1.6	0.4	0.6
C.V. (%)	54.1	7.5	43.0	8.2	27.2

TABLE 4C. MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
 GROWN AT FOUR LOCATIONS (SHADE) IN THE U.S. 1/
 1994-97 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MD1	MD2	MI1	MEAN
QUATRO (FO 143)	2.8	5.3	4.2	5.2	4.4
67135	3.0	4.9	1.6	4.6	3.5
LSD VALUE	1.3	0.3	1.1	0.5	0.4
C.V. (%)	48.1	7.4	32.4	13.4	22.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 4D. MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
GROWN AT FOUR LOCATIONS (SHADE) IN THE U.S. 1/
1994-97 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MD1	MD2	MI1	MEAN
BRITTANY	5.1	5.6	6.4	5.9	5.8
SHADOW II (PST-44D)	4.5	5.6	6.2	5.8	5.6
NJ F-93	6.0	5.3	5.1	5.6	5.5
SR 5100	4.8	5.5	6.1	5.6	5.5
SANDPIPER (PRO 92/20)	4.4	5.3	6.3	5.5	5.4
TIFFANY	5.3	5.5	4.8	5.6	5.3
VICTORY (E)	4.4	5.4	5.6	5.6	5.2
SHADOW (E)	4.9	5.4	5.1	5.4	5.2
VICTORY II (PICK 4-91W)	3.1	5.6	6.5	5.6	5.2
ISI-FC-62	4.4	5.3	5.3	5.6	5.1
TMI-3CE	4.4	5.4	5.0	5.3	5.0
BRIDGEPORT	2.6	5.3	6.2	5.7	4.9
TREAZURE (ZPS-MG)	2.1	5.2	6.0	5.8	4.8
BANNER II	3.0	5.4	5.0	5.6	4.8
JAMESTOWN	3.7	5.1	4.5	5.4	4.7
BANNER III (MB 61-93)	2.8	5.3	4.9	5.6	4.6
CULUMBRA (MB 64-93)	2.7	5.3	4.8	5.7	4.6
MB 66-93	3.8	5.0	3.8	5.6	4.5
CASCADE	3.9	4.8	4.4	5.1	4.5
K-2 (MB 65-93)	2.3	5.3	4.5	5.9	4.5
ECO (MB 63-93)	2.7	5.6	3.7	5.9	4.5
JAMESTOWN II	2.3	5.2	4.5	5.6	4.4
MOLINDA	3.3	5.1	3.7	5.5	4.4
MEDINA	3.8	5.1	3.5	5.1	4.4
WX3-FF54	1.6	5.4	4.9	5.4	4.3
DARWIN	2.1	4.9	3.7	5.3	4.0
LSD VALUE	1.8	0.4	1.2	0.5	0.5
C.V. (%)	55.4	7.4	21.2	10.4	23.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 4E. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
GROWN AT FOUR LOCATIONS (SHADE) IN THE U.S. 1/
1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MD1	MD2	MI1	MEAN
PST-4ST	5.2	5.4	4.7	6.2	5.4
SHADEMASTER II	5.1	5.3	4.7	6.2	5.3
WX3-FFG6	4.4	5.5	5.7	5.3	5.2
FLORENTINE (PST-4VB ENDO.)	3.1	5.2	5.3	6.2	5.0
FLYER	4.8	5.0	4.0	5.9	4.9
PST-4DT	4.4	5.2	3.8	6.2	4.9
BAR UR 204	4.4	5.1	4.1	5.4	4.7
FLYER II (ZPS-4BN)	2.6	5.1	4.7	6.0	4.6
JASPER (E)	2.8	5.2	4.4	5.9	4.6
CAS-FR13	3.3	5.1	4.1	5.8	4.6
SILVERLAWN (WVPB-STCR-101)	4.2	5.2	3.8	4.6	4.4
ARUBA	3.1	4.7	3.7	5.9	4.3
RONDO	2.2	5.2	3.6	6.3	4.3
COMMON CREEPING	2.2	4.5	3.2	5.3	3.8
BAR FRR 4ZBD	1.8	5.1	2.5	5.6	3.7
LSD VALUE	1.7	0.4	1.3	0.4	0.5
C.V. (%)	51.4	8.0	26.9	9.7	23.4

TABLE 4F. MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS
GROWN AT FOUR LOCATIONS (SHADE) IN THE U.S. 1/
1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL3	MD1	MD2	MI1	MEAN
RELIANT II	5.3	5.5	5.6	5.4	5.4
DISCOVERY	5.8	5.8	4.1	5.4	5.3
SPARTAN	5.1	5.6	4.9	5.3	5.2
SCALDIS	5.8	5.1	4.5	5.2	5.2
OSPREY (PRO 92/24)	4.4	5.7	5.7	4.9	5.2
DEFIANT (MB 81-93)	4.4	5.7	4.4	5.5	5.0
ECOSTAR	3.6	5.4	5.6	5.3	5.0
MB 82-93	4.7	5.4	4.3	5.3	4.9
AURORA W/ENDO.	3.9	5.3	4.7	5.2	4.8
NORDIC	4.0	5.5	4.2	5.4	4.8
SR 3100	4.3	5.5	4.3	4.9	4.7
VERNON (MB 83-93)	3.7	5.5	4.4	5.1	4.7
BRIGADE	3.2	5.4	3.7	5.2	4.4
PAMELA	2.1	5.3	4.4	4.9	4.2
LSD VALUE	2.4	0.3	1.1	0.6	0.7
C.V. (%)	60.7	5.8	21.6	14.7	29.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 5A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
FOR EACH YEAR (FULL SUN) IN THE U.S. 1/
1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	1994	1995	1996	1997	1994-97
SHADOW II (PST-44D)	5.9	5.6	5.6	6.3	5.8
BANNER III (MB 61-93)	5.7	5.4	5.6	5.9	5.6
DISCOVERY	5.8	5.5	5.4	5.7	5.6
BRITTANY	5.6	5.5	5.7	5.8	5.6
SR 5100	5.6	5.5	5.7	5.8	5.6
CULUMBRA (MB 64-93)	5.7	5.4	5.5	6.0	5.6
FLORENTINE (PST-4VB ENDO.)	5.7	5.3	5.6	6.0	5.5
ECO (MB 63-93)	5.7	5.2	5.4	5.7	5.5
VICTORY II (PICK 4-91W)	5.6	5.5	5.6	6.0	5.5
NJ F-93	5.6	5.3	5.6	6.0	5.5
TIFFANY	5.6	5.3	5.4	5.8	5.5
BRIDGEPORT	5.6	5.3	5.5	5.8	5.5
RELIANT II	5.6	5.2	5.2	5.5	5.4
TREAZURE (ZPS-MG)	5.6	5.3	5.3	5.6	5.4
SR 3100	5.5	5.4	5.2	5.5	5.4
PST-4ST	5.5	5.2	5.4	6.1	5.4
MB 82-93	5.5	5.3	5.3	5.5	5.4
OSPREY (PRO 92/24)	5.6	5.2	5.1	5.4	5.4
DEFIANT (MB 81-93)	5.6	5.1	5.1	5.6	5.4
PST-4DT	5.4	4.9	5.3	5.9	5.3
WX3-FF54	5.5	5.2	5.3	5.6	5.3
SHADEMASTER II	5.5	5.1	5.3	5.7	5.3
K-2 (MB 65-93)	5.5	5.1	5.1	5.5	5.3
JASPER (E)	5.4	5.0	5.2	5.7	5.3
TMI-3CE	5.3	5.2	5.2	5.5	5.3
WX3-FFG6	5.4	5.1	5.1	5.2	5.3
SANDPIPER (PRO 92/20)	5.4	5.1	5.3	5.6	5.3
JAMESTOWN II	5.3	5.0	5.2	5.8	5.2
NORDIC	5.5	5.0	4.9	5.2	5.2
ECOSTAR	5.4	5.1	5.0	5.3	5.2
VERNON (MB 83-93)	5.6	5.0	4.8	5.0	5.2
VICTORY (E)	5.4	5.1	5.1	5.5	5.2
FLYER II (ZPS-4BN)	5.3	4.9	5.2	5.6	5.2
AURORA W/ENDO.	5.4	5.0	4.8	5.3	5.2
BANNER II	5.2	4.9	5.1	5.4	5.1
SHADOW (E)	5.3	4.9	5.0	5.4	5.1
ISI-FC-62	5.2	5.1	5.1	5.5	5.1
SPARTAN	5.3	4.8	5.0	5.0	5.1
BRIGADE	5.4	4.8	4.7	4.9	5.1
QUATRO (FO 143)	5.3	4.7	4.6	4.8	5.0
MB 66-93	5.2	4.7	4.7	5.0	4.9
DARWIN	5.3	4.7	4.6	4.7	4.9
ARUBA	5.0	4.5	4.8	5.3	4.9
SEABREEZE	5.4	4.3	4.5	4.6	4.9
JAMESTOWN	5.0	4.6	4.8	5.1	4.8
SCALDIS	5.2	4.6	4.4	4.9	4.8
FLYER	4.9	4.4	4.8	5.2	4.8
CAS-FR13	4.8	4.4	4.8	5.3	4.7
PAMELA	4.9	4.4	4.5	4.6	4.7
MEDINA	4.9	4.5	4.5	4.9	4.6

TABLE 5A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
 (CONT'D) FOR EACH YEAR (FULL SUN) IN THE U.S.
 1994-97 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1994	1995	1996	1997	1994-97
BAR FRR 4ZBD	4.8	4.2	4.4	5.2	4.6
MOLINDA	4.7	4.5	4.6	5.0	4.6
RONDO	4.9	4.1	4.2	4.9	4.6
DAWSON	4.9	4.0	4.0	4.8	4.5
SILVERLAWN (WVPB-STCR-101)	4.9	3.8	3.8	4.3	4.4
CASCADE	4.6	3.9	4.2	4.6	4.4
BAR UR 204	4.5	4.0	4.3	4.8	4.4
COMMON CREEPING 67135	4.4	3.8	4.1	4.8	4.2
	3.6	2.9	3.3	4.1	3.5
LSD VALUE	0.2	0.2	0.2	0.3	0.2
C.V. (%)	10.0	10.5	11.4	10.8	16.1

TABLE 5B. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
 FOR EACH YEAR (FULL SUN) IN THE U.S. 1/
 1994-97 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	1994	1995	1996	1997	1994-97
SEABREEZE	5.4	4.3	4.5	4.6	4.9
DAWSON	4.9	4.0	4.0	4.8	4.5
LSD VALUE	0.2	0.2	0.2	0.3	0.2
C.V. (%)	11.7	13.3	14.2	12.2	23.0

TABLE 5C. MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
 FOR EACH YEAR (FULL SUN) IN THE U.S. 1/
 1994-97 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	1994	1995	1996	1997	1994-97
QUATRO (FO 143)	5.3	4.7	4.6	4.8	5.0
67135	3.6	2.9	3.3	4.1	3.5
LSD VALUE	0.2	0.2	0.3	0.3	0.2
C.V. (%)	13.3	15.0	18.6	14.1	21.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 5D. MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
FOR EACH YEAR (FULL SUN) IN THE U.S. 1/
1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	1994	1995	1996	1997	1994-97
SHADOW II (PST-44D)	5.9	5.6	5.6	6.3	5.8
BANNER III (MB 61-93)	5.7	5.4	5.6	5.9	5.6
BRITTANY	5.6	5.5	5.7	5.8	5.6
SR 5100	5.6	5.5	5.7	5.8	5.6
CULUMBRA (MB 64-93)	5.7	5.4	5.5	6.0	5.6
ECO (MB 63-93)	5.7	5.2	5.4	5.7	5.5
VICTORY II (PICK 4-91W)	5.6	5.5	5.6	6.0	5.5
NJ F-93	5.6	5.3	5.6	6.0	5.5
TIFFANY	5.6	5.3	5.4	5.8	5.5
BRIDGEPORT	5.6	5.3	5.5	5.8	5.5
TREAZURE (ZPS-MG)	5.6	5.3	5.3	5.6	5.4
WX3-FF54	5.5	5.2	5.3	5.6	5.3
K-2 (MB 65-93)	5.5	5.1	5.1	5.5	5.3
TMI-3CE	5.3	5.2	5.2	5.5	5.3
SANDPIPER (PRO 92/20)	5.4	5.1	5.3	5.6	5.3
JAMESTOWN II	5.3	5.0	5.2	5.8	5.2
VICTORY (E)	5.4	5.1	5.1	5.5	5.2
BANNER II	5.2	4.9	5.1	5.4	5.1
SHADOW (E)	5.3	4.9	5.0	5.4	5.1
ISI-FC-62	5.2	5.1	5.1	5.5	5.1
MB 66-93	5.2	4.7	4.7	5.0	4.9
DARWIN	5.3	4.7	4.6	4.7	4.9
JAMESTOWN	5.0	4.6	4.8	5.1	4.8
MEDINA	4.9	4.5	4.5	4.9	4.6
MOLINDA	4.7	4.5	4.6	5.0	4.6
CASCADE	4.6	3.9	4.2	4.6	4.4
LSD VALUE	0.2	0.2	0.2	0.3	0.1
C.V. (%)	9.5	9.7	10.3	9.7	14.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 5E. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
FOR EACH YEAR (FULL SUN) IN THE U.S. 1/
1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	1994	1995	1996	1997	1994-97
FLORENTINE (PST-4VB ENDO.)	5.7	5.3	5.6	6.0	5.5
PST-4ST	5.5	5.2	5.4	6.1	5.4
PST-4DT	5.4	4.9	5.3	5.9	5.3
SHADEMASTER II	5.5	5.1	5.3	5.7	5.3
JASPER (E)	5.4	5.0	5.2	5.7	5.3
WX3-FFG6	5.4	5.1	5.1	5.2	5.3
FLYER II (ZPS-4BN)	5.3	4.9	5.2	5.6	5.2
ARUBA	5.0	4.5	4.8	5.3	4.9
FLYER	4.9	4.4	4.8	5.2	4.8
CAS-FR13	4.8	4.4	4.8	5.3	4.7
BAR FRR 4ZBD	4.8	4.2	4.4	5.2	4.6
RONDO	4.9	4.1	4.2	4.9	4.6
SILVERLAWN (WVPB-STCR-101)	4.9	3.8	3.8	4.3	4.4
BAR UR 204	4.5	4.0	4.3	4.8	4.4
COMMON CREEPING	4.4	3.8	4.1	4.8	4.2
LSD VALUE	0.2	0.2	0.2	0.3	0.1
C.V. (%)	9.4	10.5	10.0	10.7	16.0

TABLE 5F. MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS
FOR EACH YEAR (FULL SUN) IN THE U.S. 1/
1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	1994	1995	1996	1997	1994-97
DISCOVERY	5.8	5.5	5.4	5.7	5.6
RELIANT II	5.6	5.2	5.2	5.5	5.4
SR 3100	5.5	5.4	5.2	5.5	5.4
MB 82-93	5.5	5.3	5.3	5.5	5.4
OSPREY (PRO 92/24)	5.6	5.2	5.1	5.4	5.4
DEFIANT (MB 81-93)	5.6	5.1	5.1	5.6	5.4
NORDIC	5.5	5.0	4.9	5.2	5.2
ECOSTAR	5.4	5.1	5.0	5.3	5.2
VERNON (MB 83-93)	5.6	5.0	4.8	5.0	5.2
AURORA W/ENDO.	5.4	5.0	4.8	5.3	5.2
SPARTAN	5.3	4.8	5.0	5.0	5.1
BRIGADE	5.4	4.8	4.7	4.9	5.1
SCALDIS	5.2	4.6	4.4	4.9	4.8
PAMELA	4.9	4.4	4.5	4.6	4.7
LSD VALUE	0.2	0.2	0.2	0.3	0.2
C.V. (%)	11.0	11.1	13.3	12.2	17.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 6A. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 FOR EACH YEAR (FULL SUN) IN THE U.S.
 1994-97 DATA
 QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING 2/

NAME	1994	1995	1996	1997	1994-97
SHADOW II (PST-44D)	1	1	5	1	1
BANNER III (MB 61-93)	5	6	3	8	2
DISCOVERY	2	5	10	15	3
BRITTANY	7	4	2	9	4
SR 5100	10	3	1	10	5
CULUMBRA (MB 64-93)	3	7	8	5	6
FLORENTINE (PST-4VB ENDO.)	6	10	4	6	7
ECO (MB 63-93)	4	18	12	14	8
VICTORY II (PICK 4-91W)	13	2	6	3	9
NJ F-93	9	11	7	4	10
TIFFANY	12	9	11	12	11
BRIDGEPORT	15	14	9	11	12
RELIANT II	8	16	24	23	13
TREAZURE (ZES-MG)	14	13	14	20	14
SR 3100	19	8	22	26	15
PST-4ST	23	15	13	2	16
MB 82-93	20	12	19	29	17
OSPREY (PRO 92/24)	11	20	32	31	18
DEFIANT (MB 81-93)	16	26	31	18	19
PST-4DT	25	34	15	7	20
WX3-FF54	24	19	17	19	21
SHADEMASTER II	21	25	16	17	22
K-2 (MB 65-93)	18	24	29	28	23
JASPER (E)	28	31	21	16	24
TMI-3CE	34	17	20	25	25
WX3-FFG6	31	21	30	39	26
SANDPIPER (PRO 92/20)	29	28	18	22	27
JAMESTOWN II	36	32	23	13	28
NORDIC	22	29	36	38	29
ECOSTAR	26	22	34	36	30
VERNON (MB 83-93)	17	33	38	45	31
VICTORY (E)	33	27	28	24	32
FLYER II (ZPS-4BN)	38	36	25	21	33
AURORA W/ENDO.	32	30	37	34	34
BANNER II	41	37	27	30	35
SHADOW (E)	39	35	33	32	36
ISI-FC-62	42	23	26	27	37
SPARTAN	35	38	35	43	38
BRIGADE	30	39	44	48	39
QUATRO (FO 143)	37	42	45	50	40
MB 66-93	43	40	43	44	41
DARWIN	40	41	47	54	42
ARUBA	45	46	41	33	43
SEABREEZE	27	51	48	55	44
JAMESTOWN	46	43	39	41	45
SCALDIS	44	44	52	49	46
FLYER	49	48	40	37	47
CAS-FR13	53	50	42	35	48
PAMELA	48	49	49	56	49
MEDINA	52	47	50	46	50

TABLE 6A. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
(CONT'D) FOR EACH YEAR (FULL SUN) IN THE U.S.

1994-97 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	1994	1995	1996	1997	1994-97
BAR FRR 4ZBD	54	52	51	40	51
MOLINDA	55	45	46	42	52
RONDO	51	53	55	47	53
DAWSON	50	54	57	52	54
SILVERLAWN (WVPB-STCR-101)	47	57	58	58	55
CASCADE	56	56	54	57	56
BAR UR 204	57	55	53	53	57
COMMON CREEPING	58	58	56	51	58
67135	59	59	59	59	59

TABLE 6B. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
FOR EACH YEAR (FULL SUN) IN THE U.S. 1/

1994-97 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	1994	1995	1996	1997	1994-97
SEABREEZE	1	1	1	2	1
DAWSON	2	2	2	1	2

TABLE 6C. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
FOR EACH YEAR (FULL SUN) IN THE U.S. 1/

1994-97 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	1994	1995	1996	1997	1994-97
QUATRO (FO 143)	1	1	1	1	1
67135	2	2	2	2	2

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.

2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 6D. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
FOR EACH YEAR (FULL SUN) IN THE U.S. 1/
1994-97 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING 2/

NAME	1994	1995	1996	1997	1994-97
SHADOW II (PST-44D)	1	1	4	1	1
BANNER III (MB 61-93)	4	5	3	5	2
BRITTANY	5	4	2	6	3
SR 5100	7	3	1	7	4
CULUMBRA (MB 64-93)	2	6	7	4	5
ECO (MB 63-93)	3	12	10	11	6
VICTORY II (PICK 4-91W)	9	2	5	2	7
NJ F-93	6	8	6	3	8
TIFFANY	8	7	9	9	9
BRIDGEPORT	11	10	8	8	10
TREAZURE (ZPS-MG)	10	9	11	13	11
WX3-FF54	13	13	12	12	12
K-2 (MB 65-93)	12	15	19	18	13
TMI-3CE	16	11	14	16	14
SANDPIPER (PRO 92/20)	14	17	13	14	15
JAMESTOWN II	17	18	15	10	16
VICTORY (E)	15	16	18	15	17
BANNER II	20	20	17	19	18
SHADOW (E)	18	19	20	20	19
ISI-FC-62	21	14	16	17	20
MB 66-93	22	21	22	23	21
DARWIN	19	22	24	25	22
JAMESTOWN	23	23	21	21	23
MEDINA	24	25	25	24	24
MOLINDA	25	24	23	22	25
CASCADE	26	26	26	26	26

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.

2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 6E. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS FOR EACH YEAR (FULL SUN) IN THE U.S. 1/
1994-97 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING 2/

NAME	1994	1995	1996	1997	1994-97
FLORENTINE (PST-4VB ENDO.)	1	1	1	2	1
PST-4ST	3	2	2	1	2
PST-4DT	4	6	3	3	3
SHADEMASTER II	2	4	4	5	4
JASPER (E)	5	5	5	4	5
WX3-FFG6	6	3	7	10	6
FLYER II (ZPS-4BN)	7	7	6	6	7
ARUBA	8	8	9	7	8
FLYER	10	9	8	9	9
CAS-FR13	12	10	10	8	10
BAR FRR 4ZBD	13	11	11	11	11
RONDO	11	12	13	12	12
SILVERLAWN (WVPB-STCR-101)	9	14	15	15	13
BAR UR 204	14	13	12	14	14
COMMON CREEPING	15	15	14	13	15

TABLE 6F. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS FOR EACH YEAR (FULL SUN) IN THE U.S. 1/
1994-97 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING 2/

NAME	1994	1995	1996	1997	1994-97
DISCOVERY	1	1	1	1	1
RELIANT II	2	4	4	3	2
SR 3100	6	2	3	4	3
MB 82-93	7	3	2	5	4
OSPREY (PRO 92/24)	3	5	6	6	5
DEFIANT (MB 81-93)	4	7	5	2	6
NORDIC	8	8	9	9	7
ECOSTAR	9	6	7	8	8
VERNON (MB 83-93)	5	10	11	11	9
AURORA W/ENDO.	11	9	10	7	10
SPARTAN	12	11	8	10	11
BRIGADE	10	12	12	12	12
SCALDIS	13	13	14	13	13
PAMELA	14	14	13	14	14

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.

2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 7A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
 FOR EACH YEAR (SHADE) IN THE U.S. 1/
 1994-97 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	1994	1995	1996	1997	1994-97
BRITTANY	5.8	5.8	4.8	6.7	5.8
SHADOW II (PST-44D)	5.6	5.7	5.1	5.7	5.6
NJ F-93	5.6	5.0	5.3	6.6	5.5
SR 5100	5.8	5.4	4.7	6.1	5.5
RELIANT II	4.5	5.3	5.4	7.3	5.4
SANDPIPER (PRO 92/20)	5.3	5.6	4.7	5.9	5.4
PST-4ST	5.4	5.2	5.2	6.5	5.4
SHADEMASTER II	5.5	5.0	5.3	6.4	5.3
TIFFANY	5.3	5.0	4.9	6.9	5.3
DISCOVERY	5.3	4.6	5.8	6.0	5.3
WX3-FFG6	5.4	5.3	4.6	5.4	5.2
SPARTAN	4.9	5.1	4.7	7.1	5.2
VICTORY (E)	5.4	5.2	4.9	5.2	5.2
SHADOW (E)	5.5	4.9	5.3	5.1	5.2
VICTORY II (PICK 4-91W)	5.6	5.6	4.4	4.6	5.2
SCALDIS	4.8	4.7	5.1	7.1	5.2
OSPREY (PRO 92/24)	4.8	5.2	5.0	5.6	5.2
ISI-FC-62	5.1	5.0	4.9	6.0	5.1
TMI-3CE	5.0	4.8	4.8	5.9	5.0
DEFIANT (MB 81-93)	4.8	4.8	4.7	6.8	5.0
ECOSTAR	4.7	5.1	4.8	5.5	5.0
FLORENTINE (PST-4VB ENDO.)	5.3	5.3	4.2	5.1	5.0
MB 82-93	4.6	4.7	4.6	6.9	4.9
FLYER	5.4	4.6	4.8	5.5	4.9
BRIDGEPORT	5.3	5.5	4.2	4.1	4.9
PST-4DT	5.0	4.8	4.7	6.2	4.9
DAWSON	5.2	4.5	5.0	5.7	4.8
TREAZURE (ZPS-MG)	4.9	5.5	4.4	4.0	4.8
AURORA W/ENDO.	4.3	4.8	5.0	5.5	4.8
NORDIC	4.4	4.5	4.6	6.8	4.8
BANNER II	5.2	5.0	4.4	4.3	4.8
SR 3100	4.8	4.4	4.9	5.1	4.7
BAR UR 204	5.2	4.3	4.5	5.4	4.7
JAMESTOWN	4.9	4.7	4.6	5.0	4.7
VERNON (MB 83-93)	4.7	4.6	4.7	5.1	4.7
BANNER III (MB 61-93)	5.3	4.9	4.2	3.9	4.6
CULUMBRA (MB 64-93)	5.2	4.9	4.1	4.3	4.6
FLYER II (ZPS-4BN)	5.0	5.0	4.1	4.7	4.6
JASPER (E)	4.8	4.8	4.1	5.3	4.6
CAS-FR13	4.9	4.6	4.6	4.8	4.6
MB 66-93	5.1	4.4	4.3	5.1	4.5
CASCADE	4.9	4.4	4.2	4.8	4.5
SEABREEZE	4.8	4.5	4.4	5.6	4.5
K-2 (MB 65-93)	5.1	4.8	4.2	4.1	4.5
ECO (MB 63-93)	5.0	4.8	4.4	4.3	4.5
SILVERLAWN (WVPB-STCR-101)	4.8	4.2	4.2	4.9	4.4
JAMESTOWN II	5.2	4.8	4.0	3.4	4.4
MOLINDA	4.6	4.3	4.4	5.1	4.4
BRIGADE	4.5	4.4	4.5	4.7	4.4
MEDINA	4.4	4.3	4.4	5.2	4.4

TABLE 7A. MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
 (CONT'D) FOR EACH YEAR (SHADE) IN THE U.S.
 1994-97 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF

NAME	1994	1995	1996	1997	1994-97
QUATRO (FO 143)	4.7	4.5	4.3	4.0	4.4
ARUBA	4.8	4.3	4.2	4.9	4.3
WX3-FF54	4.7	4.9	4.0	3.5	4.3
RONDO	4.7	4.6	4.0	4.9	4.3
PAMELA	4.2	4.6	4.3	3.5	4.2
DARWIN	4.4	4.2	3.8	4.0	4.0
COMMON CREEPING	4.5	3.9	3.7	3.4	3.8
BAR FRR 4ZBD	4.2	4.0	4.1	3.5	3.7
67135	3.5	3.3	4.1	4.6	3.5
LSD VALUE	1.0	0.6	1.4	1.1	0.6
C.V. (%)	24.6	13.5	32.3	18.0	25.2

TABLE 7B. MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
 FOR EACH YEAR (SHADE) IN THE U.S. 1/
 1994-97 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	1994	1995	1996	1997	1994-97
DAWSON	5.2	4.5	5.0	5.7	4.8
SEABREEZE	4.8	4.5	4.4	5.6	4.5
LSD VALUE	1.2	0.6	1.6	0.7	0.6
C.V. (%)	30.6	14.6	36.3	10.4	27.2

TABLE 7C. MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
 FOR EACH YEAR (SHADE) IN THE U.S. 1/
 1994-97 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	1994	1995	1996	1997	1994-97
QUATRO (FO 143)	4.7	4.5	4.3	4.0	4.4
67135	3.5	3.3	4.1	4.6	3.5
LSD VALUE	0.8	0.3	0.9	0.6	0.4
C.V. (%)	23.6	9.3	22.5	12.0	22.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 7D. MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS FOR EACH YEAR (SHADE) IN THE U.S. 1/ 1994-97 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/					
NAME	1994	1995	1996	1997	1994-97
BRITTANY	5.8	5.8	4.8	6.7	5.8
SHADOW II (PST-44D)	5.6	5.7	5.1	5.7	5.6
NJ F-93	5.6	5.0	5.3	6.6	5.5
SR 5100	5.8	5.4	4.7	6.1	5.5
SANDPIPER (PRO 92/20)	5.3	5.6	4.7	5.9	5.4
TIFFANY	5.3	5.0	4.9	6.9	5.3
VICTORY (E)	5.4	5.2	4.9	5.2	5.2
SHADOW (E)	5.5	4.9	5.3	5.1	5.2
VICTORY II (PICK 4-91W)	5.6	5.6	4.4	4.6	5.2
ISI-FC-62	5.1	5.0	4.9	6.0	5.1
TMI-3CE	5.0	4.8	4.8	5.9	5.0
BRIDGEPORT	5.3	5.5	4.2	4.1	4.9
TREAZURE (ZPS-MG)	4.9	5.5	4.4	4.0	4.8
BANNER II	5.2	5.0	4.4	4.3	4.8
JAMESTOWN	4.9	4.7	4.6	5.0	4.7
BANNER III (MB 61-93)	5.3	4.9	4.2	3.9	4.6
CULUMBRA (MB 64-93)	5.2	4.9	4.1	4.3	4.6
MB 66-93	5.1	4.4	4.3	5.1	4.5
CASCADE	4.9	4.4	4.2	4.8	4.5
K-2 (MB 65-93)	5.1	4.8	4.2	4.1	4.5
ECO (MB 63-93)	5.0	4.8	4.4	4.3	4.5
JAMESTOWN II	5.2	4.8	4.0	3.4	4.4
MOLINDA	4.6	4.3	4.4	5.1	4.4
MEDINA	4.4	4.3	4.4	5.2	4.4
WX3-FF54	4.7	4.9	4.0	3.5	4.3
DARWIN	4.4	4.2	3.8	4.0	4.0
LSD VALUE	1.0	0.6	1.2	1.2	0.5
C.V. (%)	23.9	13.5	29.7	20.9	23.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 7E. MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
FOR EACH YEAR (SHADE) IN THE U.S. 1/
1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	1994	1995	1996	1997	1994-97
PST-4ST	5.4	5.2	5.2	6.5	5.4
SHADEMASTER II	5.5	5.0	5.3	6.4	5.3
WX3-FFG6	5.4	5.3	4.6	5.4	5.2
FLORENTINE (PST-4VB ENDO.)	5.3	5.3	4.2	5.1	5.0
FLYER	5.4	4.6	4.8	5.5	4.9
PST-4DT	5.0	4.8	4.7	6.2	4.9
BAR UR 204	5.2	4.3	4.5	5.4	4.7
FLYER II (ZPS-4BN)	5.0	5.0	4.1	4.7	4.6
JASPER (E)	4.8	4.8	4.1	5.3	4.6
CAS-FR13	4.9	4.6	4.6	4.8	4.6
SILVERLAWN (WVPB-STCR-101)	4.8	4.2	4.2	4.9	4.4
ARUBA	4.8	4.3	4.2	4.9	4.3
RONDO	4.7	4.6	4.0	4.9	4.3
COMMON CREEPING	4.5	3.9	3.7	3.4	3.8
BAR FRR 4ZBD	4.2	4.0	4.1	3.5	3.7
LSD VALUE	1.0	0.5	1.2	0.7	0.5
C.V. (%)	23.8	12.2	29.7	11.6	23.4

TABLE 7F. MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS
FOR EACH YEAR (SHADE) IN THE U.S. 1/
1994-97 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	1994	1995	1996	1997	1994-97
RELIANT II	4.5	5.3	5.4	7.3	5.4
DISCOVERY	5.3	4.6	5.8	6.0	5.3
SPARTAN	4.9	5.1	4.7	7.1	5.2
SCALDIS	4.8	4.7	5.1	7.1	5.2
OSPREY (PRO 92/24)	4.8	5.2	5.0	5.6	5.2
DEFIANT (MB 81-93)	4.8	4.8	4.7	6.8	5.0
ECOSTAR	4.7	5.1	4.8	5.5	5.0
MB 82-93	4.6	4.7	4.6	6.9	4.9
AURORA W/ENDO.	4.3	4.8	5.0	5.5	4.8
NORDIC	4.4	4.5	4.6	6.8	4.8
SR 3100	4.8	4.4	4.9	5.1	4.7
VERNON (MB 83-93)	4.7	4.6	4.7	5.1	4.7
BRIGADE	4.5	4.4	4.5	4.7	4.4
PAMELA	4.2	4.6	4.3	3.5	4.2
LSD VALUE	1.0	0.6	1.7	1.3	0.7
C.V. (%)	25.9	14.6	38.4	19.1	29.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 8A. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
FOR EACH YEAR (SHADE) IN THE U.S. 1/
1994-97 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING 2/

NAME	1994	1995	1996	1997	1994-97
BRITTANY	1.0	1	17.0	8.0	1
SHADOW II (PST-44D)	3.0	2	7.0	18.5	2
NJ F-93	4.0	17	3.0	9.0	3
SR 5100	2.0	7	23.0	13.0	4
RELIANT II	50.0	10	2.0	1.0	5
SANDPIPER (PRO 92/20)	13.5	3	22.0	16.0	6
PST-4ST	9.0	12	6.0	10.0	7
SHADEMASTER II	7.0	20	5.0	11.0	8
TIFFANY	13.5	19	15.0	5.0	9
DISCOVERY	17.0	37	1.0	14.0	10
WX3-FFG6	11.0	8	27.0	25.0	11
SPARTAN	31.0	15	24.0	3.0	12
VICTORY (E)	8.0	13	12.0	29.0	13
SHADOW (E)	6.0	22	4.0	34.0	14
VICTORY II (PICK 4-91W)	5.0	4	37.0	44.0	15
SCALDIS	39.0	35	8.0	2.0	16
OSPREY (PRO 92/24)	41.5	11	9.0	20.5	17
ISI-FC-62	24.0	18	14.0	15.0	18
TMI-3CE	26.0	26	18.0	17.0	19
DEFIANT (MB 81-93)	40.0	32	21.0	6.0	20
ECOSTAR	46.0	14	19.0	23.5	21
FLORENTINE (PST-4VB ENDO.)	12.0	9	47.0	30.5	22
MB 82-93	49.0	36	26.0	4.0	23
FLYER	10.0	42	16.0	22.0	24
BRIDGEPORT	15.5	5	44.0	50.0	25
PST-4DT	27.0	28	20.0	12.0	26
DAWSON	21.0	46	10.0	18.5	27
TREAZURE (ZPS-MG)	32.5	6	38.0	51.0	28
AURORA W/ENDO.	56.0	27	11.0	23.5	29
NORDIC	54.0	44	28.0	7.0	30
BANNER II	19.0	16	36.0	46.5	31
SR 3100	38.0	47	13.0	34.0	32
BAR UR 204	21.0	51	32.0	26.0	33
JAMESTOWN	32.5	34	30.0	36.0	34
VERNON (MB 83-93)	44.0	39	25.0	32.0	35
BANNER III (MB 61-93)	15.5	24	43.0	54.0	36
CULUMBRA (MB 64-93)	21.0	23	51.0	46.5	37
FLYER II (ZPS-4BN)	28.5	21	50.0	42.5	38
JASPER (E)	35.0	33	52.5	27.0	39
CAS-FR13	34.0	38	29.0	40.0	40
MB 66-93	24.0	48	40.0	30.5	41
CASCADE	30.0	50	46.0	41.0	42
SEABREEZE	36.0	45	35.0	20.5	43
K-2 (MB 65-93)	24.0	30	48.0	49.0	44
ECO (MB 63-93)	28.5	29	34.0	48.0	45

TABLE 8A. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF FINELEAF FESCUE CULTIVARS
(CONT'D) FOR EACH YEAR (SHADE) IN THE U.S.
1994-97 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING

NAME	1994	1995	1996	1997	1994-97
SILVERLAWN (WVFB-STCR-101)	41.5	55	45.0	38.0	46
JAMESTOWN II	18.0	31	55.5	58.5	47
MOLINDA	48.0	53	39.0	34.0	48
BRIGADE	51.0	49	31.0	42.5	49
MEDINA	55.0	52	33.0	28.0	50
QUATRO (FO 143)	43.0	43	42.0	52.5	51
ARUBA	37.0	54	49.0	38.0	52
WX3-FF54	47.0	25	57.0	55.5	53
RONDO	45.0	41	55.5	38.0	54
PAMELA	58.0	40	41.0	55.5	55
DARWIN	53.0	56	58.0	52.5	56
COMMON CREEPING	52.0	58	59.0	58.5	57
BAR FRR 4ZBD	57.0	57	54.0	57.0	58
67135	59.0	59	52.5	45.0	59

TABLE 8B. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
FOR EACH YEAR (SHADE) IN THE U.S. 1/
1994-97 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	1994	1995	1996	1997	1994-97
DAWSON	1	2	1	1	1
SEABREEZE	2	1	2	2	2

TABLE 8C. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF SHEEP FESCUE CULTIVARS
FOR EACH YEAR (SHADE) IN THE U.S. 1/
1994-97 DATA
QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	1994	1995	1996	1997	1994-97
QUATRO (FO 143)	1	1	1	2	1
67135	2	2	2	1	2

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.

2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 8D. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF CHEWINGS FESCUE CULTIVARS
FOR EACH YEAR (SHADE) IN THE U.S. 1/
1994-97 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING 2/

NAME	1994	1995	1996	1997	1994-97
BRITTANY	1.0	1	7	2.0	1
SHADOW II (PST-44D)	3.0	2	3	8.0	2
NJ F-93	4.0	10	1	3.0	3
SR 5100	2.0	7	10	4.0	4
SANDPIPER (PRO 92/20)	8.5	3	9	6.0	5
TIFFANY	8.5	12	6	1.0	6
VICTORY (E)	7.0	8	4	10.0	7
SHADOW (E)	6.0	13	2	12.5	8
VICTORY II (PICK 4-91W)	5.0	4	15	16.0	9
ISI-FC-62	16.0	11	5	5.0	10
TMI-3CE	18.0	17	8	7.0	11
BRIDGEPORT	10.5	5	20	21.0	12
TREAZURE (ZPS-MG)	21.5	6	16	22.0	13
BANNER II	13.0	9	14	17.5	14
JAMESTOWN	21.5	21	11	14.0	15
BANNER III (MB 61-93)	10.5	15	19	24.0	16
CULUMBRA (MB 64-93)	14.0	14	23	17.5	17
MB 66-93	16.0	22	18	11.0	18
CASCADE	20.0	23	21	15.0	19
K-2 (MB 65-93)	16.0	19	22	20.0	20
ECO (MB 63-93)	19.0	18	13	19.0	21
JAMESTOWN II	12.0	20	24	26.0	22
MOLINDA	24.0	25	17	12.5	23
MEDINA	26.0	24	12	9.0	24
WX3-FF54	23.0	16	25	25.0	25
DARWIN	25.0	26	26	23.0	26

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.

2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 8E. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS FOR EACH YEAR (SHADE) IN THE U.S. 1/
1994-97 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	1994	1995	1996	1997	1994-97
PST-4ST	2	3	2	1	1
SHADEMASTER II	1	4	1	2	2
WX3-FFG6	4	1	5	5	3
FLORENTINE (PST-4VB ENDO.)	5	2	9	8	4
FLYER	3	10	3	4	5
PST-4DT	7	6	4	3	6
BAR UR 204	6	11	7	6	7
FLYER II (ZES-4BN)	8	5	11	13	8
JASPER (E)	10	7	12	7	9
CAS-FR13	9	8	6	12	10
SILVERLAWN (WVPB-STCR-101)	12	13	8	10	11
ARUBA	11	12	10	10	12
RONDO	13	9	14	10	13
COMMON CREEPING	14	15	15	15	14
BAR FRR 4ZBD	15	14	13	14	15

TABLE 8F. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF HARD FESCUE CULTIVARS FOR EACH YEAR (SHADE) IN THE U.S. 1/
1994-97 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN: STATE LOCATIONS REPORTING 2/

NAME	1994	1995	1996	1997	1994-97
RELIANT II	10	1	2	1.0	1
DISCOVERY	1	9	1	7.0	2
SPARTAN	2	4	9	3.0	3
SCALDIS	4	7	3	2.0	4
OSPREY (PRO 92/24)	6	2	4	8.0	5
DEFIANT (MB 81-93)	5	6	8	5.0	6
ECOSTAR	8	3	7	9.5	7
MB 82-93	9	8	11	4.0	8
AURORA W/ENDO.	13	5	5	9.5	9
NORDIC	12	12	12	6.0	10
SR 3100	3	13	6	12.0	11
VERNON (MB 83-93)	7	10	10	11.0	12
BRIGADE	11	14	13	13.0	13
PAMELA	14	11	14	14.0	14

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.

2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 9A. (CONT'D)

GENETIC COLOR RATINGS OF FINELEAF FESCUE CULTIVARS
1994-97 DATA
GENETIC COLOR RATINGS 1-9; 9=DARK GREEN

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	LA1	MA1	MD1	ME1	MI1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	WI1	MEAN
SEABREEZE	5.4	3.3	5.0	6.2	4.1	6.8	6.2	5.3	5.3	7.7	7.2	7.5	7.7	5.7	4.9	4.9	7.7	6.1	6.0	5.4	6.6	5.2	6.1	6.1	6.1	6.0
TREAZURE (ZPS-MG)	4.6	4.3	7.0	5.3	4.0	6.2	6.7	6.0	5.4	7.7	7.2	5.5	6.3	6.0	5.6	5.9	7.7	6.3	5.7	6.0	6.0	5.3	6.0	6.0	6.0	6.0
SANDPIPER (PRO 92/20)	4.6	3.9	6.7	5.6	4.3	5.9	7.1	6.3	4.9	7.3	7.8	6.0	6.7	6.0	5.7	4.8	7.7	6.1	5.9	5.6	6.2	5.7	6.0	5.9	5.9	6.0
VICTORY (E)	5.1	4.3	8.0	5.3	4.3	6.3	6.6	6.3	4.9	8.0	7.2	5.7	6.5	4.5	5.0	5.6	7.2	5.7	5.3	5.7	5.7	5.3	6.0	6.3	6.3	5.9
MOLINDA	4.7	3.9	6.0	5.6	3.9	5.9	6.5	5.7	5.2	7.3	6.9	6.2	7.2	5.0	5.0	5.6	7.7	5.8	5.2	5.1	6.3	5.6	6.0	6.2	6.2	5.8
JAMESTOWN II	4.8	4.4	7.7	5.1	3.3	6.3	6.3	6.0	4.8	7.3	7.1	5.7	6.5	5.0	5.0	4.8	7.5	5.4	5.3	5.7	5.4	5.2	6.0	5.8	5.8	5.7
COMMON CREEPING	5.1	2.9	4.3	5.4	4.7	5.9	6.8	6.7	5.0	7.7	7.1	6.5	7.0	4.7	4.9	4.6	7.1	6.2	5.3	5.7	6.1	5.7	5.9	5.6	5.6	5.7
BAR UR 204	3.9	2.6	6.3	5.3	4.9	5.9	6.1	6.3	4.9	8.0	7.2	6.2	6.2	6.0	4.1	5.0	7.8	5.4	5.6	5.7	5.3	5.0	5.5	5.9	5.9	5.6
CASCADE	4.7	4.3	4.3	5.0	4.9	5.9	6.8	6.3	4.9	7.0	6.9	6.0	6.2	6.0	3.6	5.1	6.7	5.2	5.7	5.4	5.2	5.1	5.8	5.8	5.8	5.6
DAWSON	4.7	3.1	3.3	5.7	5.2	6.3	4.7	5.7	5.1	7.3	6.4	7.0	7.0	5.5	3.7	5.0	7.6	5.4	5.4	4.8	5.8	4.7	5.6	6.2	6.2	5.5
67135	4.3	2.8	5.7	5.4	4.8	5.7	6.5	4.7	4.7	7.7	7.2	6.5	6.8	6.0	4.0	5.4	5.0	3.8	5.0	6.3	5.3	4.7	6.5	6.2	6.2	5.5
ARUBA	4.4	2.9	5.3	5.4	3.4	5.2	5.8	5.3	4.3	7.7	6.8	6.5	6.7	4.7	3.9	3.9	7.8	6.2	4.4	5.0	5.7	4.7	4.8	6.1	6.1	5.3
RONDO	4.0	2.4	5.0	5.7	3.2	5.9	5.1	5.0	5.0	7.3	6.8	7.2	6.7	4.5	3.2	3.9	7.5	5.3	5.7	4.8	6.0	4.1	5.1	6.2	6.2	5.3
LSD VALUE	1.2	1.2	1.6	1.8	1.6	0.9	0.9	1.5	1.0	0.7	0.8	0.9	1.6	1.2	1.4	1.2	0.8	0.7	1.0	1.1	0.6	1.2	0.6	1.1	1.1	0.2
C.V. (%)	26.8	34.4	15.4	31.0	32.5	15.4	16.2	15.0	19.8	5.6	11.8	13.2	20.5	11.2	26.2	21.1	10.8	14.1	16.6	18.9	9.7	21.4	12.0	19.2	19.2	18.7

TABLE 9B.

GENETIC COLOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	LA1	MA1	MD1	ME1	MI1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	WI1	MEAN
SEABREEZE	5.4	3.3	5.0	6.2	4.1	6.8	6.2	5.3	5.3	7.7	7.2	7.5	7.7	5.7	4.9	4.9	7.7	6.1	6.0	5.4	6.6	5.2	6.1	6.1	6.1	6.0
DAWSON	4.7	3.1	3.3	5.7	5.2	6.3	4.7	5.7	5.1	7.3	6.4	7.0	7.0	5.5	3.7	5.0	7.6	5.4	5.4	4.8	5.8	4.7	5.6	6.2	6.2	5.5
LSD VALUE	1.0	1.6	1.3	1.7	1.6	0.9	2.0	1.5	1.0	0.9	0.6	0.8	1.6	1.1	1.0	1.2	0.7	0.8	1.1	1.3	0.6	0.8	0.7	1.1	1.1	0.2
C.V. (%)	21.1	52.0	19.6	30.2	36.5	14.0	39.4	16.6	19.7	7.7	10.2	10.2	19.0	11.2	24.0	25.2	9.7	16.5	21.5	28.4	9.7	17.2	14.5	20.0	20.0	21.0

TABLE 9C.

GENETIC COLOR RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA
GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	LA1	MA1	MD1	ME1	MI1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	WI1	MEAN
QUATRO (FO 143)	5.2	2.9	7.7	6.7	4.7	6.1	7.9	4.7	7.2	8.0	8.0	7.0	7.5	7	5.8	7.8	8.1	6.4	6.8	7.7	7.0	6.7	6.9	6.1	6.1	6.7
67135	4.3	2.8	5.7	5.4	4.8	5.7	6.5	4.7	4.7	7.7	7.2	6.5	6.8	6	4.0	5.4	5.0	3.8	5.0	6.3	5.3	4.7	6.5	6.2	6.2	5.5
LSD VALUE	1.3	1.4	0.9	1.9	1.3	0.9	1.2	0.9	1.1	0.7	1.0	0.8	1.0	0	2.1	1.1	1.1	0.8	0.9	1.0	0.9	1.9	0.7	1.1	1.1	0.3
C.V. (%)	28.4	53.3	8.7	33.1	28.8	16.4	21.3	12.4	20.4	5.2	14.5	11.0	12.7	0	46.2	17.6	12.7	18.0	15.6	15.2	15.2	35.8	12.7	19.2	19.2	21.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 9D.

GENETIC COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA
GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	LA1	MA1	MD1	ME1	MI1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	WI1	MEAN
COLUMBRA (MB 64-93)	5.4	3.9	7.0	6.2	6.6	6.2	8.0	7.3	6.1	7.3	8.1	5.7	7.3	5.7	7.3	7.0	7.9	7.3	7.2	6.7	6.9	6.6	7.3	6.1	6.1	6.8
ECO (MB 63-93)	5.3	4.1	7.0	6.3	5.2	6.3	7.2	7.3	5.8	7.7	7.9	5.8	7.5	6.3	7.1	7.0	8.3	6.6	6.6	7.0	7.0	6.3	6.5	6.6	6.6	6.7
NJ F-93	4.7	4.3	5.0	5.8	6.2	6.1	8.5	7.3	5.8	7.7	8.8	5.8	6.2	6.5	7.7	7.1	7.7	7.1	6.8	6.7	6.8	6.4	6.8	6.7	6.7	6.7
DARWIN	5.4	4.1	4.7	6.8	5.4	6.1	6.6	6.7	6.4	7.7	8.6	6.5	7.8	6.3	7.2	6.8	7.3	6.9	7.1	6.9	7.2	6.9	6.8	6.3	6.3	6.6
BANNER III (MB 61-93)	5.1	4.3	7.3	6.2	6.1	6.9	7.1	6.3	6.0	8.0	7.8	5.8	6.8	6.0	6.6	5.8	8.3	6.6	7.0	6.2	6.4	6.1	6.6	6.4	6.4	6.6
K-2 (MB 65-93)	5.2	4.0	6.7	6.2	6.0	6.6	7.8	6.0	6.0	8.0	7.8	5.7	6.7	5.7	6.1	6.3	7.9	6.3	6.9	6.0	6.8	6.1	6.8	6.6	6.6	6.5
BRITTANY	5.0	4.4	7.7	6.2	5.3	6.1	7.6	7.7	5.2	8.0	7.3	5.7	7.0	5.7	5.9	5.3	7.9	6.1	5.8	5.9	6.4	6.0	6.4	6.4	6.4	6.3
MEDINA	5.4	4.1	5.3	6.3	5.0	6.1	6.4	7.3	6.0	7.3	7.7	5.2	7.0	6.0	6.1	6.8	7.2	6.5	6.8	6.1	7.1	6.3	6.5	5.9	5.9	6.3
ISI-FC-62	4.8	4.6	7.3	6.1	5.7	6.6	7.4	6.3	5.3	7.7	7.6	5.5	6.8	5.3	6.0	5.9	6.7	6.2	6.4	6.0	6.7	6.0	6.7	6.1	6.1	6.3
MB 66-93	4.4	4.6	6.0	6.1	5.0	6.9	7.2	6.0	5.7	7.3	7.8	6.2	6.3	5.0	6.0	5.8	7.7	5.9	6.6	5.7	6.6	6.0	6.5	6.6	6.6	6.2
WX3-FF54	5.0	4.2	6.3	5.9	6.0	6.2	7.3	6.0	5.3	8.0	7.6	6.0	6.7	5.7	5.8	5.7	7.9	6.3	6.1	5.6	6.1	6.0	6.3	5.9	5.9	6.2
SR 5100	4.9	4.4	7.0	5.8	5.2	6.7	7.3	6.3	5.0	7.7	7.6	6.0	6.2	6.7	5.6	4.9	7.7	6.2	6.2	6.1	6.0	5.8	6.3	5.9	5.9	6.2
SHADOW (E)	4.7	4.3	7.0	6.1	6.0	6.2	6.8	6.0	5.7	7.7	7.4	5.7	6.2	5.5	5.8	5.8	7.7	5.9	6.0	5.6	6.1	5.6	6.6	6.7	6.7	6.2
TIFFANY	4.0	4.2	7.3	5.8	5.1	5.9	6.7	5.7	5.4	8.0	7.7	5.8	6.5	6.3	5.9	5.6	7.7	6.4	6.4	6.1	6.2	5.6	6.4	5.9	5.9	6.1
BRIDGEPORT	4.9	4.0	7.0	5.7	4.8	6.3	7.2	7.0	5.1	7.7	7.7	6.0	6.0	5.5	5.7	5.3	7.7	5.9	6.2	5.6	6.2	5.8	6.4	6.3	6.3	6.1
JAMESTOWN	5.2	4.4	5.7	5.6	5.2	6.6	6.3	6.7	5.2	7.7	7.4	5.8	7.7	6.3	5.3	5.6	8.0	5.7	5.4	6.0	6.1	4.9	6.4	6.2	6.2	6.1
SHADOW II (PST-44D)	4.7	4.0	8.3	6.0	4.2	5.8	6.3	6.7	5.0	8.0	7.3	5.8	6.2	5.7	5.8	5.7	7.7	5.9	5.6	5.9	6.1	5.7	6.5	5.9	5.9	6.1
BANNER II	4.4	4.0	7.3	5.4	4.1	6.1	7.3	7.0	5.6	7.7	7.3	5.8	6.3	5.7	5.3	5.8	7.9	5.9	6.2	5.7	5.7	5.8	6.4	6.4	6.4	6.1
VICTORY II (PICK 4-91W)	5.0	4.1	7.7	6.1	5.1	5.9	6.3	6.3	5.2	7.3	7.6	5.8	5.5	5.5	6.0	5.3	7.9	6.0	5.4	5.7	6.1	5.6	6.5	6.0	6.0	6.0
TMI-3CE	4.9	4.3	7.0	5.6	3.8	6.1	6.9	7.0	5.6	7.7	7.3	6.2	6.7	5.3	5.7	5.8	7.1	5.3	6.2	5.4	6.0	5.2	5.8	5.8	5.8	6.0
TREAZURE (ZPS-MG)	4.6	4.3	7.0	5.3	4.0	6.2	6.7	6.0	5.4	7.7	7.2	5.5	6.3	6.0	5.6	5.9	7.7	6.3	5.7	6.0	6.0	5.3	6.0	6.0	6.0	6.0
SANDPIPER (PRO 92/20)	4.6	3.9	6.7	5.6	4.3	5.9	7.1	6.3	4.9	7.3	7.8	6.0	6.7	6.0	5.7	4.8	7.7	6.1	5.9	5.6	6.2	5.7	6.0	5.9	5.9	6.0
VICTORY (E)	5.1	4.3	8.0	5.3	4.3	6.3	6.6	6.3	4.9	8.0	7.2	5.7	6.5	4.5	5.0	5.6	7.2	5.7	5.3	5.7	5.7	5.3	6.0	6.3	6.3	5.9
MOLINDA	4.7	3.9	6.0	5.6	3.9	5.9	6.5	5.7	5.2	7.3	6.9	6.2	7.2	5.0	5.0	5.6	7.7	5.8	5.2	5.1	6.3	5.6	6.0	6.2	6.2	5.8
JAMESTOWN II	4.8	4.4	7.7	5.1	3.3	6.3	6.3	6.0	4.8	7.3	7.1	5.7	6.5	5.0	5.0	4.8	7.5	5.4	5.3	5.7	5.4	5.2	6.0	5.8	5.8	5.7
CASCADE	4.7	4.3	4.3	5.0	4.9	5.9	6.8	6.3	4.9	7.0	6.9	6.0	6.2	6.0	3.6	5.1	6.7	5.2	5.7	5.4	5.2	5.1	5.8	5.8	5.8	5.6
LSD VALUE	1.3	1.0	1.4	1.8	1.6	0.9	0.9	1.2	1.0	0.8	0.6	0.9	1.7	1.3	1.0	1.2	0.9	0.6	0.9	1.0	0.6	1.0	0.6	1.1	1.1	0.2
C.V. (%)	28.1	25.1	13.1	33.2	34.5	14.7	15.5	11.1	20.6	6.3	9.1	14.3	22.9	13.2	18.1	22.6	11.3	12.2	15.9	17.6	9.9	19.2	12.4	19.8	19.8	18.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 9E.

GENETIC COLOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	LA1	MA1	MD1	ME1	MI1	MO1	NE1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	WI1	MEAN
BAR FRR 4ZBD	5.6	2.6	7.0	7.3	6.9	7.1	8.5	7.0	6.8	7.7	7.6	7.0	7.5	7.0	6.8	6.7	8.0	7.5	7.7	6.4	7.6	6.4	7.4	6.0	6.0	7.0
FLORENTINE (PST-4VB ENDO.)	4.9	2.9	6.3	7.1	7.9	6.6	8.3	6.0	6.1	7.7	7.7	6.7	7.2	7.0	7.4	7.0	7.9	7.6	7.7	6.8	7.2	6.8	6.8	6.3	6.3	6.9
SHADEMASTER II	5.1	2.2	6.0	6.8	7.3	6.8	7.9	6.0	5.8	8.0	8.0	6.8	7.2	6.3	6.8	6.1	7.9	7.5	7.6	6.1	7.0	6.3	7.1	7.2	7.2	6.7
FLYER II (ZPS-4BN)	5.1	3.1	6.0	6.4	6.2	6.9	7.8	6.0	5.9	7.7	7.8	6.2	7.3	6.3	6.6	7.0	7.3	7.8	7.9	5.9	7.1	6.6	6.6	6.9	6.9	6.7
JASPER (E)	5.4	3.6	7.3	7.1	5.9	6.3	8.3	6.7	6.0	8.0	7.4	6.3	7.5	6.5	5.9	6.4	8.0	6.4	7.3	6.0	6.8	6.2	6.7	6.0	6.0	6.6
PST-4ST	4.3	3.0	8.0	6.4	6.9	6.4	7.7	5.3	5.6	8.0	7.8	6.8	6.7	6.0	6.2	6.1	7.9	7.3	7.4	5.9	6.4	6.1	6.5	6.9	6.9	6.5
PST-4DT	5.0	2.7	6.3	7.1	6.3	6.3	7.8	4.7	5.9	7.7	7.9	6.7	7.2	6.0	6.1	6.1	8.1	7.0	7.2	6.3	6.8	5.8	6.5	6.2	6.2	6.4
CAS-FR13	5.6	2.8	5.7	6.9	5.2	6.6	8.1	6.0	5.4	7.7	8.0	6.7	7.3	5.7	6.1	5.0	7.5	7.1	7.6	5.9	7.3	6.8	6.5	6.6	6.6	6.4
SILVERLAWN (WVPB-SICR-101)	4.4	3.4	5.3	6.2	6.8	6.0	7.6	6.0	5.6	7.3	7.8	6.2	6.5	6.0	6.3	6.1	7.6	6.8	6.7	5.4	6.6	6.0	6.2	6.1	6.1	6.2
FLYER	5.0	2.7	6.3	6.6	5.7	5.6	7.0	6.0	5.7	7.7	6.8	6.3	6.5	6.3	5.3	5.7	7.9	6.6	7.1	6.2	6.7	5.8	6.4	6.0	6.0	6.2
WX3-FFG6	4.7	4.6	6.7	6.0	5.2	6.2	7.5	5.3	5.4	7.3	7.4	6.3	6.7	6.0	5.8	5.3	8.0	6.1	6.1	5.9	6.1	5.9	6.3	5.9	5.9	6.1
COMMON CREEPING	5.1	2.9	4.3	5.4	4.7	5.9	6.8	6.7	5.0	7.7	7.1	6.5	7.0	4.7	4.9	4.6	7.1	6.2	5.3	5.7	6.1	5.7	5.9	5.6	5.6	5.7
BAR UR 204	3.9	2.6	6.3	5.3	4.9	5.9	6.1	6.3	4.9	8.0	7.2	6.2	6.2	6.0	4.1	5.0	7.8	5.4	5.6	5.7	5.3	5.0	5.5	5.9	5.9	5.6
ARUBA	4.4	2.9	5.3	5.4	3.4	5.2	5.8	5.3	4.3	7.7	6.8	6.5	6.7	4.7	3.9	3.9	7.8	6.2	4.4	5.0	5.7	4.7	4.8	6.1	6.1	5.3
RONDO	4.0	2.4	5.0	5.7	3.2	5.9	5.1	5.0	5.0	7.3	6.8	7.2	6.7	4.5	3.2	3.9	7.5	5.3	5.7	4.8	6.0	4.1	5.1	6.2	6.2	5.3
LSD VALUE	1.1	1.4	1.6	1.5	1.6	0.9	0.9	1.9	0.8	0.8	1.1	0.9	1.5	1.0	1.1	1.1	0.8	0.6	0.9	1.1	0.7	0.9	0.6	1.1	1.1	0.2
C.V. (%)	25.0	52.4	15.9	26.0	28.9	15.9	14.5	19.8	15.0	6.4	15.3	11.9	19.2	10.1	21.5	21.0	11.0	11.6	15.0	21.1	10.9	16.2	12.5	18.9	18.9	17.9

TABLE 9F.

GENETIC COLOR RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	GA1	GA2	IA1	IL1	IL2	KS1	KY1	IA1	MA1	MD1	ME1	MI1	MO1	NE1	NJ1	NJ2	CH1	OK1	PA1	RI1	UB1	VA1	WA1	WI1	WI1	MEAN
VERNON (MB 83-93)	4.7	4.0	6.3	7.1	4.4	6.8	8.0	5.7	7.0	8.0	7.9	6.7	7.5	6.0	6.6	7.7	8.1	6.5	7.0	6.8	7.7	6.6	6.8	6.3	6.3	6.8
DISCOVERY	4.4	3.4	7.3	7.1	6.2	7.0	7.3	6.3	6.0	8.0	8.2	7.0	7.0	6.5	6.0	7.0	7.9	5.8	5.8	6.7	6.8	5.6	6.5	6.1	6.1	6.5
SR 3100	4.7	4.0	6.7	6.3	5.8	6.7	7.3	5.0	6.6	8.0	8.0	6.8	7.5	6.7	5.8	6.6	7.9	5.7	6.3	6.9	7.1	5.9	6.3	6.4	6.4	6.5
MB 82-93	5.1	4.1	7.0	6.3	5.4	6.6	7.4	5.7	5.9	8.0	7.9	6.2	7.5	5.7	6.6	5.8	8.1	5.8	5.9	6.7	6.8	6.3	7.2	6.1	6.1	6.5
BRIGADE	4.2	4.0	6.7	6.7	5.0	6.2	7.0	6.0	6.1	8.0	8.0	6.8	7.2	6.0	6.3	7.1	7.4	6.1	5.8	7.3	7.0	6.0	6.8	6.2	6.2	6.5
DEFIANT (MB 81-93)	4.6	3.4	6.7	6.1	3.3	6.7	7.7	5.7	6.4	8.0	8.3	6.5	7.8	6.0	5.8	6.4	7.9	5.7	5.9	6.8	6.8	6.0	7.0	6.2	6.2	6.4
RELIANT II	4.8	3.3	6.7	6.4	4.3	6.4	7.5	5.3	6.3	8.0	7.7	6.7	7.2	5.5	5.8	6.0	8.3	6.3	6.1	7.1	6.7	5.1	7.1	6.4	6.4	6.4
SCALDIS	4.6	3.1	6.3	6.6	5.0	6.3	6.7	6.0	6.6	7.7	7.9	6.0	6.2	6.5	6.1	6.9	7.7	6.4	6.6	6.7	7.4	6.0	6.5	5.8	5.8	6.3
SPARTAN	4.3	3.9	5.3	6.3	5.7	6.6	7.5	5.7	6.4	8.0	7.6	6.7	7.3	6.0	5.9	7.1	7.9	6.0	5.6	6.0	6.8	6.0	6.3	5.9	5.9	6.3
OSPREY (PRO 92/24)	4.6	3.6	7.3	5.7	5.7	6.6	7.5	5.0	6.6	8.0	8.0	6.5	8.0	5.0	5.3	6.0	7.4	5.9	5.9	6.7	6.8	5.6	6.5	5.7	5.7	6.3
PAMELA	4.9	3.3	5.7	6.1	5.7	6.8	6.9	5.3	6.2	8.0	7.6	6.8	7.0	6.5	5.3	7.1	7.7	6.3	5.6	5.7	6.9	6.0	6.8	6.2	6.2	6.3
NORDIC	4.3	3.8	5.7	6.4	5.1	6.6	7.2	5.7	6.3	8.0	7.8	6.7	6.7	5.5	5.4	7.1	7.7	5.8	6.1	6.7	6.7	5.9	6.6	6.1	6.1	6.3
AURORA W/ENDO.	4.1	2.9	6.0	6.0	4.9	6.3	6.8	5.3	6.0	8.0	7.8	6.7	7.5	5.3	6.1	6.9	7.7	5.9	5.7	6.4	6.8	6.2	7.0	6.0	6.0	6.3
ECOSTAR	4.0	3.4	6.0	6.1	5.9	7.1	6.3	5.7	5.7	8.0	8.0	6.8	6.5	5.5	5.4	6.8	7.6	5.4	5.3	6.4	6.4	6.0	6.3	6.6	6.6	6.2
LSD VALUE	1.1	1.1	2.0	1.9	1.6	1.0	0.9	1.5	1.3	0.2	0.8	1.0	1.5	1.0	2.1	1.2	0.7	1.0	1.1	1.1	0.5	1.5	0.5	1.0	1.0	0.3
C.V. (%)	26.4	32.0	19.0	32.0	32.8	16.0	15.8	16.8	22.0	1.9	11.6	13.5	18.6	8.9	37.7	18.9	9.4	19.5	19.3	18.1	7.2	27.0	10.2	18.3	18.3	19.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 10A.

 SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 1994-97 DATA
 SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	IA1	IL1	IL2	KS1	KY1	MA1	MI1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	MEAN
ECO (MB 63-93)	5.7	6.2	6.0	6.4	7.7	4.5	6.2	7.3	6.3	7.0	6.8	5.3	7.1	5.5	6.5	6.0	6.4	6.3
MB 66-93	5.7	5.8	6.3	6.1	7.8	4.2	6.2	7.7	6.7	7.0	6.5	5.4	6.9	4.7	7.0	6.3	6.6	6.3
MOLINDA	6.5	6.0	6.7	6.2	8.0	4.0	6.3	7.0	7.0	6.3	6.0	4.8	6.7	6.0	7.2	5.7	6.3	6.3
ARUBA	6.3	6.7	7.3	6.0	6.8	5.0	6.2	7.0	6.3	6.3	7.5	5.0	7.1	4.7	6.3	4.7	5.9	6.2
PST-4DT	6.0	6.3	5.3	6.6	7.0	4.5	6.0	7.3	5.3	7.0	7.8	4.6	7.0	4.8	6.3	5.7	6.7	6.1
MEDINA	6.7	6.3	7.3	6.1	5.3	4.7	4.8	7.7	5.0	7.0	7.5	4.8	7.0	4.8	6.1	5.0	6.9	6.1
JASPER (E)	6.0	6.0	4.7	6.4	6.5	4.8	5.8	7.3	5.0	7.7	7.8	4.3	7.2	4.7	6.0	5.7	6.3	6.0
SHADOW (E)	6.3	5.9	7.3	6.1	7.2	3.8	5.5	7.3	4.7	6.0	6.8	4.5	6.4	6.3	6.1	5.3	6.6	6.0
FLORENTINE (PST-4VB ENDO.)	6.3	6.1	7.3	6.9	7.5	5.0	5.3	7.7	3.3	6.3	8.2	4.4	6.2	3.8	5.8	6.0	5.9	6.0
QUATRO (FO 143)	5.2	5.5	6.0	5.8	8.3	5.8	6.0	7.7	6.3	5.3	7.2	4.7	5.9	3.0	6.6	6.3	6.2	6.0
K-2 (MB 65-93)	6.7	5.7	5.7	6.1	7.2	3.3	5.5	7.7	5.7	6.7	7.0	4.8	6.6	4.8	6.2	5.0	6.2	5.9
ISI-FC-62	6.2	5.9	5.7	5.7	7.3	3.7	5.5	8.3	4.7	7.0	7.0	4.7	6.3	4.8	6.3	5.3	6.1	5.9
JAMESTOWN	5.8	5.0	7.0	5.9	6.8	4.2	5.8	7.7	6.0	5.7	7.0	4.4	6.6	5.0	5.7	5.7	6.2	5.9
CAS-FR13	6.7	6.3	4.7	6.3	7.3	4.2	5.7	7.3	5.7	6.0	7.8	4.8	6.9	3.8	6.7	4.3	5.8	5.9
CASCADE	5.8	6.1	6.0	6.2	6.8	3.5	5.5	6.3	7.0	6.0	7.3	4.8	6.9	4.5	5.9	4.7	6.7	5.9
TIFFANY	5.5	5.8	5.7	5.4	6.8	3.5	5.2	7.3	6.0	6.7	7.5	4.5	6.1	6.5	5.6	5.7	6.2	5.9
SHADOW II (PST-44D)	6.2	5.7	5.7	6.1	7.3	4.0	5.2	7.3	6.0	6.7	6.5	4.6	6.6	4.5	6.1	5.0	6.4	5.9
SILVERLAWN (WVPB-STCR-101)	5.7	6.3	8.0	5.8	8.0	4.3	6.0	7.0	4.0	6.0	7.0	4.8	6.3	4.0	5.8	4.7	5.7	5.8
MB 82-93	5.7	5.5	6.7	6.2	7.3	4.0	5.5	7.7	6.0	5.0	7.2	4.8	5.8	4.2	6.4	5.0	6.1	5.8
BRIDGEPORT	5.8	5.5	6.7	6.2	7.2	3.3	5.8	7.0	4.7	6.3	7.0	4.5	6.6	5.5	5.9	5.3	5.4	5.8
FLYER	5.5	6.0	6.3	5.7	7.5	4.7	5.7	7.3	5.3	6.7	7.3	4.3	6.7	4.0	6.0	4.3	5.4	5.8
WX3-FFG6	6.0	5.5	6.3	5.7	7.2	4.0	6.2	7.3	5.0	6.3	7.4	4.3	6.4	4.3	5.7	5.3	5.2	5.8
VICTORY II (PICK 4-91W)	5.5	5.7	7.0	5.8	7.2	3.3	5.5	8.0	4.3	5.3	7.2	4.4	6.4	4.7	6.1	6.3	5.2	5.8
VICTORY (E)	6.2	5.6	7.3	5.9	6.7	3.5	5.8	7.0	4.3	5.7	8.0	4.3	6.2	5.0	6.0	5.0	5.2	5.8
CULUMBRA (MB 64-93)	6.5	5.5	4.3	6.3	7.2	4.0	5.5	7.0	4.7	6.0	7.2	4.4	6.6	5.5	5.7	5.3	6.1	5.8
BRITTANY	5.8	5.6	6.7	6.0	6.7	3.3	6.0	8.0	4.0	5.7	7.0	4.6	6.2	4.7	6.0	5.7	5.7	5.7
TREAZURE (ZPS-MG)	6.0	5.5	5.7	5.9	7.8	3.5	5.7	8.0	4.0	6.0	7.8	4.6	6.3	5.3	5.5	4.7	5.3	5.7
67135	6.7	7.7	6.0	6.2	7.3	5.5	5.0	5.3	4.7	5.3	.	5.4	8.0	2.8	6.2	5.0	4.7	5.7
FLYER II (ZPS-4BN)	6.3	5.4	6.0	6.6	7.3	4.2	6.0	6.7	3.7	6.0	7.8	4.0	6.1	4.7	6.3	4.7	4.6	5.7
PST-4ST	5.5	5.8	6.3	5.4	6.8	4.7	5.8	8.3	2.7	6.3	8.0	4.5	6.0	4.2	5.8	5.0	5.0	5.7
BAR FRR 4ZBD	6.3	5.6	5.3	6.0	7.2	5.0	5.0	8.3	3.3	5.7	7.5	4.6	6.3	3.7	5.7	5.7	5.0	5.7
WX3-FF54	5.7	5.5	6.3	5.6	7.4	3.7	5.8	7.3	3.7	5.7	7.4	4.6	6.0	4.7	5.0	5.7	6.1	5.7
NJ F-93	5.2	4.9	6.7	5.9	7.5	4.2	5.7	7.7	3.7	6.0	7.5	4.7	5.2	4.8	5.6	5.0	5.6	5.6
BAR UR 204	6.0	5.8	7.0	5.8	5.8	3.7	5.8	7.0	5.3	6.3	7.2	4.5	7.1	3.3	5.1	4.0	5.7	5.6
SHADEMASTER II	5.3	5.3	5.7	5.7	7.0	4.3	5.8	8.3	3.3	6.7	7.8	4.2	5.8	3.8	6.1	4.3	5.7	5.6
DEFIANT (MB 81-93)	5.5	5.4	6.3	6.4	6.2	4.5	5.8	7.7	4.3	4.3	7.2	4.6	5.7	4.2	5.8	5.7	5.6	5.6
TMI-3CE	5.7	5.4	5.3	5.7	7.0	3.5	5.8	7.3	5.0	6.3	7.0	4.2	5.9	5.2	5.6	5.0	5.2	5.6
SR 5100	5.5	5.5	6.3	6.1	6.7	3.0	5.2	7.7	3.3	6.3	7.3	4.3	6.0	5.5	5.6	5.0	5.8	5.6
PAMELA	5.5	4.7	7.0	6.0	7.3	4.7	5.0	7.0	3.7	4.7	7.2	4.5	5.7	4.2	6.2	6.0	4.7	5.5
BANNER III (MB 61-93)	6.0	5.3	5.7	6.0	6.8	4.2	5.5	7.3	4.0	5.7	7.0	4.1	6.4	4.3	5.5	4.7	5.1	5.5
BANNER II	5.8	5.6	4.0	5.6	6.5	3.8	5.8	7.0	4.7	6.3	6.8	4.3	6.2	4.8	5.1	4.7	5.6	5.4
COMMON CREEPING	6.3	5.3	5.7	5.9	6.3	4.2	5.8	7.3	3.7	5.0	7.2	4.3	6.0	3.5	5.8	4.7	4.8	5.4
SANDPIPER (PRO 92/20)	5.7	5.3	5.0	5.8	6.3	3.3	5.5	7.3	3.3	6.0	7.0	4.3	6.2	4.2	6.0	4.7	5.0	5.4
JAMESTOWN II	5.8	5.3	5.7	5.4	7.0	3.5	5.3	6.7	3.7	4.7	7.0	4.0	6.6	4.2	5.0	4.7	5.7	5.3
BRIGADE	5.2	5.4	7.0	6.6	6.8	3.8	5.8	7.3	3.3	3.3	6.7	4.0	4.2	3.8	6.1	5.7	5.0	5.3
SEABREEZE	5.7	5.8	5.0	6.0	1.0	4.5	6.2	7.0	5.0	5.3	7.7	4.4	5.7	4.2	6.3	4.0	5.4	5.2
NORDIC	5.2	4.2	6.3	6.2	6.5	5.5	5.7	7.7	2.3	3.3	7.0	4.1	4.3	2.8	5.2	5.3	4.6	5.1

TABLE 10A. (CONT'D)

SPRING GREENUP RATINGS OF FINELEAF FESCUE CULTIVARS
1994-97 DATA
SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN

NAME	IA1	IL1	IL2	KS1	KY1	MA1	MI1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	MEAN
AURORA W/ENDO.	5.2	4.6	5.7	5.9	7.0	4.2	5.3	7.3	2.7	3.7	7.3	3.9	3.9	3.2	5.5	6.0	4.8	5.1
SPARTAN	5.7	4.7	5.3	7.0	6.3	4.5	5.7	6.7	2.3	3.0	7.0	4.0	5.0	3.5	5.3	5.3	4.8	5.1
ECOSTAR	5.0	4.2	5.3	6.6	6.7	4.3	5.8	8.3	2.0	2.7	6.7	3.8	4.3	4.5	5.8	5.3	4.6	5.0
DAWSON	5.2	5.5	6.3	5.4	1.3	4.7	5.5	7.0	4.3	5.3	7.5	3.7	5.3	3.5	5.5	4.0	5.2	5.0
SCALDIS	5.2	4.5	4.0	5.9	7.3	5.0	5.7	7.0	2.3	3.0	7.0	4.0	4.7	3.8	6.1	4.7	4.7	5.0
DARWIN	5.8	4.9	6.0	5.3	1.0	4.0	5.8	8.7	3.3	5.0	.	4.5	5.4	4.0	5.3	5.3	5.1	5.0
VERNON (MB 83-93)	4.8	4.7	4.7	6.1	6.6	5.0	5.7	7.7	2.7	2.7	7.5	4.0	4.3	3.0	5.7	4.7	4.8	5.0
SR 3100	4.8	4.2	6.3	6.1	6.4	4.5	5.0	7.3	2.3	3.7	7.3	3.4	3.9	3.0	5.7	5.3	4.3	4.9
OSPREY (PRO 92/24)	4.7	4.1	6.0	6.2	6.2	4.7	5.7	7.7	2.3	2.3	6.8	3.5	4.4	3.0	5.7	5.3	5.0	4.9
DISCOVERY	5.2	4.5	6.3	6.0	6.0	4.7	5.7	7.3	2.3	2.7	7.2	3.9	3.9	3.0	5.3	5.3	4.3	4.9
RONDO	5.5	5.1	6.3	5.1	1.0	4.3	5.5	7.0	3.3	5.7	7.0	3.3	5.0	3.8	4.9	3.7	4.7	4.8
RELIANT II	4.8	4.5	4.7	5.9	6.0	3.8	5.2	7.3	2.7	2.3	7.2	3.8	5.1	2.7	5.4	4.7	4.6	4.7
LSD VALUE	1.4	0.7	2.3	0.9	1.7	1.6	0.8	1.3	1.7	1.5	1.0	1.1	1.1	1.3	1.1	1.2	1.1	0.3
C.V. (%)	20.9	15.2	23.4	16.2	20.5	33.9	12.6	10.9	24.8	17.4	11.3	30.8	19.0	25.8	22.6	15.0	22.2	20.3

TABLE 10B.

SPRING GREENUP RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	IA1	IL1	IL2	KS1	KY1	MA1	MI1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	MEAN
SEABREEZE	5.7	5.8	5.0	6.0	1.0	4.5	6.2	7	5.0	5.3	7.7	4.4	5.7	4.2	6.3	4.0	5.4	5.2
DAWSON	5.2	5.5	6.3	5.4	1.3	4.7	5.5	7	4.3	5.3	7.5	3.7	5.3	3.5	5.5	4.0	5.2	5.0
LSD VALUE	1.3	0.7	3.1	0.9	0.7	1.4	0.7	0	2.1	0.9	1.1	1.0	1.1	0.9	0.5	1.1	1.1	0.3
C.V. (%)	20.4	15.4	33.8	16.5	35.0	26.6	11.3	0	27.7	10.8	11.7	29.6	22.3	20.8	11.0	17.7	22.9	19.6

TABLE 10C.

SPRING GREENUP RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA
SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	IA1	IL1	IL2	KS1	KY1	MA1	MI1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	MEAN
QUATRO (FO 143)	5.2	5.5	6.0	5.8	8.3	5.8	6.0	7.7	6.3	5.3	7.2	4.7	5.9	3.0	6.6	6.3	6.2	6.0
67135	6.7	7.7	6.0	6.2	7.3	5.5	5.0	5.3	4.7	5.3	.	5.4	8.0	2.8	6.2	5.0	4.7	5.7
LSD VALUE	2.1	1.0	2.8	0.8	1.8	1.2	0.5	1.9	1.9	3.3	1.1	1.8	1.0	1.7	1.2	1.3	0.9	0.4
C.V. (%)	31.2	18.2	28.9	13.9	15.6	17.9	8.1	17.8	21.0	39.0	13.7	40.9	15.6	51.8	22.8	14.4	16.9	22.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 10D.

SPRING GREENUP RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA
SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	IA1	IL1	IL2	KS1	KY1	MA1	MI1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	MEAN
ECO (MB 63-93)	5.7	6.2	6.0	6.4	7.7	4.5	6.2	7.3	6.3	7.0	6.8	5.3	7.1	5.5	6.5	6.0	6.4	6.3
MB 66-93	5.7	5.8	6.3	6.1	7.8	4.2	6.2	7.7	6.7	7.0	6.5	5.4	6.9	4.7	7.0	6.3	6.6	6.3
MOLINDA	6.5	6.0	6.7	6.2	8.0	4.0	6.3	7.0	7.0	6.3	6.0	4.8	6.7	6.0	7.2	5.7	6.3	6.3
MEDINA	6.7	6.3	7.3	6.1	5.3	4.7	4.8	7.7	5.0	7.0	7.5	4.8	7.0	4.8	6.1	5.0	6.9	6.1
SHADOW (E)	6.3	5.9	7.3	6.1	7.2	3.8	5.5	7.3	4.7	6.0	6.8	4.5	6.4	6.3	6.1	5.3	6.6	6.0
K-2 (MB 65-93)	6.7	5.7	5.7	6.1	7.2	3.3	5.5	7.7	5.7	6.7	7.0	4.8	6.6	4.8	6.2	5.0	6.2	5.9
ISI-FC-62	6.2	5.9	5.7	5.7	7.3	3.7	5.5	8.3	4.7	7.0	7.0	4.7	6.3	4.8	6.3	5.3	6.1	5.9
JAMESTOWN	5.8	5.0	7.0	5.9	6.8	4.2	5.8	7.7	6.0	5.7	7.0	4.4	6.6	5.0	5.7	5.7	6.2	5.9
CASCADE	5.8	6.1	6.0	6.2	6.8	3.5	5.5	6.3	7.0	6.0	7.3	4.8	6.9	4.5	5.9	4.7	6.7	5.9
TIFFANY	5.5	5.8	5.7	5.4	6.8	3.5	5.2	7.3	6.0	6.7	7.5	4.5	6.1	6.5	5.6	5.7	6.2	5.9
SHADOW II (PST-44D)	6.2	5.7	5.7	6.1	7.3	4.0	5.2	7.3	6.0	6.7	6.5	4.6	6.6	4.5	6.1	5.0	6.4	5.9
BRIDGEPORT	5.8	5.5	6.7	6.2	7.2	3.3	5.8	7.0	4.7	6.3	7.0	4.5	6.6	5.5	5.9	5.3	5.4	5.8
VICTORY II (PICK 4-91W)	5.5	5.7	7.0	5.8	7.2	3.3	5.5	8.0	4.3	5.3	7.2	4.4	6.4	4.7	6.1	6.3	5.2	5.8
VICTORY (E)	6.2	5.6	7.3	5.9	6.7	3.5	5.8	7.0	4.3	5.7	8.0	4.3	6.2	5.0	6.0	5.0	5.2	5.8
CULUMBRA (MB 64-93)	6.5	5.5	4.3	6.3	7.2	4.0	5.5	7.0	4.7	6.0	7.2	4.4	6.6	5.5	5.7	5.3	6.1	5.8
BRITTANY	5.8	5.6	6.7	6.0	6.7	3.3	6.0	8.0	4.0	5.7	7.0	4.6	6.2	4.7	6.0	5.7	5.7	5.7
TREAZURE (ZPS-MG)	6.0	5.5	5.7	5.9	7.8	3.5	5.7	8.0	4.0	6.0	7.8	4.6	6.3	5.3	5.5	4.7	5.3	5.7
WX3-FF54	5.7	5.5	6.3	5.6	7.4	3.7	5.8	7.3	3.7	5.7	7.4	4.6	6.0	4.7	5.0	5.7	6.1	5.7
NJ F-93	5.2	4.9	6.7	5.9	7.5	4.2	5.7	7.7	3.7	6.0	7.5	4.7	5.2	4.8	5.6	5.0	5.6	5.6
TMI-3CE	5.7	5.4	5.3	5.7	7.0	3.5	5.8	7.3	5.0	6.3	7.0	4.2	5.9	5.2	5.6	5.0	5.2	5.6
SR 5100	5.5	5.5	6.3	6.1	6.7	3.0	5.2	7.7	3.3	6.3	7.3	4.3	6.0	5.5	5.6	5.0	5.8	5.6
BANNER III (MB 61-93)	6.0	5.3	5.7	6.0	6.8	4.2	5.5	7.3	4.0	5.7	7.0	4.1	6.4	4.3	5.5	4.7	5.1	5.5
BANNER II	5.8	5.6	4.0	5.6	6.5	3.8	5.8	7.0	4.7	6.3	6.8	4.3	6.2	4.8	5.1	4.7	5.6	5.4
SANDPIPER (PRO 92/20)	5.7	5.3	5.0	5.8	6.3	3.3	5.5	7.3	3.3	6.0	7.0	4.3	6.2	4.2	6.0	4.7	5.0	5.4
JAMESTOWN II	5.8	5.3	5.7	5.4	7.0	3.5	5.3	6.7	3.7	4.7	7.0	4.0	6.6	4.2	5.0	4.7	5.7	5.3
DARWIN	5.8	4.9	6.0	5.3	1.0	4.0	5.8	8.7	3.3	5.0	.	4.5	5.4	4.0	5.3	5.3	5.1	5.0
LSD VALUE	1.3	0.6	2.1	0.9	2.0	1.7	0.9	1.2	1.7	1.2	1.2	1.2	1.1	1.2	1.1	1.3	1.2	0.3
C.V. (%)	18.7	13.2	21.0	16.4	23.6	40.7	13.8	10.2	22.0	11.9	13.1	32.9	17.9	21.5	23.8	14.9	22.6	20.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 10E.

SPRING GREENUP RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	IA1	IL1	IL2	KS1	KY1	MA1	MI1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	MEAN
ARUBA	6.3	6.7	7.3	6.0	6.8	5.0	6.2	7.0	6.3	6.3	7.5	5.0	7.1	4.7	6.3	4.7	5.9	6.2
PST-4DT	6.0	6.3	5.3	6.6	7.0	4.5	6.0	7.3	5.3	7.0	7.8	4.6	7.0	4.8	6.3	5.7	6.7	6.1
JASPER (E)	6.0	6.0	4.7	6.4	6.5	4.8	5.8	7.3	5.0	7.7	7.8	4.3	7.2	4.7	6.0	5.7	6.3	6.0
FLORENTINE (PST-4VB ENDO.)	6.3	6.1	7.3	6.9	7.5	5.0	5.3	7.7	3.3	6.3	8.2	4.4	6.2	3.8	5.8	6.0	5.9	6.0
CAS-FR13	6.7	6.3	4.7	6.3	7.3	4.2	5.7	7.3	5.7	6.0	7.8	4.8	6.9	3.8	6.7	4.3	5.8	5.9
SILVERLAWN (WVPB-STCR-101)	5.7	6.3	8.0	5.8	8.0	4.3	6.0	7.0	4.0	6.0	7.0	4.8	6.3	4.0	5.8	4.7	5.7	5.8
FLYER	5.5	6.0	6.3	5.7	7.5	4.7	5.7	7.3	5.3	6.7	7.3	4.3	6.7	4.0	6.0	4.3	5.4	5.8
WX3-FFG6	6.0	5.5	6.3	5.7	7.2	4.0	6.2	7.3	5.0	6.3	7.4	4.3	6.4	4.3	5.7	5.3	5.2	5.8
FLYER II (ZPS-4BN)	6.3	5.4	6.0	6.6	7.3	4.2	6.0	6.7	3.7	6.0	7.8	4.0	6.1	4.7	6.3	4.7	4.6	5.7
PST-4ST	5.5	5.8	6.3	5.4	6.8	4.7	5.8	8.3	2.7	6.3	8.0	4.5	6.0	4.2	5.8	5.0	5.0	5.7
BAR FRR 4ZBD	6.3	5.6	5.3	6.0	7.2	5.0	5.0	8.3	3.3	5.7	7.5	4.6	6.3	3.7	5.7	5.7	5.0	5.7
BAR UR 204	6.0	5.8	7.0	5.8	5.8	3.7	5.8	7.0	5.3	6.3	7.2	4.5	7.1	3.3	5.1	4.0	5.7	5.6
SHADEMASTER II	5.3	5.3	5.7	5.7	7.0	4.3	5.8	8.3	3.3	6.7	7.8	4.2	5.8	3.8	6.1	4.3	5.7	5.6
COMMON CREEPING	6.3	5.3	5.7	5.9	6.3	4.2	5.8	7.3	3.7	5.0	7.2	4.3	6.0	3.5	5.8	4.7	4.8	5.4
RONDO	5.5	5.1	6.3	5.1	1.0	4.3	5.5	7.0	3.3	5.7	7.0	3.3	5.0	3.8	4.9	3.7	4.7	4.8
LSD VALUE	1.6	0.7	2.5	0.9	1.4	1.7	0.8	1.4	1.9	1.3	0.7	1.1	1.0	1.3	1.0	1.4	1.3	0.3
C.V. (%)	23.7	14.0	25.5	15.6	17.2	34.5	11.5	11.9	26.5	13.2	7.8	30.0	16.7	28.9	21.1	17.7	24.9	19.9

TABLE 10F.

SPRING GREENUP RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	IA1	IL1	IL2	KS1	KY1	MA1	MI1	MO1	NJ1	NJ2	OH1	OK1	PA1	RI1	UB1	VA1	WA1	MEAN
MB 82-93	5.7	5.5	6.7	6.2	7.3	4.0	5.5	7.7	6.0	5.0	7.2	4.8	5.8	4.2	6.4	5.0	6.1	5.8
DEFIANT (MB 81-93)	5.5	5.4	6.3	6.4	6.2	4.5	5.8	7.7	4.3	4.3	7.2	4.6	5.7	4.2	5.8	5.7	5.6	5.6
PAMELA	5.5	4.7	7.0	6.0	7.3	4.7	5.0	7.0	3.7	4.7	7.2	4.5	5.7	4.2	6.2	6.0	4.7	5.5
BRIGADE	5.2	5.4	7.0	6.6	6.8	3.8	5.8	7.3	3.3	3.3	6.7	4.0	4.2	3.8	6.1	5.7	5.0	5.3
NORDIC	5.2	4.2	6.3	6.2	6.5	5.5	5.7	7.7	2.3	3.3	7.0	4.1	4.3	2.8	5.2	5.3	4.6	5.1
AURORA W/ENDO.	5.2	4.6	5.7	5.9	7.0	4.2	5.3	7.3	2.7	3.7	7.3	3.9	3.9	3.2	5.5	6.0	4.8	5.1
SPARTAN	5.7	4.7	5.3	7.0	6.3	4.5	5.7	6.7	2.3	3.0	7.0	4.0	5.0	3.5	5.3	5.3	4.8	5.1
ECOSTAR	5.0	4.2	5.3	6.6	6.7	4.3	5.8	8.3	2.0	2.7	6.7	3.8	4.3	4.5	5.8	5.3	4.6	5.0
SCALDIS	5.2	4.5	4.0	5.9	7.3	5.0	5.7	7.0	2.3	3.0	7.0	4.0	4.7	3.8	6.1	4.7	4.7	5.0
VERNON (MB 83-93)	4.8	4.7	4.7	6.1	6.6	5.0	5.7	7.7	2.7	2.7	7.5	4.0	4.3	3.0	5.7	4.7	4.8	5.0
SR 3100	4.8	4.2	6.3	6.1	6.4	4.5	5.0	7.3	2.3	3.7	7.3	3.4	3.9	3.0	5.7	5.3	4.3	4.9
OSPREY (PRO 92/24)	4.7	4.1	6.0	6.2	6.2	4.7	5.7	7.7	2.3	2.3	6.8	3.5	4.4	3.0	5.7	5.3	5.0	4.9
DISCOVERY	5.2	4.5	6.3	6.0	6.0	4.7	5.7	7.3	2.3	2.7	7.2	3.9	3.9	3.0	5.3	5.3	4.3	4.9
RELIANT II	4.8	4.5	4.7	5.9	6.0	3.8	5.2	7.3	2.7	2.3	7.2	3.8	5.1	2.7	5.4	4.7	4.6	4.7
LSD VALUE	1.1	0.8	2.1	1.0	1.3	1.3	0.8	1.3	1.4	1.9	0.9	0.7	1.1	1.2	1.1	1.0	0.8	0.3
C.V. (%)	19.0	20.3	22.6	16.6	14.9	25.7	12.2	10.8	30.0	34.6	11.5	21.7	25.1	30.3	23.0	12.0	17.1	19.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 11A.

LEAF TEXTURE RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IA1	IL1	IL2	KS1	KY1	MD1	MI1	MO1	NJ1	NJ2	OH1	OK1	RI1	UB1	VA1	WA1	MEAN
SHADOW II (PST-44D)	8.3	8.6	8.0	7.4	9.0	8.0	6.0	8.7	8.5	7.9	8.7	8.0	7.0	9.0	8.2	8.3	8.1
DISCOVERY	7.0	8.3	7.7	7.0	9.0	8.0	6.0	8.3	8.0	8.4	9.0	8.0	7.3	8.9	8.0	7.9	7.9
VICTORY II (PICK 4-91W)	7.7	8.1	6.8	7.9	8.8	8.0	6.0	8.8	6.7	7.6	8.7	7.9	7.7	8.7	7.4	8.0	7.8
QUATRO (FO 143)	6.3	8.7	7.0	6.3	9.0	8.0	6.0	8.5	6.2	7.1	9.0	8.7	7.3	9.0	8.6	8.1	7.7
BRITTANY	8.0	8.3	7.3	7.1	9.0	8.0	6.0	8.5	6.8	7.1	8.5	7.8	7.0	8.4	7.6	8.0	7.7
ECOSTAR	6.3	8.0	7.8	7.2	8.6	8.0	6.0	8.5	7.8	7.3	8.3	6.8	7.2	8.9	7.9	8.0	7.7
RELIANT II	6.3	8.4	6.7	6.8	8.9	8.0	6.0	8.3	7.3	7.4	9.0	7.1	7.5	8.8	7.9	7.8	7.6
DEFIANT (MB 81-93)	6.7	8.1	5.8	7.2	8.8	8.0	6.0	8.7	7.3	7.3	9.0	7.9	7.2	8.8	7.6	8.0	7.6
SR 3100	6.3	8.2	6.2	7.0	9.0	8.0	6.0	8.0	8.0	7.7	9.0	6.8	7.5	8.8	7.7	8.0	7.6
MB 82-93	7.3	8.2	6.7	6.7	9.0	7.7	5.8	8.3	7.2	7.0	9.0	7.9	7.2	8.7	7.4	7.8	7.6
AURORA W/ENDO.	5.0	8.1	7.3	6.9	9.0	8.0	6.0	8.5	8.0	7.0	8.3	8.0	6.7	8.8	8.0	7.9	7.6
TREAZURE (ZPS-MG)	7.3	8.4	6.7	7.0	9.0	7.7	6.0	8.3	6.0	6.4	9.0	8.0	7.5	8.6	7.4	8.1	7.6
NORDIC	5.0	8.0	7.7	7.4	8.7	8.0	6.0	8.5	6.5	6.6	8.7	8.0	7.5	9.0	7.8	8.1	7.6
WX3-FF54	7.0	8.3	5.7	7.4	8.7	8.0	6.0	8.2	7.3	6.8	8.6	8.0	7.2	8.6	7.6	8.0	7.6
BANNER III (MB 61-93)	7.3	8.2	7.2	7.0	9.0	8.0	6.0	8.3	5.5	6.8	8.5	8.0	7.5	8.4	7.4	8.0	7.6
JAMESTOWN II	7.0	8.4	7.7	6.9	8.8	8.0	6.0	8.3	5.3	6.3	8.6	8.0	7.3	8.7	7.3	8.4	7.6
TIFFANY	6.3	8.3	5.3	7.2	8.9	8.0	5.8	8.5	6.8	7.2	8.8	8.0	7.0	8.8	7.7	8.1	7.5
SHADOW (E)	7.0	8.2	6.8	7.6	8.9	8.0	6.0	8.7	5.3	6.4	8.7	8.0	7.0	8.8	7.4	7.9	7.5
ECO (MB 63-93)	6.7	8.4	6.7	7.3	9.0	8.0	6.0	8.2	5.8	6.4	8.6	7.9	7.3	8.4	7.6	8.3	7.5
SANDPIPER (PRO 92/20)	6.0	8.2	7.3	6.7	8.9	8.0	5.8	8.5	6.3	6.6	9.0	8.0	7.0	8.6	7.6	8.2	7.5
TMI-3CE	6.3	8.4	7.2	7.2	8.8	8.0	6.0	8.3	6.0	6.3	9.0	7.8	7.2	8.7	7.2	8.1	7.5
BRIDGEPORT	6.7	8.4	6.5	7.4	8.9	7.7	6.0	8.3	5.8	6.6	8.7	8.0	7.5	8.6	7.3	8.0	7.5
OSPREY (PRO 92/24)	7.0	8.3	6.2	5.9	8.7	8.0	6.0	8.2	7.7	6.3	8.7	7.8	7.3	8.8	7.6	8.0	7.5
K-2 (MB 65-93)	7.3	8.3	6.7	7.2	9.0	8.0	6.0	8.5	5.2	6.0	9.0	7.9	7.0	8.6	7.4	8.0	7.5
CULUMBRA (MB 64-93)	7.3	8.3	7.2	7.4	8.8	8.0	6.0	8.5	5.0	5.8	8.3	8.2	7.3	8.3	7.4	8.1	7.5
SEABREEZE	4.7	8.6	6.5	7.1	8.3	8.0	6.0	8.3	6.8	7.8	9.0	7.8	7.2	8.6	7.0	8.3	7.5
SCALDIS	6.3	7.7	8.0	7.1	8.4	7.7	6.0	8.2	6.5	6.8	9.0	6.3	7.3	8.7	7.8	7.8	7.5
SR 5100	6.0	8.3	6.8	6.8	8.7	8.0	6.0	8.2	5.7	7.2	8.3	8.0	7.3	8.7	7.3	8.2	7.5
BRIGADE	5.7	7.9	8.2	6.4	8.9	8.0	6.0	8.3	6.0	6.3	9.0	7.2	7.2	8.8	7.8	7.8	7.5
NJ F-93	5.0	8.4	7.5	7.7	8.3	8.0	6.0	8.5	6.0	6.0	8.5	8.2	7.2	8.6	7.6	7.9	7.5
VERNON (MB 83-93)	6.3	8.1	7.3	6.9	8.7	8.0	6.0	8.2	5.7	6.3	8.3	6.9	7.5	8.7	7.8	8.0	7.4
VICTORY (E)	7.0	8.6	5.5	7.0	8.6	7.7	6.0	8.5	5.5	6.9	8.0	8.0	7.5	8.4	7.4	8.0	7.4
RONDO	6.0	8.7	7.2	7.1	8.5	8.0	6.0	8.3	6.0	6.1	8.6	7.8	7.0	8.4	6.4	8.3	7.4
ISI-FC-62	6.7	8.2	5.8	7.1	9.0	7.7	6.0	8.7	4.5	6.3	9.0	8.0	7.5	8.4	7.3	8.0	7.4
PAMELA	4.7	8.2	7.5	6.9	8.8	8.0	6.0	8.2	6.7	5.6	8.7	7.6	6.8	8.8	7.8	7.9	7.4
JAMESTOWN	5.7	8.1	7.7	6.9	8.9	8.0	6.0	8.3	5.2	5.2	9.0	8.0	7.2	8.3	7.4	7.9	7.4
SPARTAN	5.3	8.1	6.8	6.7	8.8	8.0	6.0	8.0	7.0	6.6	8.3	7.0	6.8	8.8	7.7	7.9	7.4
PST-4ST	7.7	8.3	5.8	6.6	8.6	7.7	6.0	8.3	5.7	6.1	8.3	7.7	7.2	8.3	7.3	8.1	7.4
BANNER II	6.7	8.4	6.3	6.9	8.8	7.7	5.8	8.2	5.7	6.1	8.3	7.8	7.2	8.3	7.3	7.8	7.3
DARWIN	5.0	8.4	5.8	7.0	7.3	8.0	6.0	8.7	6.3	6.6	.	8.0	7.7	8.7	8.0	8.1	7.3
FLORENTINE (PST-4VB ENDO.)	6.0	7.9	6.7	7.1	8.8	7.7	5.8	8.0	6.8	6.4	8.0	7.6	6.8	8.4	7.1	7.7	7.3
WX3-FPG6	7.0	8.1	6.8	6.6	8.0	7.7	5.7	8.5	5.3	6.2	8.4	8.0	7.2	8.3	7.1	7.8	7.3
MB 66-93	5.7	8.4	5.7	6.9	8.8	8.0	6.0	8.3	4.5	6.1	9.0	7.6	7.2	8.7	7.6	8.1	7.3
BAR UR 204	5.3	8.0	7.3	6.4	8.8	7.7	6.0	8.3	5.0	6.0	8.6	8.0	7.5	8.2	7.1	8.1	7.3
MEDINA	6.0	8.3	5.5	7.3	8.8	8.0	5.0	8.7	5.5	5.6	8.5	7.6	7.7	8.3	7.3	8.0	7.3
SHADEMASTER II	5.3	8.3	5.8	6.8	9.0	7.7	6.0	8.5	6.3	6.1	8.3	7.8	6.7	8.3	7.1	7.9	7.3
PST-4DT	6.7	8.2	6.8	6.6	8.4	8.0	6.0	8.2	5.3	6.0	8.3	7.6	7.0	8.2	6.9	7.8	7.2

TABLE 11A. (CONT'D)

LEAF TEXTURE RATINGS OF FINELEAF FESCUE CULTIVARS
1994-97 DATA
LEAF TEXTURE RATINGS 1-9; 9=VERY FINE

NAME	IA1	IL1	IL2	KS1	KY1	MD1	MI1	MO1	NJ1	NJ2	OH1	OK1	RI1	UB1	VA1	WA1	MEAN
FLYER II (ZPS-4BN)	5.7	8.3	6.2	6.7	8.9	8.0	6.0	8.2	6.2	5.7	8.3	7.2	6.8	8.1	7.3	7.8	7.2
JASPER (E)	7.3	7.9	6.3	6.6	8.3	7.3	6.0	8.0	5.0	6.4	8.3	7.2	7.2	8.2	7.2	7.8	7.2
MOLINDA	6.0	8.3	6.8	7.0	8.4	7.7	6.0	8.7	5.0	4.9	8.5	7.6	7.2	8.1	6.8	8.3	7.2
DAWSON	3.7	8.6	5.8	7.0	8.0	8.0	5.8	8.2	6.2	5.9	9.0	8.0	6.7	8.7	6.4	8.2	7.1
ARUBA	5.7	7.9	5.8	6.8	8.9	8.0	6.0	8.5	6.3	4.8	8.3	7.2	7.2	8.0	6.8	7.8	7.1
SILVERLAWN (WVPB-STCR-101)	5.3	8.0	8.2	6.8	8.4	7.3	6.0	8.3	4.7	4.8	8.0	7.6	7.2	8.2	6.7	7.9	7.1
FLYER	5.7	7.9	5.2	6.7	8.2	7.7	5.8	8.3	5.0	5.9	8.0	7.3	7.0	8.4	7.1	7.8	7.0
CAS-FR13	5.3	7.8	6.3	6.6	8.8	8.0	6.0	8.0	3.7	6.2	8.2	7.0	7.2	8.0	6.8	7.9	7.0
BAR FRR 4ZBD	6.7	8.0	5.5	6.4	8.1	8.0	6.0	8.2	2.8	4.7	8.0	7.0	7.5	8.1	6.9	7.8	6.9
CASCADE	4.0	8.0	5.3	6.7	8.4	8.0	6.0	8.2	3.0	5.4	8.3	7.9	7.2	7.9	6.6	7.8	6.8
COMMON CREEPING 67135	3.7	7.8	6.5	6.9	8.4	7.7	6.0	8.2	3.5	4.7	8.4	7.1	7.5	7.6	6.3	7.8	6.7
	4.0	7.8	5.8	6.3	8.0	8.0	5.8	8.3	4.3	6.4	.	6.9	7.2	7.4	6.1	7.8	6.7
LSD VALUE	1.7	1.0	1.8	0.7	0.6	0.5	0.4	0.7	1.6	1.5	0.5	0.8	1.1	0.5	1.0	0.3	0.2
C.V. (%)	17.2	12.7	23.5	11.3	6.8	3.9	6.0	7.5	23.0	25.7	5.1	11.3	13.8	6.6	15.0	5.1	12.9

TABLE 11B.

LEAF TEXTURE RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IA1	IL1	IL2	KS1	KY1	MD1	MI1	MO1	NJ1	NJ2	OH1	OK1	RI1	UB1	VA1	WA1	MEAN
SEABREEZE	4.7	8.6	6.5	7.1	8.3	8	6.0	8.3	6.8	7.8	9	7.8	7.2	8.6	7.0	8.3	7.5
DAWSON	3.7	8.6	5.8	7.0	8.0	8	5.8	8.2	6.2	5.9	9	8.0	6.7	8.7	6.4	8.2	7.1
LSD VALUE	1.5	0.7	2.2	0.5	1.2	0	0.3	0.9	2.0	1.1	0	0.3	1.3	0.5	1.5	0.4	0.3
C.V. (%)	21.9	8.5	31.7	7.8	13.0	0	4.9	9.5	27.4	17.3	0	4.0	15.9	6.0	23.6	6.5	13.6

TABLE 11C.

LEAF TEXTURE RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA
LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IA1	IL1	IL2	KS1	KY1	MD1	MI1	MO1	NJ1	NJ2	OH1	OK1	RI1	UB1	VA1	WA1	MEAN
QUATRO (FO 143)	6.3	8.7	7.0	6.3	9.0	8	6.0	8.5	6.2	7.1	9	8.7	7.3	9.0	8.6	8.1	7.7
67135	4.0	7.8	5.8	6.3	8.0	8	5.8	8.3	4.3	6.4	.	6.9	7.2	7.4	6.1	7.8	6.7
LSD VALUE	1.3	1.0	2.3	0.8	0.8	0	0.3	0.8	1.7	1.7	0	0.9	1.3	0.3	1.2	0.5	0.3
C.V. (%)	15.8	12.7	31.5	13.7	8.7	0	4.9	8.3	28.4	27.4	0	11.1	15.2	4.5	17.1	7.2	14.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 11D.

LEAF TEXTURE RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA
LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IA1	IL1	IL2	KS1	KY1	MD1	MI1	MO1	NJ1	NJ2	OH1	OK1	RI1	UB1	VA1	WA1	MEAN
SHADOW II (PST-44D)	8.3	8.6	8.0	7.4	9.0	8.0	6.0	8.7	8.5	7.9	8.7	8.0	7.0	9.0	8.2	8.3	8.1
VICTORY II (PICK 4-91W)	7.7	8.1	6.8	7.9	8.8	8.0	6.0	8.8	6.7	7.6	8.7	7.9	7.7	8.7	7.4	8.0	7.8
BRITTANY	8.0	8.3	7.3	7.1	9.0	8.0	6.0	8.5	6.8	7.1	8.5	7.8	7.0	8.4	7.6	8.0	7.7
TREAZURE (ZPS-MG)	7.3	8.4	6.7	7.0	9.0	7.7	6.0	8.3	6.0	6.4	9.0	8.0	7.5	8.6	7.4	8.1	7.6
WX3-FF54	7.0	8.3	5.7	7.4	8.7	8.0	6.0	8.2	7.3	6.8	8.6	8.0	7.2	8.6	7.6	8.0	7.6
BANNER III (MB 61-93)	7.3	8.2	7.2	7.0	9.0	8.0	6.0	8.3	5.5	6.8	8.5	8.0	7.5	8.4	7.4	8.0	7.6
JAMESTOWN II	7.0	8.4	7.7	6.9	8.8	8.0	6.0	8.3	5.3	6.3	8.6	8.0	7.3	8.7	7.3	8.4	7.6
TIFFANY	6.3	8.3	5.3	7.2	8.9	8.0	5.8	8.5	6.8	7.2	8.8	8.0	7.0	8.8	7.7	8.1	7.5
SHADOW (E)	7.0	8.2	6.8	7.6	8.9	8.0	6.0	8.7	5.3	6.4	8.7	8.0	7.0	8.8	7.4	7.9	7.5
ECO (MB 63-93)	6.7	8.4	6.7	7.3	9.0	8.0	6.0	8.2	5.8	6.4	8.6	7.9	7.3	8.4	7.6	8.3	7.5
SANDPIPER (PRO 92/20)	6.0	8.2	7.3	6.7	8.9	8.0	5.8	8.5	6.3	6.6	9.0	8.0	7.0	8.6	7.6	8.2	7.5
TMI-3CE	6.3	8.4	7.2	7.2	8.8	8.0	6.0	8.3	6.0	6.3	9.0	7.8	7.2	8.7	7.2	8.1	7.5
BRIDGEPORT	6.7	8.4	6.5	7.4	8.9	7.7	6.0	8.3	5.8	6.6	8.7	8.0	7.5	8.6	7.3	8.0	7.5
K-2 (MB 65-93)	7.3	8.3	6.7	7.2	9.0	8.0	6.0	8.5	5.2	6.0	9.0	7.9	7.0	8.6	7.4	8.0	7.5
CULUMBRA (MB 64-93)	7.3	8.3	7.2	7.4	8.8	8.0	6.0	8.5	5.0	5.8	8.3	8.2	7.3	8.3	7.4	8.1	7.5
SR 5100	6.0	8.3	6.8	6.8	8.7	8.0	6.0	8.2	5.7	7.2	8.3	8.0	7.3	8.7	7.3	8.2	7.5
NJ F-93	5.0	8.4	7.5	7.7	8.3	8.0	6.0	8.5	6.0	6.0	8.5	8.2	7.2	8.6	7.6	7.9	7.5
VICTORY (E)	7.0	8.6	5.5	7.0	8.6	7.7	6.0	8.5	5.5	6.9	8.0	8.0	7.5	8.4	7.4	8.0	7.4
ISI-FC-62	6.7	8.2	5.8	7.1	9.0	7.7	6.0	8.7	4.5	6.3	9.0	8.0	7.5	8.4	7.3	8.0	7.4
JAMESTOWN	5.7	8.1	7.7	6.9	8.9	8.0	6.0	8.3	5.2	5.2	9.0	8.0	7.2	8.3	7.4	7.9	7.4
BANNER II	6.7	8.4	6.3	6.9	8.8	7.7	5.8	8.2	5.7	6.1	8.3	7.8	7.2	8.3	7.3	7.8	7.3
DARWIN	5.0	8.4	5.8	7.0	7.3	8.0	6.0	8.7	6.3	6.6	.	8.0	7.7	8.7	8.0	8.1	7.3
MB 66-93	5.7	8.4	5.7	6.9	8.8	8.0	6.0	8.3	4.5	6.1	9.0	7.6	7.2	8.7	7.6	8.1	7.3
MEDINA	6.0	8.3	5.5	7.3	8.8	8.0	5.0	8.7	5.5	5.6	8.5	7.6	7.7	8.3	7.3	8.0	7.3
MOLINDA	6.0	8.3	6.8	7.0	8.4	7.7	6.0	8.7	5.0	4.9	8.5	7.6	7.2	8.1	6.8	8.3	7.2
CASCADE	4.0	8.0	5.3	6.7	8.4	8.0	6.0	8.2	3.0	5.4	8.3	7.9	7.2	7.9	6.6	7.8	6.8
LSD VALUE	1.4	0.9	1.9	0.6	0.6	0.4	0.6	0.7	1.5	1.6	0.6	0.3	1.0	0.5	0.9	0.3	0.2
C.V. (%)	13.0	12.2	25.6	9.7	7.1	3.5	8.4	7.0	22.9	26.6	5.5	3.7	12.1	6.8	13.4	4.9	12.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 11E.

LEAF TEXTURE RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IA1	IL1	IL2	KS1	KY1	MD1	MI1	MO1	NJ1	NJ2	OH1	OK1	RI1	UB1	VA1	WA1	MEAN
RONDO	6.0	8.7	7.2	7.1	8.5	8.0	6.0	8.3	6.0	6.1	8.6	7.8	7.0	8.4	6.4	8.3	7.4
PST-4ST	7.7	8.3	5.8	6.6	8.6	7.7	6.0	8.3	5.7	6.1	8.3	7.7	7.2	8.3	7.3	8.1	7.4
FLORENTINE (PST-4VB ENDO.)	6.0	7.9	6.7	7.1	8.8	7.7	5.8	8.0	6.8	6.4	8.0	7.6	6.8	8.4	7.1	7.7	7.3
WX3-FFG6	7.0	8.1	6.8	6.6	8.0	7.7	5.7	8.5	5.3	6.2	8.4	8.0	7.2	8.3	7.1	7.8	7.3
BAR UR 204	5.3	8.0	7.3	6.4	8.8	7.7	6.0	8.3	5.0	6.0	8.6	8.0	7.5	8.2	7.1	8.1	7.3
SHADEMASTER II	5.3	8.3	5.8	6.8	9.0	7.7	6.0	8.5	6.3	6.1	8.3	7.8	6.7	8.3	7.1	7.9	7.3
PST-4DT	6.7	8.2	6.8	6.6	8.4	8.0	6.0	8.2	5.3	6.0	8.3	7.6	7.0	8.2	6.9	7.8	7.2
FLYER II (ZPS-4BN)	5.7	8.3	6.2	6.7	8.9	8.0	6.0	8.2	6.2	5.7	8.3	7.2	6.8	8.1	7.3	7.8	7.2
JASPER (E)	7.3	7.9	6.3	6.6	8.3	7.3	6.0	8.0	5.0	6.4	8.3	7.2	7.2	8.2	7.2	7.8	7.2
ARUBA	5.7	7.9	5.8	6.8	8.9	8.0	6.0	8.5	6.3	4.8	8.3	7.2	7.2	8.0	6.8	7.8	7.1
SILVERLAWN (WVPB-STCR-101)	5.3	8.0	8.2	6.8	8.4	7.3	6.0	8.3	4.7	4.8	8.0	7.6	7.2	8.2	6.7	7.9	7.1
FLYER	5.7	7.9	5.2	6.7	8.2	7.7	5.8	8.3	5.0	5.9	8.0	7.3	7.0	8.4	7.1	7.8	7.0
CAS-FR13	5.3	7.8	6.3	6.6	8.8	8.0	6.0	8.0	3.7	6.2	8.2	7.0	7.2	8.0	6.8	7.9	7.0
BAR FRR 4ZBD	6.7	8.0	5.5	6.4	8.1	8.0	6.0	8.2	2.8	4.7	8.0	7.0	7.5	8.1	6.9	7.8	6.9
COMMON CREEPING	3.7	7.8	6.5	6.9	8.4	7.7	6.0	8.2	3.5	4.7	8.4	7.1	7.5	7.6	6.3	7.8	6.7
LSD VALUE	1.6	1.0	1.6	0.6	0.5	0.7	0.2	0.7	1.8	1.6	0.6	0.6	1.2	0.6	1.3	0.4	0.3
C.V. (%)	16.2	13.5	22.4	8.9	6.8	5.8	3.4	7.7	30.0	29.8	5.8	8.0	14.5	7.9	20.9	5.7	13.8

TABLE 11F.

LEAF TEXTURE RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IA1	IL1	IL2	KS1	KY1	MD1	MI1	MO1	NJ1	NJ2	OH1	OK1	RI1	UB1	VA1	WA1	MEAN
DISCOVERY	7.0	8.3	7.7	7.0	9.0	8.0	6.0	8.3	8.0	8.4	9.0	8.0	7.3	8.9	8.0	7.9	7.9
ECOSTAR	6.3	8.0	7.8	7.2	8.6	8.0	6.0	8.5	7.8	7.3	8.3	6.8	7.2	8.9	7.9	8.0	7.7
RELIANT II	6.3	8.4	6.7	6.8	8.9	8.0	6.0	8.3	7.3	7.4	9.0	7.1	7.5	8.8	7.9	7.8	7.6
DEFIANT (MB 81-93)	6.7	8.1	5.8	7.2	8.8	8.0	6.0	8.7	7.3	7.3	9.0	7.9	7.2	8.8	7.6	8.0	7.6
SR 3100	6.3	8.2	6.2	7.0	9.0	8.0	6.0	8.0	8.0	7.7	9.0	6.8	7.5	8.8	7.7	8.0	7.6
MB 82-93	7.3	8.2	6.7	6.7	9.0	7.7	5.8	8.3	7.2	7.0	9.0	7.9	7.2	8.7	7.4	7.8	7.6
AURORA W/ENDO.	5.0	8.1	7.3	6.9	9.0	8.0	6.0	8.5	8.0	7.0	8.3	8.0	6.7	8.8	8.0	7.9	7.6
NORDIC	5.0	8.0	7.7	7.4	8.7	8.0	6.0	8.5	6.5	6.6	8.7	8.0	7.5	9.0	7.8	8.1	7.6
OSPREY (PRO 92/24)	7.0	8.3	6.2	5.9	8.7	8.0	6.0	8.2	7.7	6.3	8.7	7.8	7.3	8.8	7.6	8.0	7.5
SCALDIS	6.3	7.7	8.0	7.1	8.4	7.7	6.0	8.2	6.5	6.8	9.0	6.3	7.3	8.7	7.8	7.8	7.5
BRIGADE	5.7	7.9	8.2	6.4	8.9	8.0	6.0	8.3	6.0	6.3	9.0	7.2	7.2	8.8	7.8	7.8	7.5
VERNON (MB 83-93)	6.3	8.1	7.3	6.9	8.7	8.0	6.0	8.2	5.7	6.3	8.3	6.9	7.5	8.7	7.8	8.0	7.4
PAMELA	4.7	8.2	7.5	6.9	8.8	8.0	6.0	8.2	6.7	5.6	8.7	7.6	6.8	8.8	7.8	7.9	7.4
SPARTAN	5.3	8.1	6.8	6.7	8.8	8.0	6.0	8.0	7.0	6.6	8.3	7.0	6.8	8.8	7.7	7.9	7.4
LSD VALUE	2.4	1.0	1.5	1.0	0.4	0.4	0.1	0.7	1.3	1.3	0.4	1.9	1.3	0.4	0.6	0.2	0.2
C.V. (%)	24.1	13.5	18.1	15.8	5.1	2.7	1.8	7.7	15.9	21.1	4.2	23.9	15.4	4.8	8.6	3.9	12.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 12A.

SEEDLING VIGOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

NAME	IL1	IL2	IL3	LA1	MD1	ME1	MO1	NJ1	OK1	PA1	RI1	UB1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
CASCADE	8.3	7.3	8.3	7.7	2.7	7.7	8.0	7.3	7.7	5.0	4.7	5.0	7.0	8.3	8.7	4.3	8.7	8.7	7.0
TREAZURE (ZPS-MG)	7.7	7.0	7.7	7.0	2.7	6.7	7.7	7.3	7.7	5.7	6.7	5.3	7.0	6.7	6.7	6.0	8.3	8.3	6.8
JAMESTOWN II	8.0	5.7	7.3	8.0	3.3	6.7	9.0	7.3	7.7	5.7	5.0	6.0	7.3	5.3	5.3	5.7	8.7	8.7	6.7
SR 5100	7.0	5.3	7.0	7.0	3.0	6.7	8.3	8.3	7.3	4.3	6.0	5.7	7.0	7.3	7.3	5.7	8.3	8.3	6.7
JAMESTOWN	7.3	7.3	7.7	7.7	2.3	6.7	8.7	7.0	8.0	5.3	4.7	6.0	6.3	5.7	5.7	6.3	8.3	8.3	6.7
DAWSON	7.0	5.7	7.3	7.0	2.3	6.7	9.0	7.0	7.7	5.0	4.0	5.7	7.0	7.7	7.7	5.7	8.7	8.7	6.6
FLYER	6.3	6.3	7.7	5.3	2.7	8.0	8.3	7.3	7.7	6.7	4.0	5.7	7.7	5.3	5.3	4.3	8.0	8.0	6.4
ARUBA	6.3	6.3	6.3	6.3	3.0	7.7	7.0	6.3	8.0	5.7	4.3	6.0	7.7	6.7	6.7	4.3	8.0	8.0	6.4
COMMON CREEPING	6.3	6.7	6.3	7.7	3.0	7.0	8.7	6.7	8.0	6.0	3.7	5.3	7.0	6.0	6.0	4.3	8.3	8.3	6.4
BAR UR 204	6.7	7.0	8.0	7.0	2.3	7.0	9.0	5.7	8.0	7.0	3.3	5.7	6.3	6.0	6.0	3.3	8.3	8.3	6.2
BANNER II	7.0	6.7	6.7	7.3	2.7	6.7	8.0	6.7	7.7	5.7	4.7	5.3	6.7	3.0	3.0	6.3	8.3	8.3	6.2
NORDIC	6.3	7.0	6.7	7.0	3.0	6.7	7.7	3.7	7.7	4.7	5.3	5.0	5.3	6.3	6.3	5.0	8.7	8.7	6.2
VICTORY (E)	6.7	7.0	6.3	7.0	2.7	7.0	8.0	7.0	7.7	5.0	6.0	4.7	6.3	3.7	3.7	6.0	7.7	7.7	6.1
SEABREEZE	6.3	4.7	7.3	5.3	2.3	7.7	7.3	6.7	8.0	4.7	4.7	4.3	6.7	6.7	6.7	5.7	8.3	8.3	6.1
FLORENTINE (PST-4VB ENDO.)	4.0	5.7	7.7	6.0	2.3	7.0	8.7	7.3	7.7	4.7	5.3	4.7	6.0	4.7	5.3	6.0	7.3	7.3	6.1
WX3-FF54	6.0	6.7	6.3	6.7	2.3	6.0	7.7	6.7	7.7	5.0	5.3	5.0	7.0	3.3	3.3	6.3	8.7	8.7	6.1
ECOSTAR	7.3	6.0	6.3	6.0	2.7	5.7	7.3	4.3	7.3	4.7	5.0	5.3	6.7	6.7	6.7	4.7	8.3	8.3	6.0
JASPER (E)	5.7	6.0	5.0	6.0	2.7	6.7	8.0	7.0	8.0	5.7	5.7	5.0	7.3	3.7	3.7	5.7	8.7	8.7	6.0
VICTORY II (PICK 4-91W)	5.3	5.7	8.0	7.0	2.7	6.7	7.7	7.3	8.0	5.3	5.7	4.7	6.7	3.3	3.3	6.0	7.7	7.7	6.0
WX3-FFG6	4.7	7.3	6.7	3.7	3.0	7.0	7.7	7.3	7.0	6.0	5.3	5.0	6.7	4.0	4.0	6.0	7.7	7.7	6.0
BRIDGEPORT	5.0	7.7	6.3	7.0	2.0	7.0	8.3	7.7	7.7	5.0	5.3	4.7	6.7	3.3	3.3	6.0	8.7	8.7	6.0
SANDPIPER (PRO 92/20)	6.7	6.3	6.0	7.3	2.7	6.7	7.7	7.3	7.7	3.3	6.0	4.7	6.3	3.0	3.0	6.0	8.7	8.7	6.0
NJ F-93	5.7	7.3	7.0	7.3	2.3	6.0	7.0	8.0	7.3	4.0	5.3	4.7	6.7	2.7	2.7	7.0	8.3	8.3	6.0
TMI-3CE	5.7	5.7	5.7	7.3	2.3	6.7	7.7	7.0	8.0	4.7	5.0	5.7	7.0	3.7	3.7	5.3	8.0	8.0	5.9
TIFFANY	5.3	6.3	7.0	7.0	3.0	6.7	7.7	6.0	8.0	4.3	6.3	4.7	6.7	2.0	2.0	6.3	8.7	8.7	5.9
BRITTANY	4.7	7.0	6.0	7.7	2.3	6.3	7.3	7.7	7.7	4.7	5.3	4.7	7.0	2.3	2.3	6.0	8.0	8.0	5.9
K-2 (MB 65-93)	5.0	7.0	7.0	7.0	2.3	6.0	7.3	7.7	7.7	3.7	4.7	4.0	6.3	3.3	3.3	7.0	8.3	8.3	5.8
MOLINDA	4.0	6.7	4.7	6.3	1.3	6.0	7.3	6.7	8.0	5.0	5.0	5.0	6.3	5.7	5.7	4.7	8.0	8.0	5.8
SPARTAN	5.0	5.3	4.7	6.0	2.0	6.7	7.3	4.7	8.0	5.3	5.0	5.0	5.0	6.7	6.7	5.7	7.3	7.3	5.8
ISI-FC-62	4.3	6.0	6.0	5.3	2.7	6.3	8.0	7.7	7.7	4.0	5.3	5.0	7.0	3.7	3.7	7.0	8.3	8.3	5.8
BAR FRR 4ZBD	5.3	5.7	6.7	7.0	2.3	7.3	7.3	6.3	7.7	5.3	4.0	4.7	7.0	3.7	3.7	5.0	8.0	8.0	5.8
FLYER II (ZPS-4BN)	6.0	5.7	6.7	4.7	2.7	7.3	8.0	6.7	7.3	5.7	4.7	4.7	7.0	3.7	3.7	5.3	7.3	7.3	5.7
CULUMBRA (MB 64-93)	5.0	5.7	6.7	6.3	2.0	6.0	7.7	7.7	7.3	3.7	6.0	5.0	6.0	2.3	2.3	6.7	8.0	8.0	5.7
ECO (MB 63-93)	3.0	6.7	8.3	7.0	2.3	5.3	6.7	7.3	7.0	4.3	5.7	4.7	6.0	3.0	3.0	6.0	7.7	7.7	5.7
QUATRO (FO 143)	4.3	4.7	5.7	5.7	2.0	6.3	7.3	4.7	8.0	3.3	4.7	7.0	6.0	5.0	5.0	5.3	8.3	8.3	5.7
RONDO	5.0	7.0	5.0	6.0	2.3	7.0	8.0	7.0	8.0	4.3	4.3	5.0	6.7	3.7	3.7	5.7	8.0	8.0	5.7
BANNER III (MB 61-93)	5.3	6.7	7.7	6.3	2.7	5.3	8.0	7.3	7.0	3.7	5.7	5.0	6.3	2.3	2.3	5.7	7.3	7.3	5.7
SHADOW (E)	2.7	6.7	7.3	6.7	2.7	6.0	7.3	6.3	8.0	4.3	6.0	4.7	5.0	3.0	3.0	5.0	8.0	8.0	5.6
SHADOW II (PST-44D)	4.7	6.0	5.7	5.7	2.0	6.3	8.0	6.3	7.7	5.3	5.0	4.0	6.7	3.0	3.0	6.0	8.3	8.3	5.6
SILVERLAWN (WVPB-STCR-101)	5.0	6.3	8.0	6.3	2.3	7.3	7.7	6.7	7.3	4.0	5.3	3.3	6.3	3.0	3.0	6.0	8.0	8.0	5.6
MEDINA	3.0	5.7	5.7	6.7	2.7	6.3	7.7	6.3	7.7	5.7	5.3	5.0	5.3	2.7	2.7	6.0	8.0	8.0	5.5
OSPREY (PRO 92/24)	5.0	5.0	5.3	5.7	2.7	6.0	7.7	3.3	7.7	3.7	5.0	4.7	6.7	4.7	4.7	5.0	8.3	8.3	5.5
DARWIN	3.7	6.0	7.0	6.0	2.3	5.3	7.0	6.0	7.0	5.3	5.0	4.3	5.0	4.0	4.0	7.0	7.0	7.0	5.5
PST-4ST	4.3	6.7	6.3	4.7	2.7	6.3	7.3	6.7	7.0	4.0	4.0	4.3	7.7	2.7	2.7	6.0	7.3	7.3	5.4
SHADEMASTER II	3.7	6.0	5.3	5.3	2.7	6.3	7.7	4.7	7.0	5.0	4.7	5.0	6.3	3.3	3.3	5.3	7.0	7.0	5.4
SR 3100	4.3	4.3	5.0	6.7	2.3	6.3	7.3	3.0	7.0	3.3	5.7	5.3	6.0	4.7	4.7	5.3	6.0	6.0	5.4
MB 66-93	3.7	6.0	7.3	5.0	2.3	6.3	7.0	6.7	7.0	3.7	4.3	4.0	6.0	2.7	2.7	5.7	7.0	7.0	5.3

TABLE 12A. (CONT'D)

SEEDLING VIGOR RATINGS OF FINELEAF FESCUE CULTIVARS
1994-97 DATA
SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR

NAME	IL1	IL2	IL3	LA1	MD1	ME1	MO1	NJ1	OK1	PA1	RI1	UB1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
PST-4DT	4.0	6.0	6.0	3.7	1.7	6.7	7.3	6.0	7.0	5.0	5.0	4.0	6.7	2.7	2.7	5.7	7.0	7.0	5.2
MB 82-93	3.3	7.3	4.0	5.7	2.7	6.0	8.0	4.7	7.0	3.3	4.7	4.7	5.7	2.7	2.7	6.3	7.7	7.7	5.2
VERNON (MB 83-93)	3.7	5.3	4.7	5.7	2.3	6.3	8.3	4.0	7.0	3.0	4.0	3.7	5.0	4.7	4.7	5.0	7.3	7.3	5.2
AURORA W/ENDO.	3.3	6.0	5.3	4.3	1.3	6.7	8.0	3.7	7.3	3.7	4.3	4.7	4.3	4.0	4.0	5.0	8.3	8.3	5.0
DISCOVERY	2.3	5.7	4.7	6.3	2.3	6.0	8.3	3.3	6.3	2.7	5.7	3.7	4.7	3.7	3.7	5.0	7.0	7.0	4.9
PAMELA	4.3	5.0	4.0	6.0	2.0	6.7	7.7	3.3	7.0	3.3	3.3	3.3	4.7	4.3	4.3	5.0	8.7	8.7	4.9
BRIGADE	2.3	4.7	4.7	4.3	2.0	6.3	7.3	3.7	7.0	4.3	5.0	3.7	4.3	3.0	3.0	5.3	8.7	8.7	4.8
DEFIANT (MB 81-93)	2.3	5.3	6.3	4.7	2.0	5.3	7.0	3.7	6.3	3.7	5.3	3.3	4.3	3.7	3.7	4.3	7.3	7.3	4.8
CAS-FR13	3.7	5.7	5.0	4.7	2.0	6.0	7.3	6.7	7.3	3.0	3.7	3.7	5.7	2.3	2.3	4.0	7.3	7.3	4.6
SCALDIS	1.7	5.7	4.7	6.3	2.0	6.0	7.0	4.0	6.7	3.7	4.3	3.7	3.0	3.0	3.0	5.0	8.0	8.0	4.6
RELIANT II	1.7	5.3	3.3	3.7	1.7	5.3	8.0	3.0	6.3	2.3	5.7	3.3	3.3	2.7	2.7	5.7	6.0	6.0	4.3
67135	1.0	7.3	3.7	4.7	1.0	6.3	7.0	2.0	6.7	3.3	2.3	2.7	2.3	2.7	2.7	2.3	4.3	4.3	3.5
LSD VALUE	1.9	1.9	2.4	2.7	0.9	1.4	1.3	1.2	0.8	1.9	2.1	1.0	1.3	1.4	1.3	1.4	1.4	1.4	0.4
C.V. (%)	24.5	19.1	24.3	26.9	23.2	13.7	10.1	12.7	6.5	26.0	26.4	12.5	12.8	20.9	20.0	15.6	11.3	11.3	19.1

TABLE 12B.

SEEDLING VIGOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

NAME	IL1	IL2	IL3	LA1	MD1	ME1	MO1	NJ1	OK1	PA1	RI1	UB1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
DAWSON	7.0	5.7	7.3	7.0	2.3	6.7	9.0	7.0	7.7	5.0	4.0	5.7	7.0	7.7	7.7	5.7	8.7	8.7	6.6
SEABREEZE	6.3	4.7	7.3	5.3	2.3	7.7	7.3	6.7	8.0	4.7	4.7	4.3	6.7	6.7	6.7	5.7	8.3	8.3	6.1
LSD VALUE	1.7	0.9	1.5	2.1	0.9	1.5	0.7	1.7	0.7	1.7	1.7	1.5	0.7	1.5	1.5	0.9	0.9	0.9	0.4
C.V. (%)	16.2	11.2	12.4	20.9	24.7	12.7	5.0	15.8	5.2	22.3	24.9	18.3	6.0	12.7	12.7	10.2	6.8	6.8	15.6

TABLE 12C.

SEEDLING VIGOR RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA
SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

NAME	IL1	IL2	IL3	LA1	MD1	ME1	MO1	NJ1	OK1	PA1	RI1	UB1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
QUATRO (FO 143)	4.3	4.7	5.7	5.7	2	6.3	7.3	4.7	8.0	3.3	4.7	7.0	6.0	5.0	5.0	5.3	8.3	8.3	5.7
67135	1.0	7.3	3.7	4.7	1	6.3	7.0	2.0	6.7	3.3	2.3	2.7	2.3	2.7	2.7	2.3	4.3	4.3	3.5
LSD VALUE	0.7	1.5	3.7	3.7	0	1.5	1.7	0.7	0.7	0.9	1.5	0.7	1.7	1.3	1.3	0.9	1.9	1.9	0.4
C.V. (%)	15.3	15.2	49.5	44.7	0	14.4	15.1	12.2	5.6	17.3	26.1	8.4	25.9	21.3	21.3	15.1	18.2	18.2	22.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 12D.

SEEDLING VIGOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA
SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

NAME	IL1	IL2	IL3	LA1	MD1	ME1	MO1	NJ1	OK1	PA1	RI1	UB1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
CASCADE	8.3	7.3	8.3	7.7	2.7	7.7	8.0	7.3	7.7	5.0	4.7	5.0	7.0	8.3	8.7	4.3	8.7	8.7	7.0
TREAZURE (ZPS-MG)	7.7	7.0	7.7	7.0	2.7	6.7	7.7	7.3	7.7	5.7	6.7	5.3	7.0	6.7	6.7	6.0	8.3	8.3	6.8
JAMESTOWN II	8.0	5.7	7.3	8.0	3.3	6.7	9.0	7.3	7.7	5.7	5.0	6.0	7.3	5.3	5.3	5.7	8.7	8.7	6.7
SR 5100	7.0	5.3	7.0	7.0	3.0	6.7	8.3	8.3	7.3	4.3	6.0	5.7	7.0	7.3	7.3	5.7	8.3	8.3	6.7
JAMESTOWN	7.3	7.3	7.7	7.7	2.3	6.7	8.7	7.0	8.0	5.3	4.7	6.0	6.3	5.7	5.7	6.3	8.3	8.3	6.7
BANNER II	7.0	6.7	6.7	7.3	2.7	6.7	8.0	6.7	7.7	5.7	4.7	5.3	6.7	3.0	3.0	6.3	8.3	8.3	6.2
VICTORY (E)	6.7	7.0	6.3	7.0	2.7	7.0	8.0	7.0	7.7	5.0	6.0	4.7	6.3	3.7	3.7	6.0	7.7	7.7	6.1
WX3-FF54	6.0	6.7	6.3	6.7	2.3	6.0	7.7	6.7	7.7	5.0	5.3	5.0	7.0	3.3	3.3	6.3	8.7	8.7	6.1
VICTORY II (PICK 4-91W)	5.3	5.7	8.0	7.0	2.7	6.7	7.7	7.3	8.0	5.3	5.7	4.7	6.7	3.3	3.3	6.0	7.7	7.7	6.0
BRIDGEPORT	5.0	7.7	6.3	7.0	2.0	7.0	8.3	7.7	7.7	5.0	5.3	4.7	6.7	3.3	3.3	6.0	8.7	8.7	6.0
SANDPIPER (PRO 92/20)	6.7	6.3	6.0	7.3	2.7	6.7	7.7	7.3	7.7	3.3	6.0	4.7	6.3	3.0	3.0	6.0	8.7	8.7	6.0
NJ F-93	5.7	7.3	7.0	7.3	2.3	6.0	7.0	8.0	7.3	4.0	5.3	4.7	6.7	2.7	2.7	7.0	8.3	8.3	6.0
TMI-3CE	5.7	5.7	5.7	7.3	2.3	6.7	7.7	7.0	8.0	4.7	5.0	5.7	7.0	3.7	3.7	5.3	8.0	8.0	5.9
TIFFANY	5.3	6.3	7.0	7.0	3.0	6.7	7.7	6.0	8.0	4.3	6.3	4.7	6.7	2.0	2.0	6.3	8.7	8.7	5.9
BRITTANY	4.7	7.0	6.0	7.7	2.3	6.3	7.3	7.7	7.7	4.7	5.3	4.7	7.0	2.3	2.3	6.0	8.0	8.0	5.9
K-2 (MB 65-93)	5.0	7.0	7.0	7.0	2.3	6.0	7.3	7.7	7.7	3.7	4.7	4.0	6.3	3.3	3.3	7.0	8.3	8.3	5.8
MOLINDA	4.0	6.7	4.7	6.3	1.3	6.0	7.3	6.7	8.0	5.0	5.0	5.0	6.3	5.7	5.7	4.7	8.0	8.0	5.8
ISI-FC-62	4.3	6.0	6.0	5.3	2.7	6.3	8.0	7.7	7.7	4.0	5.3	5.0	7.0	3.7	3.7	7.0	8.3	8.3	5.8
CULUMBRA (MB 64-93)	5.0	5.7	6.7	6.3	2.0	6.0	7.7	7.7	7.3	3.7	6.0	5.0	6.0	2.3	2.3	6.7	8.0	8.0	5.7
ECO (MB 63-93)	3.0	6.7	8.3	7.0	2.3	5.3	6.7	7.3	7.0	4.3	5.7	4.7	6.0	3.0	3.0	6.0	7.7	7.7	5.7
BANNER III (MB 61-93)	5.3	6.7	7.7	6.3	2.7	5.3	8.0	7.3	7.0	3.7	5.7	5.0	6.3	2.3	2.3	5.7	7.3	7.3	5.7
SHADOW (E)	2.7	6.7	7.3	6.7	2.7	6.0	7.3	6.3	8.0	4.3	6.0	4.7	5.0	3.0	3.0	5.0	8.0	8.0	5.6
SHADOW II (PST-44D)	4.7	6.0	5.7	5.7	2.0	6.3	8.0	6.3	7.7	5.3	5.0	4.0	6.7	3.0	3.0	6.0	8.3	8.3	5.6
MEDINA	3.0	5.7	5.7	6.7	2.7	6.3	7.7	6.3	7.7	5.7	5.3	5.0	5.3	2.7	2.7	6.0	8.0	8.0	5.5
DARWIN	3.7	6.0	7.0	6.0	2.3	5.3	7.0	6.0	7.0	5.3	5.0	4.3	5.0	4.0	4.0	7.0	7.0	7.0	5.5
MB 66-93	3.7	6.0	7.3	5.0	2.3	6.3	7.0	6.7	7.0	3.7	4.3	4.0	6.0	2.7	2.7	5.7	7.0	7.0	5.3
LSD VALUE	2.2	1.5	2.7	2.1	0.8	1.1	1.3	1.0	0.8	1.9	2.0	0.9	1.1	1.4	1.4	1.3	1.2	1.2	0.4
C.V. (%)	24.9	14.9	24.4	19.1	21.0	10.7	10.3	8.6	6.5	25.6	23.4	11.1	10.8	22.6	21.9	13.5	9.4	9.4	17.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 12E.

SEEDLING VIGOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

NAME	IL1	IL2	IL3	LA1	MD1	ME1	MO1	NJ1	OK1	PA1	RI1	UB1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
FLYER	6.3	6.3	7.7	5.3	2.7	8.0	8.3	7.3	7.7	6.7	4.0	5.7	7.7	5.3	5.3	4.3	8.0	8.0	6.4
ARUBA	6.3	6.3	6.3	6.3	3.0	7.7	7.0	6.3	8.0	5.7	4.3	6.0	7.7	6.7	6.7	4.3	8.0	8.0	6.4
COMMON CREEPING	6.3	6.7	6.3	7.7	3.0	7.0	8.7	6.7	8.0	6.0	3.7	5.3	7.0	6.0	6.0	4.3	8.3	8.3	6.4
BAR UR 204	6.7	7.0	8.0	7.0	2.3	7.0	9.0	5.7	8.0	7.0	3.3	5.7	6.3	6.0	6.0	3.3	8.3	8.3	6.2
FLORENTINE (PST-4VB ENDO.)	4.0	5.7	7.7	6.0	2.3	7.0	8.7	7.3	7.7	4.7	5.3	4.7	6.0	4.7	5.3	6.0	7.3	7.3	6.1
JASPER (E)	5.7	6.0	5.0	6.0	2.7	6.7	8.0	7.0	8.0	5.7	5.7	5.0	7.3	3.7	3.7	5.7	8.7	8.7	6.0
WX3-FFG6	4.7	7.3	6.7	3.7	3.0	7.0	7.7	7.3	7.0	6.0	5.3	5.0	6.7	4.0	4.0	6.0	7.7	7.7	6.0
BAR FRR 4ZBD	5.3	5.7	6.7	7.0	2.3	7.3	7.3	6.3	7.7	5.3	4.0	4.7	7.0	3.7	3.7	5.0	8.0	8.0	5.8
FLYER II (ZPS-4BN)	6.0	5.7	6.7	4.7	2.7	7.3	8.0	6.7	7.3	5.7	4.7	4.7	7.0	3.7	3.7	5.3	7.3	7.3	5.7
RONDO	5.0	7.0	5.0	6.0	2.3	7.0	8.0	7.0	8.0	4.3	4.3	5.0	6.7	3.7	3.7	5.7	8.0	8.0	5.7
SILVERLAWN (WVPB-STCR-101)	5.0	6.3	8.0	6.3	2.3	7.3	7.7	6.7	7.3	4.0	5.3	3.3	6.3	3.0	3.0	6.0	8.0	8.0	5.6
PST-4ST	4.3	6.7	6.3	4.7	2.7	6.3	7.3	6.7	7.0	4.0	4.0	4.3	7.7	2.7	2.7	6.0	7.3	7.3	5.4
SHADEMASTER II	3.7	6.0	5.3	5.3	2.7	6.3	7.7	4.7	7.0	5.0	4.7	5.0	6.3	3.3	3.3	5.3	7.0	7.0	5.4
PST-4DT	4.0	6.0	6.0	3.7	1.7	6.7	7.3	6.0	7.0	5.0	5.0	4.0	6.7	2.7	2.7	5.7	7.0	7.0	5.2
CAS-FR13	3.7	5.7	5.0	4.7	2.0	6.0	7.3	6.7	7.3	3.0	3.7	3.7	5.7	2.3	2.3	4.0	7.3	7.3	4.6
LSD VALUE	1.7	1.5	2.2	3.3	1.0	1.2	1.2	1.6	0.8	2.0	2.1	0.9	1.1	1.4	1.3	1.4	1.1	1.1	0.4
C.V. (%)	20.3	15.0	21.2	36.8	24.5	10.9	9.5	15.3	6.9	24.5	29.7	12.0	10.5	21.6	19.4	16.7	8.6	8.6	19.4

TABLE 12F.

SEEDLING VIGOR RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/

NAME	IL1	IL2	IL3	LA1	MD1	ME1	MO1	NJ1	OK1	PA1	RI1	UB1	WA1	WA3	WA4	WA5	WI1	WI1	MEAN
NORDIC	6.3	7.0	6.7	7.0	3.0	6.7	7.7	3.7	7.7	4.7	5.3	5.0	5.3	6.3	6.3	5.0	8.7	8.7	6.2
ECOSTAR	7.3	6.0	6.3	6.0	2.7	5.7	7.3	4.3	7.3	4.7	5.0	5.3	6.7	6.7	6.7	4.7	8.3	8.3	6.0
SPARTAN	5.0	5.3	4.7	6.0	2.0	6.7	7.3	4.7	8.0	5.3	5.0	5.0	5.0	6.7	6.7	5.7	7.3	7.3	5.8
OSPREY (PRO 92/24)	5.0	5.0	5.3	5.7	2.7	6.0	7.7	3.3	7.7	3.7	5.0	4.7	6.7	4.7	4.7	5.0	8.3	8.3	5.5
SR 3100	4.3	4.3	5.0	6.7	2.3	6.3	7.3	3.0	7.0	3.3	5.7	5.3	6.0	4.7	4.7	5.3	6.0	6.0	5.4
MB 82-93	3.3	7.3	4.0	5.7	2.7	6.0	8.0	4.7	7.0	3.3	4.7	4.7	5.7	2.7	2.7	6.3	7.7	7.7	5.2
VERNON (MB 83-93)	3.7	5.3	4.7	5.7	2.3	6.3	8.3	4.0	7.0	3.0	4.0	3.7	5.0	4.7	4.7	5.0	7.3	7.3	5.2
AURORA W/ENDO.	3.3	6.0	5.3	4.3	1.3	6.7	8.0	3.7	7.3	3.7	4.3	4.7	4.3	4.0	4.0	5.0	8.3	8.3	5.0
DISCOVERY	2.3	5.7	4.7	6.3	2.3	6.0	8.3	3.3	6.3	2.7	5.7	3.7	4.7	3.7	3.7	5.0	7.0	7.0	4.9
PAMELA	4.3	5.0	4.0	6.0	2.0	6.7	7.7	3.3	7.0	3.3	3.3	3.3	4.7	4.3	4.3	5.0	8.7	8.7	4.9
BRIGADE	2.3	4.7	4.7	4.3	2.0	6.3	7.3	3.7	7.0	4.3	5.0	3.7	4.3	3.0	3.0	5.3	8.7	8.7	4.8
DEFIANT (MB 81-93)	2.3	5.3	6.3	4.7	2.0	5.3	7.0	3.7	6.3	3.7	5.3	3.3	4.3	3.7	3.7	4.3	7.3	7.3	4.8
SCALDIS	1.7	5.7	4.7	6.3	2.0	6.0	7.0	4.0	6.7	3.7	4.3	3.7	3.0	3.0	3.0	5.0	8.0	8.0	4.6
RELIANT II	1.7	5.3	3.3	3.7	1.7	5.3	8.0	3.0	6.3	2.3	5.7	3.3	3.3	2.7	2.7	5.7	6.0	6.0	4.3
LSD VALUE	1.9	2.8	2.0	2.7	0.9	2.0	1.3	1.2	0.7	1.8	2.3	1.1	1.6	1.3	1.3	1.6	2.0	2.0	0.5
C.V. (%)	30.8	31.1	25.6	30.0	26.1	20.6	10.5	19.4	6.2	30.2	29.0	15.4	19.8	19.2	19.2	19.6	16.1	16.1	23.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 13A.

SPRING DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL3	LA1	MO1	NJ2	OK1	PA1	WA3	WA4	WA5	MEAN
NJ F-93	3.8	2.5	4.7	8.7	6.3	7.0	7.1	6.9	7.3	7.3	6.7	6.2
SHADOW II (PST-44D)	4.2	2.2	5.3	8.3	7.3	6.7	7.1	7.2	7.0	7.0	6.0	6.2
BRIDGEPORT	4.7	3.3	2.3	8.7	7.7	5.3	6.9	7.3	7.0	7.0	7.0	6.1
TIFFANY	4.2	2.2	3.7	8.3	7.3	7.0	7.0	6.7	6.7	6.7	6.7	6.0
VICTORY (E)	4.3	2.7	4.3	8.7	7.0	4.3	6.9	6.8	6.3	6.3	7.7	5.9
SR 5100	4.3	3.3	4.0	8.3	6.7	5.7	6.9	6.6	6.7	6.7	5.3	5.9
SHADOW (E)	3.7	1.8	5.3	8.7	7.3	5.0	6.8	6.3	6.0	6.0	7.0	5.8
SANDPIPER (PRO 92/20)	4.3	2.7	3.3	8.7	6.7	3.7	6.9	6.9	6.7	6.7	6.7	5.7
TMI-3CE	4.2	2.2	3.0	8.3	6.7	4.0	7.1	6.3	7.0	7.0	6.7	5.7
TREASURE (ZPS-MG)	4.3	1.7	1.7	8.7	6.3	5.7	7.1	7.0	6.7	6.7	6.7	5.7
DISCOVERY	4.7	2.0	5.0	8.3	6.0	7.3	6.5	7.1	6.7	6.7	2.0	5.7
OSFREY (PRO 92/24)	4.8	2.0	3.0	8.0	4.3	6.0	6.6	6.8	7.7	7.7	5.3	5.7
VICTORY II (PICK 4-91W)	4.7	2.2	3.3	8.7	7.0	6.0	7.2	7.0	5.3	5.3	5.3	5.6
JAMESTOWN	3.7	1.8	3.3	9.0	6.3	3.7	6.2	6.6	7.0	7.0	7.3	5.6
BRITTANY	4.5	2.7	3.3	8.7	6.0	6.0	7.2	6.7	5.3	5.3	5.0	5.5
CULUMBRA (MB 64-93)	3.7	2.2	4.0	9.0	6.0	3.7	6.9	6.8	6.3	6.3	5.7	5.5
K-2 (MB 65-93)	3.8	2.0	3.0	8.3	7.0	3.3	6.3	6.3	7.0	6.7	6.7	5.5
JAMESTOWN II	3.7	1.8	1.7	8.7	6.3	4.7	6.9	7.0	6.3	6.3	7.0	5.5
BANNER III (MB 61-93)	4.2	2.7	3.7	8.7	6.3	5.0	6.9	6.9	5.3	5.3	5.3	5.5
MEDINA	3.3	1.2	2.0	8.7	7.0	3.0	7.2	6.8	6.7	6.7	7.7	5.5
ECOSTAR	4.5	1.5	2.7	8.7	7.0	6.0	6.3	6.4	7.0	7.0	3.0	5.5
SPARTAN	4.7	2.3	3.3	7.7	5.3	5.3	6.2	6.9	7.0	7.0	4.0	5.4
SCALDIS	3.3	1.5	4.0	8.0	5.7	5.3	6.2	6.7	6.7	6.7	5.7	5.4
NORDIC	4.2	1.7	2.0	8.3	5.7	6.3	5.8	7.3	6.7	6.7	4.7	5.4
WX3-FFG6	3.8	2.2	3.0	7.3	6.7	5.3	6.9	6.8	5.0	5.0	7.0	5.4
JASPER (E)	3.7	1.2	2.0	8.7	7.3	6.3	6.9	5.7	5.3	5.3	6.3	5.3
BANNER II	4.0	2.0	3.0	9.0	7.0	4.3	6.4	6.1	5.0	5.0	6.7	5.3
ECO (MB 63-93)	4.3	2.5	3.3	8.7	5.0	3.7	6.7	6.4	5.7	5.7	6.3	5.3
FLORENTINE (PST-4VB ENDO.)	3.2	1.0	2.3	8.0	6.0	6.3	6.9	6.1	6.7	6.7	5.0	5.3
SR 3100	5.2	1.8	4.0	7.3	5.3	7.0	6.0	7.1	6.3	6.3	1.7	5.3
VERNON (MB 83-93)	4.2	1.5	4.3	7.7	5.3	5.3	5.6	6.7	6.7	6.7	4.0	5.3
QUATRO (FO 143)	4.0	1.2	3.0	8.0	5.0	4.3	6.4	6.6	7.7	7.7	4.0	5.3
MB 82-93	3.7	1.8	3.3	7.3	6.0	5.0	6.1	6.4	7.0	7.0	4.0	5.2
MB 66-93	3.3	1.3	5.7	8.0	5.7	2.0	6.2	6.1	6.0	6.0	7.3	5.2
ISI-FC-62	3.7	2.5	2.0	6.3	6.0	3.7	6.6	6.3	6.7	6.7	7.0	5.2
SHADEMASTER II	2.3	1.0	4.3	8.3	6.7	6.0	7.2	5.7	5.7	5.7	4.3	5.2
WX3-FF54	4.0	2.3	1.7	8.3	6.3	3.7	6.6	6.2	6.3	6.3	5.3	5.2
AURORA W/ENDO.	5.0	1.7	2.7	7.0	5.7	4.7	6.3	6.4	6.7	6.7	4.0	5.2
DARWIN	3.4	1.7	1.7	8.0	4.7	2.7	6.2	6.7	8.3	8.3	5.0	5.1
FLYER II (ZPS-4BN)	3.8	1.0	3.0	8.0	6.3	5.3	7.1	5.1	6.0	5.3	5.3	5.1
RELIANT II	4.0	1.7	3.3	7.3	5.0	6.3	6.6	6.7	6.0	6.0	3.0	5.1
DEFIANT (MB 81-93)	4.3	1.7	4.0	7.7	5.0	5.7	5.1	6.1	7.0	7.0	2.3	5.1
BRIGADE	3.3	2.2	3.7	7.3	6.3	4.3	5.3	5.9	7.0	7.0	3.3	5.1
SEABREEZE	2.3	1.2	1.3	8.3	6.3	5.0	6.9	6.2	6.3	6.3	5.3	5.1
PST-4ST	3.0	1.0	4.3	8.0	6.7	6.3	7.0	5.8	4.3	4.3	4.7	5.0
RONDO	2.7	1.0	1.3	8.7	7.0	3.3	6.9	5.3	6.0	6.0	7.0	5.0
DAWSON	3.3	1.0	3.0	9.0	6.7	3.7	7.3	4.9	4.3	4.3	6.3	4.9

TABLE 13A. (CONT'D)

 SPRING DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS
 1994-97 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	GA1	GA2	IL3	LA1	MO1	NJ2	OK1	PA1	WA3	WA4	WA5	MEAN
PST-4DT	2.8	1.0	3.0	7.0	6.7	6.0	6.9	5.8	4.7	4.7	5.3	4.9
MOLINDA	3.7	1.8	2.3	8.7	5.7	3.3	7.2	5.2	4.0	4.0	7.7	4.9
COMMON CREEPING	2.0	1.0	4.0	9.0	7.0	4.0	6.6	4.8	4.7	5.0	4.7	4.8
FLYER	2.5	1.0	4.3	8.3	7.0	5.0	6.7	5.7	3.3	3.3	5.3	4.8
PAMELA	3.8	1.2	1.3	7.7	6.7	3.7	6.4	6.2	6.0	6.0	3.0	4.7
CAS-FR13	3.2	1.0	3.3	8.0	5.0	4.7	6.7	5.1	4.0	4.0	5.3	4.6
SILVERLAWN (WVPB-STCR-101)	2.3	1.0	2.3	9.0	5.3	3.7	6.8	4.7	4.3	4.3	6.3	4.6
BAR UR 204	3.0	1.0	3.7	8.7	6.0	3.3	6.9	4.9	3.3	3.0	6.0	4.5
ARUBA	2.7	1.0	2.0	8.7	5.7	4.0	6.3	5.3	4.0	4.0	5.7	4.5
CASCADE	3.3	1.8	4.0	6.7	5.3	2.7	5.7	4.9	3.3	3.3	7.0	4.4
BAR FRR 4ZBD 67135	1.5	1.0	1.7	8.7	6.0	2.3	6.8	4.8	4.0	3.7	5.3	4.2
LSD VALUE	1.3	0.6	3.8	1.8	1.6	2.1	1.2	1.1	1.2	1.2	1.5	0.4
C.V. (%)	29.9	32.5	74.8	13.5	15.7	27.4	18.1	18.4	12.7	12.8	17.0	21.8

 TABLE 13B. SPRING DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
 1994-97 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL3	LA1	MO1	NJ2	OK1	PA1	WA3	WA4	WA5	MEAN
SEABREEZE	2.3	1.2	1.3	8.3	6.3	5.0	6.9	6.2	6.3	6.3	5.3	5.1
DAWSON	3.3	1.0	3.0	9.0	6.7	3.7	7.3	4.9	4.3	4.3	6.3	4.9
LSD VALUE	0.9	0.3	4.0	0.7	0.9	1.3	0.9	1.5	1.5	1.5	0.9	0.4
C.V. (%)	28.8	26.6	114.6	4.7	8.9	18.8	13.6	29.3	17.1	17.1	9.9	22.7

 TABLE 13C. SPRING DENSITY RATINGS OF SHEEP FESCUE CULTIVARS 1/
 1994-97 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL3	LA1	MO1	NJ2	OK1	PA1	WA3	WA4	WA5	MEAN
QUATRO (FO 143)	4.0	1.2	3.0	8.0	5.0	4.3	6.4	6.6	7.7	7.7	4.0	5.3
67135	1.8	1.0	2.0	8.0	3.7	3.7	5.1	3.0	2.7	2.7	2.0	3.2
LSD VALUE	1.5	0.3	3.2	2.3	2.4	2.7	1.6	1.4	1.9	1.9	1.6	0.5
C.V. (%)	44.5	26.6	80.0	17.7	34.0	42.1	27.4	31.5	22.3	22.3	33.3	32.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 13D.

SPRING DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL3	LA1	MO1	NJ2	OK1	PA1	WA3	WA4	WA5	MEAN
NJ F-93	3.8	2.5	4.7	8.7	6.3	7.0	7.1	6.9	7.3	7.3	6.7	6.2
SHADOW II (PST-44D)	4.2	2.2	5.3	8.3	7.3	6.7	7.1	7.2	7.0	7.0	6.0	6.2
BRIDGEPORT	4.7	3.3	2.3	8.7	7.7	5.3	6.9	7.3	7.0	7.0	7.0	6.1
TIFFANY	4.2	2.2	3.7	8.3	7.3	7.0	7.0	6.7	6.7	6.7	6.7	6.0
VICTORY (E)	4.3	2.7	4.3	8.7	7.0	4.3	6.9	6.8	6.3	6.3	7.7	5.9
SR 5100	4.3	3.3	4.0	8.3	6.7	5.7	6.9	6.6	6.7	6.7	5.3	5.9
SHADOW (E)	3.7	1.8	5.3	8.7	7.3	5.0	6.8	6.3	6.0	6.0	7.0	5.8
SANDPIPER (PRO 92/20)	4.3	2.7	3.3	8.7	6.7	3.7	6.9	6.9	6.7	6.7	6.7	5.7
TMI-3CE	4.2	2.2	3.0	8.3	6.7	4.0	7.1	6.3	7.0	7.0	6.7	5.7
TREAZURE (ZPS-MG)	4.3	1.7	1.7	8.7	6.3	5.7	7.1	7.0	6.7	6.7	6.7	5.7
VICTORY II (PICK 4-91W)	4.7	2.2	3.3	8.7	7.0	6.0	7.2	7.0	5.3	5.3	5.3	5.6
JAMESTOWN	3.7	1.8	3.3	9.0	6.3	3.7	6.2	6.6	7.0	7.0	7.3	5.6
BRITTANY	4.5	2.7	3.3	8.7	6.0	6.0	7.2	6.7	5.3	5.3	5.0	5.5
CULUMBRA (MB 64-93)	3.7	2.2	4.0	9.0	6.0	3.7	6.9	6.8	6.3	6.3	5.7	5.5
K-2 (MB 65-93)	3.8	2.0	3.0	8.3	7.0	3.3	6.3	6.3	7.0	6.7	6.7	5.5
JAMESTOWN II	3.7	1.8	1.7	8.7	6.3	4.7	6.9	7.0	6.3	6.3	7.0	5.5
BANNER III (MB 61-93)	4.2	2.7	3.7	8.7	6.3	5.0	6.9	6.9	5.3	5.3	5.3	5.5
MEDINA	3.3	1.2	2.0	8.7	7.0	3.0	7.2	6.8	6.7	6.7	7.7	5.5
BANNER II	4.0	2.0	3.0	9.0	7.0	4.3	6.4	6.1	5.0	5.0	6.7	5.3
ECO (MB 63-93)	4.3	2.5	3.3	8.7	5.0	3.7	6.7	6.4	5.7	5.7	6.3	5.3
MB 66-93	3.3	1.3	5.7	8.0	5.7	2.0	6.2	6.1	6.0	6.0	7.3	5.2
ISI-FC-62	3.7	2.5	2.0	6.3	6.0	3.7	6.6	6.3	6.7	6.7	7.0	5.2
WX3-FF54	4.0	2.3	1.7	8.3	6.3	3.7	6.6	6.2	6.3	6.3	5.3	5.2
DARWIN	3.4	1.7	1.7	8.0	4.7	2.7	6.2	6.7	8.3	8.3	5.0	5.1
MOLINDA	3.7	1.8	2.3	8.7	5.7	3.3	7.2	5.2	4.0	4.0	7.7	4.9
CASCADE	3.3	1.8	4.0	6.7	5.3	2.7	5.7	4.9	3.3	3.3	7.0	4.4
LSD VALUE	1.0	0.8	3.9	2.0	1.4	2.0	0.8	0.9	1.2	1.2	1.5	0.4
C.V. (%)	22.9	30.2	72.9	14.7	13.9	27.8	13.1	15.6	12.1	12.2	14.5	19.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 13E. SPRING DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL3	LA1	MO1	NJ2	OK1	PA1	WA3	WA4	WA5	MEAN
WX3-FFG6	3.8	2.2	3.0	7.3	6.7	5.3	6.9	6.8	5.0	5.0	7.0	5.4
JASPER (E)	3.7	1.2	2.0	8.7	7.3	6.3	6.9	5.7	5.3	5.3	6.3	5.3
FLORENTINE (PST-4VB ENDO.)	3.2	1.0	2.3	8.0	6.0	6.3	6.9	6.1	6.7	6.7	5.0	5.3
SHADEMASTER II	2.3	1.0	4.3	8.3	6.7	6.0	7.2	5.7	5.7	5.7	4.3	5.2
FLYER II (ZPS-4BN)	3.8	1.0	3.0	8.0	6.3	5.3	7.1	5.1	6.0	5.3	5.3	5.1
PST-4ST	3.0	1.0	4.3	8.0	6.7	6.3	7.0	5.8	4.3	4.3	4.7	5.0
RONDO	2.7	1.0	1.3	8.7	7.0	3.3	6.9	5.3	6.0	6.0	7.0	5.0
PST-4DT	2.8	1.0	3.0	7.0	6.7	6.0	6.9	5.8	4.7	4.7	5.3	4.9
COMMON CREEPING	2.0	1.0	4.0	9.0	7.0	4.0	6.6	4.8	4.7	5.0	4.7	4.8
FLYER	2.5	1.0	4.3	8.3	7.0	5.0	6.7	5.7	3.3	3.3	5.3	4.8
CAS-FR13	3.2	1.0	3.3	8.0	5.0	4.7	6.7	5.1	4.0	4.0	5.3	4.6
SILVERLAWN (WVPB-STCR-101)	2.3	1.0	2.3	9.0	5.3	3.7	6.8	4.7	4.3	4.3	6.3	4.6
BAR UR 204	3.0	1.0	3.7	8.7	6.0	3.3	6.9	4.9	3.3	3.0	6.0	4.5
ARUBA	2.7	1.0	2.0	8.7	5.7	4.0	6.3	5.3	4.0	4.0	5.7	4.5
BAR FRR 4ZBD	1.5	1.0	1.7	8.7	6.0	2.3	6.8	4.8	4.0	3.7	5.3	4.2
LSD VALUE	1.0	0.2	3.7	1.4	1.1	2.5	0.8	1.0	1.1	1.1	1.4	0.4
C.V. (%)	30.5	13.8	76.6	10.6	11.2	32.4	12.3	19.0	14.4	14.6	15.1	20.3

TABLE 13F. SPRING DENSITY RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL3	LA1	MO1	NJ2	OK1	PA1	WA3	WA4	WA5	MEAN
DISCOVERY	4.7	2.0	5.0	8.3	6.0	7.3	6.5	7.1	6.7	6.7	2.0	5.7
OSPREY (PRO 92/24)	4.8	2.0	3.0	8.0	4.3	6.0	6.6	6.8	7.7	7.7	5.3	5.7
ECOSTAR	4.5	1.5	2.7	8.7	7.0	6.0	6.3	6.4	7.0	7.0	3.0	5.5
SPARTAN	4.7	2.3	3.3	7.7	5.3	5.3	6.2	6.9	7.0	7.0	4.0	5.4
SCALDIS	3.3	1.5	4.0	8.0	5.7	5.3	6.2	6.7	6.7	6.7	5.7	5.4
NORDIC	4.2	1.7	2.0	8.3	5.7	6.3	5.8	7.3	6.7	6.7	4.7	5.4
SR 3100	5.2	1.8	4.0	7.3	5.3	7.0	6.0	7.1	6.3	6.3	1.7	5.3
VERNON (MB 83-93)	4.2	1.5	4.3	7.7	5.3	5.3	5.6	6.7	6.7	6.7	4.0	5.3
MB 82-93	3.7	1.8	3.3	7.3	6.0	5.0	6.1	6.4	7.0	7.0	4.0	5.2
AURORA W/ENDO.	5.0	1.7	2.7	7.0	5.7	4.7	6.3	6.4	6.7	6.7	4.0	5.2
RELIANT II	4.0	1.7	3.3	7.3	5.0	6.3	6.6	6.7	6.0	6.0	3.0	5.1
DEFIANT (MB 81-93)	4.3	1.7	4.0	7.7	5.0	5.7	5.1	6.1	7.0	7.0	2.3	5.1
BRIGADE	3.3	2.2	3.7	7.3	6.3	4.3	5.3	5.9	7.0	7.0	3.3	5.1
PAMELA	3.8	1.2	1.3	7.7	6.7	3.7	6.4	6.2	6.0	6.0	3.0	4.7
LSD VALUE	1.8	0.8	3.9	1.8	2.0	1.8	2.1	1.2	1.2	1.2	1.6	0.6
C.V. (%)	36.5	38.9	72.0	14.1	22.1	20.5	32.9	19.5	10.7	10.7	28.0	26.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 14A.

SUMMER DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL1	IL3	LA1	ME1	MO1	OK1	PA1	MEAN
SR 5100	4.5	3.0	5.7	5.0	2.7	7.0	7.0	7.1	7.3	5.5
DISCOVERY	4.7	1.7	5.0	6.3	1.3	8.7	6.7	5.9	8.7	5.4
SHADOW II (PST-44D)	4.5	1.7	6.0	5.0	1.0	8.0	7.3	6.8	8.3	5.4
BANNER III (MB 61-93)	4.3	2.0	5.3	4.0	1.3	8.3	7.3	6.8	7.3	5.2
BRITTANY	4.7	2.3	5.3	5.0	2.7	6.7	6.7	6.7	6.3	5.1
RELIANT II	4.3	1.3	6.3	4.0	1.3	8.3	7.0	4.8	8.3	5.1
SR 3100	5.2	1.3	4.7	4.7	1.3	7.7	7.3	5.0	8.7	5.1
OSPREY (PRO 92/24)	5.2	1.7	4.3	3.7	1.0	8.3	7.3	6.0	8.0	5.1
TIFFANY	4.2	2.0	6.0	4.0	1.3	7.3	7.3	5.9	7.3	5.0
SPARTAN	5.2	2.0	4.7	4.3	1.0	7.3	6.7	6.4	7.7	5.0
NJ F-93	3.8	1.7	5.7	5.7	1.7	7.0	6.3	6.6	6.7	5.0
MB 82-93	3.8	1.7	4.3	4.0	2.7	8.0	7.3	5.1	8.0	5.0
SHADOW (E)	4.0	1.3	5.0	5.7	1.7	6.3	7.3	6.2	7.0	5.0
VICTORY II (PICK 4-91W)	4.8	1.3	5.0	3.7	1.7	8.0	6.7	6.3	7.0	4.9
VICTORY (E)	4.2	2.3	4.3	4.3	2.3	6.7	6.7	6.4	7.0	4.9
TMI-3CE	4.2	2.3	4.7	4.3	2.0	7.0	6.7	6.8	6.0	4.9
ECOSTAR	4.5	1.3	5.7	3.0	1.0	7.7	7.0	5.8	8.0	4.9
BRIDGEPORT	5.0	2.7	5.3	1.7	1.0	6.3	7.3	7.0	7.3	4.9
CULUMBRA (MB 64-93)	3.7	1.7	5.3	4.7	2.0	6.7	6.7	6.4	6.3	4.8
ECO (MB 63-93)	4.2	1.7	5.0	3.7	1.3	7.7	6.7	6.9	6.3	4.8
SANDPIPER (PRO 92/20)	4.5	2.3	5.0	3.7	1.7	6.7	7.0	6.6	6.0	4.8
VERNON (MB 83-93)	4.7	1.0	5.0	4.3	1.0	7.3	6.3	5.0	8.7	4.8
WX3-FFG6	4.2	2.0	3.7	4.3	2.3	6.7	6.7	6.4	7.0	4.8
AURORA W/ENDO.	5.3	1.0	5.3	3.3	1.0	7.3	6.7	5.5	7.7	4.8
QUATRO (FO 143)	3.3	1.0	5.0	3.7	1.0	8.3	6.3	6.6	7.0	4.7
DEFIANT (MB 81-93)	4.7	1.3	4.3	4.0	1.3	7.3	6.3	5.3	7.7	4.7
NORDIC	4.8	1.3	5.7	2.7	1.3	7.0	6.0	4.8	8.7	4.7
JAMESTOWN II	3.8	1.7	5.3	2.7	1.7	7.0	7.0	6.6	6.3	4.7
WX3-FF54	4.2	2.3	5.7	1.7	1.3	7.7	6.7	6.2	6.0	4.6
PST-4ST	3.0	1.0	4.7	4.7	1.3	7.0	7.0	6.1	6.7	4.6
K-2 (MB 65-93)	4.0	2.0	4.7	3.7	1.0	6.3	7.0	6.8	6.0	4.6
SCALDIS	3.5	1.0	4.7	4.0	1.3	8.3	5.7	5.0	7.3	4.5
PAMELA	4.0	1.3	5.3	1.3	1.3	6.7	6.7	6.0	8.0	4.5
BANNER II	4.0	1.3	4.3	3.3	2.0	6.0	7.0	5.7	7.0	4.5
JAMESTOWN	3.5	1.7	4.7	4.7	1.3	7.0	6.7	5.6	5.3	4.5
ISI-FC-62	3.7	2.0	5.3	2.0	2.0	6.3	6.7	5.9	6.3	4.5
FLORENTINE (PST-4VB ENDO.)	2.8	1.0	5.0	3.0	1.3	7.3	7.0	6.7	6.0	4.5
TREAZURE (ZPS-MG)	4.3	2.0	5.3	1.7	1.7	6.7	6.3	6.1	6.0	4.5
BRIGADE	3.5	2.0	4.7	3.0	1.0	6.7	6.7	5.6	7.0	4.5
MB 66-93	3.2	1.3	4.3	5.3	1.0	6.7	6.3	6.0	5.7	4.4
MEDINA	2.7	1.0	5.7	4.0	1.0	5.3	7.0	7.0	6.0	4.4
DARWIN	3.3	1.0	6.0	2.7	1.0	6.3	5.7	6.7	7.0	4.4
FLYER II (ZPS-4EN)	3.0	1.0	5.0	3.0	1.3	7.3	6.3	5.7	5.3	4.2
JASPER (E)	3.0	1.0	3.7	2.3	1.3	7.0	7.0	6.2	6.0	4.2
PST-4DT	2.5	1.0	4.7	3.0	1.3	6.7	6.7	6.0	5.3	4.1
SHADEMASTER II	2.0	1.0	4.0	5.0	1.0	7.0	7.0	5.7	4.3	4.1
MOLINDA	3.3	1.0	4.3	2.7	1.7	6.0	6.3	6.1	4.7	4.0

TABLE 14A. (CONT'D) SUMMER DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS
1994-97 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	GA1	GA2	IL1	IL3	LA1	ME1	MO1	OK1	PA1	MEAN
DAWSON	2.3	1.0	4.3	5.3	1.0	5.7	6.7	7.0	2.3	4.0
CAS-FR13	2.3	1.0	3.7	4.3	1.3	6.0	6.7	5.4	4.7	3.9
FLYER	2.0	1.0	4.3	4.7	1.0	6.0	7.0	5.3	4.0	3.9
BAR UR 204	2.7	1.0	3.7	4.3	1.0	6.3	6.3	6.1	3.7	3.9
CASCADE	2.7	1.3	4.0	5.3	1.7	5.0	5.0	4.9	4.7	3.8
SEABREEZE	2.5	1.0	5.0	4.0	1.0	4.7	6.7	6.3	3.3	3.8
RONDO	2.2	1.0	4.7	2.0	1.3	6.0	7.0	6.7	3.0	3.8
ARUBA	2.3	1.0	3.3	2.7	1.0	7.3	6.0	5.8	4.3	3.8
BAR FRR 4ZBD	1.8	1.0	4.0	2.3	1.0	6.0	6.0	6.0	4.0	3.6
SILVERLAWN (WVPB-STCR-101)	1.8	1.0	2.3	2.0	1.3	6.3	5.7	5.6	5.0	3.5
COMMON CREEPING 67135	2.0	1.0	4.0	2.7	1.0	5.3	6.0	5.3	3.3	3.4
LSD VALUE	1.2	0.7	1.2	4.4	1.0	1.6	1.1	1.6	1.1	0.6
C.V. (%)	29.5	28.8	15.4	74.7	45.9	14.1	10.5	25.2	11.2	28.5

TABLE 14B. SUMMER DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL1	IL3	LA1	ME1	MO1	OK1	PA1	MEAN
DAWSON	2.3	1	4.3	5.3	1	5.7	6.7	7.0	2.3	4.0
SEABREEZE	2.5	1	5.0	4.0	1	4.7	6.7	6.3	3.3	3.8
LSD VALUE	1.9	0	1.3	5.9	0	1.5	0.9	1.3	0.9	0.7
C.V. (%)	67.8	0	17.5	79.2	0	17.7	8.7	21.2	20.4	38.6

TABLE 14C. SUMMER DENSITY RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL1	IL3	LA1	ME1	MO1	OK1	PA1	MEAN
QUATRO (FO 143)	3.3	1	5.0	3.7	1.0	8.3	6.3	6.6	7.0	4.7
67135	2.0	1	2.0	2.0	2.0	4.7	7.0	5.8	3.3	3.3
LSD VALUE	1.3	0	1.1	4.5	2.0	0.9	1.3	2.4	1.3	0.7
C.V. (%)	43.3	0	20.2	97.7	81.6	8.9	12.2	34.8	15.8	37.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 14D. SUMMER DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 1994-97 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL1	IL3	LA1	ME1	MD1	OK1	PA1	MEAN
SR 5100	4.5	3.0	5.7	5.0	2.7	7.0	7.0	7.1	7.3	5.5
SHADOW II (PST-44D)	4.5	1.7	6.0	5.0	1.0	8.0	7.3	6.8	8.3	5.4
BANNER III (MB 61-93)	4.3	2.0	5.3	4.0	1.3	8.3	7.3	6.8	7.3	5.2
BRITTANY	4.7	2.3	5.3	5.0	2.7	6.7	6.7	6.7	6.3	5.1
TIFFANY	4.2	2.0	6.0	4.0	1.3	7.3	7.3	5.9	7.3	5.0
NJ F-93	3.8	1.7	5.7	5.7	1.7	7.0	6.3	6.6	6.7	5.0
SHADOW (E)	4.0	1.3	5.0	5.7	1.7	6.3	7.3	6.2	7.0	5.0
VICTORY II (PICK 4-91W)	4.8	1.3	5.0	3.7	1.7	8.0	6.7	6.3	7.0	4.9
VICTORY (E)	4.2	2.3	4.3	4.3	2.3	6.7	6.7	6.4	7.0	4.9
TMI-3CE	4.2	2.3	4.7	4.3	2.0	7.0	6.7	6.8	6.0	4.9
BRIDGEPORT	5.0	2.7	5.3	1.7	1.0	6.3	7.3	7.0	7.3	4.9
CULUMBRA (MB 64-93)	3.7	1.7	5.3	4.7	2.0	6.7	6.7	6.4	6.3	4.8
ECO (MB 63-93)	4.2	1.7	5.0	3.7	1.3	7.7	6.7	6.9	6.3	4.8
SANDPIPER (PRO 92/20)	4.5	2.3	5.0	3.7	1.7	6.7	7.0	6.6	6.0	4.8
JAMESTOWN II	3.8	1.7	5.3	2.7	1.7	7.0	7.0	6.6	6.3	4.7
WX3-FF54	4.2	2.3	5.7	1.7	1.3	7.7	6.7	6.2	6.0	4.6
K-2 (MB 65-93)	4.0	2.0	4.7	3.7	1.0	6.3	7.0	6.8	6.0	4.6
BANNER II	4.0	1.3	4.3	3.3	2.0	6.0	7.0	5.7	7.0	4.5
JAMESTOWN	3.5	1.7	4.7	4.7	1.3	7.0	6.7	5.6	5.3	4.5
ISI-FC-62	3.7	2.0	5.3	2.0	2.0	6.3	6.7	5.9	6.3	4.5
TREAZURE (ZPS-MG)	4.3	2.0	5.3	1.7	1.7	6.7	6.3	6.1	6.0	4.5
MB 66-93	3.2	1.3	4.3	5.3	1.0	6.7	6.3	6.0	5.7	4.4
MEDINA	2.7	1.0	5.7	4.0	1.0	5.3	7.0	7.0	6.0	4.4
DARWIN	3.3	1.0	6.0	2.7	1.0	6.3	5.7	6.7	7.0	4.4
MOLINDA	3.3	1.0	4.3	2.7	1.7	6.0	6.3	6.1	4.7	4.0
CASCADE	2.7	1.3	4.0	5.3	1.7	5.0	5.0	4.9	4.7	3.8
LSD VALUE	0.9	0.8	1.3	4.6	1.2	1.6	1.0	1.3	1.0	0.6
C.V. (%)	19.2	28.0	15.3	73.8	47.9	15.1	9.4	21.7	9.6	26.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 14E. SUMMER DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL1	IL3	LA1	ME1	MO1	OK1	PA1	MEAN
WX3-FFG6	4.2	2	3.7	4.3	2.3	6.7	6.7	6.4	7.0	4.8
PST-4ST	3.0	1	4.7	4.7	1.3	7.0	7.0	6.1	6.7	4.6
FLORENTINE (PST-4VB ENDO.)	2.8	1	5.0	3.0	1.3	7.3	7.0	6.7	6.0	4.5
FLYER II (ZPS-4BN)	3.0	1	5.0	3.0	1.3	7.3	6.3	5.7	5.3	4.2
JASPER (E)	3.0	1	3.7	2.3	1.3	7.0	7.0	6.2	6.0	4.2
PST-4DT	2.5	1	4.7	3.0	1.3	6.7	6.7	6.0	5.3	4.1
SHADEMASTER II	2.0	1	4.0	5.0	1.0	7.0	7.0	5.7	4.3	4.1
CAS-FR13	2.3	1	3.7	4.3	1.3	6.0	6.7	5.4	4.7	3.9
FLYER	2.0	1	4.3	4.7	1.0	6.0	7.0	5.3	4.0	3.9
BAR UR 204	2.7	1	3.7	4.3	1.0	6.3	6.3	6.1	3.7	3.9
RONDO	2.2	1	4.7	2.0	1.3	6.0	7.0	6.7	3.0	3.8
ARUBA	2.3	1	3.3	2.7	1.0	7.3	6.0	5.8	4.3	3.8
BAR FRR 4ZBD	1.8	1	4.0	2.3	1.0	6.0	6.0	6.0	4.0	3.6
SILVERLAWN (WVEB-STCR-101)	1.8	1	2.3	2.0	1.3	6.3	5.7	5.6	5.0	3.5
COMMON CREEPING	2.0	1	4.0	2.7	1.0	5.3	6.0	5.3	3.3	3.4
LSD VALUE	1.5	0	1.0	4.0	0.7	1.5	1.1	1.1	1.1	0.5
C.V. (%)	51.1	0	16.1	73.8	35.3	14.0	10.4	20.7	13.8	29.3

TABLE 14F. SUMMER DENSITY RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL1	IL3	LA1	ME1	MO1	OK1	PA1	MEAN
DISCOVERY	4.7	1.7	5.0	6.3	1.3	8.7	6.7	5.9	8.7	5.4
RELIANT II	4.3	1.3	6.3	4.0	1.3	8.3	7.0	4.8	8.3	5.1
SR 3100	5.2	1.3	4.7	4.7	1.3	7.7	7.3	5.0	8.7	5.1
OSPREY (PRO 92/24)	5.2	1.7	4.3	3.7	1.0	8.3	7.3	6.0	8.0	5.1
SPARTAN	5.2	2.0	4.7	4.3	1.0	7.3	6.7	6.4	7.7	5.0
MB 82-93	3.8	1.7	4.3	4.0	2.7	8.0	7.3	5.1	8.0	5.0
ECOSTAR	4.5	1.3	5.7	3.0	1.0	7.7	7.0	5.8	8.0	4.9
VERNON (MB 83-93)	4.7	1.0	5.0	4.3	1.0	7.3	6.3	5.0	8.7	4.8
AURORA W/ENDO.	5.3	1.0	5.3	3.3	1.0	7.3	6.7	5.5	7.7	4.8
DEFIANT (MB 81-93)	4.7	1.3	4.3	4.0	1.3	7.3	6.3	5.3	7.7	4.7
NORDIC	4.8	1.3	5.7	2.7	1.3	7.0	6.0	4.8	8.7	4.7
SCALDIS	3.5	1.0	4.7	4.0	1.3	8.3	5.7	5.0	7.3	4.5
PAMELA	4.0	1.3	5.3	1.3	1.3	6.7	6.7	6.0	8.0	4.5
BRIGADE	3.5	2.0	4.7	3.0	1.0	6.7	6.7	5.6	7.0	4.5
LSD VALUE	1.4	0.9	1.1	4.4	0.8	1.5	1.3	2.7	1.4	0.7
C.V. (%)	26.3	37.4	14.1	73.0	39.8	12.6	12.4	40.2	10.5	30.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 15A.

FALL DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 1994-97 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL1	LA1	MO1	NJ1	NJ2	OK1	PA1	MEAN
SHADOW II (PST-44D)	5.3	3.8	7.3	2.0	7.3	6.7	7.0	7.1	7.8	6.0
SR 5100	5.0	4.5	6.7	3.7	7.7	5.7	7.0	6.5	6.8	5.9
BRITTANY	5.5	4.0	7.0	3.3	6.7	6.0	7.0	6.7	7.2	5.9
NJ F-93	5.2	4.0	7.0	2.0	7.0	7.3	7.0	6.5	6.8	5.9
VICTORY II (PICK 4-91W)	5.5	3.7	7.0	2.3	7.0	6.0	7.0	7.0	7.3	5.9
BANNER III (MB 61-93)	5.0	4.2	7.0	1.7	7.0	6.3	7.0	6.8	7.3	5.8
SANDPIPER (PRO 92/20)	5.0	4.0	7.7	2.7	8.0	4.3	7.0	6.7	6.8	5.8
WX3-FFG6	5.0	3.7	6.3	3.0	7.0	5.7	7.0	6.8	7.2	5.7
BRIDGEPORT	4.7	4.5	6.7	1.7	7.7	5.7	7.0	6.6	7.0	5.7
TIFFANY	5.3	3.3	7.3	1.7	7.3	5.7	7.0	6.8	6.8	5.7
OSPREY (PRO 92/24)	5.5	2.5	7.0	1.0	8.3	5.7	7.0	6.0	8.2	5.7
CULUMBRA (MB 64-93)	4.5	3.5	6.7	3.0	6.7	6.0	7.0	6.5	6.8	5.6
SR 3100	5.8	3.0	7.3	1.3	8.0	5.7	7.0	5.4	6.7	5.6
DISCOVERY	5.8	2.8	7.0	1.0	7.0	6.3	7.0	5.4	7.7	5.6
ECO (MB 63-93)	5.0	3.7	7.0	1.7	7.0	5.3	7.0	6.4	7.0	5.6
TMI-3CE	4.8	3.5	6.7	2.3	6.7	4.7	7.0	6.9	7.3	5.5
JAMESTOWN II	4.7	3.2	7.0	2.7	7.3	4.3	7.0	6.5	7.2	5.5
ISI-FC-62	4.5	4.0	7.0	4.0	6.7	4.0	7.0	6.3	6.2	5.5
MB 82-93	4.8	3.3	6.3	2.3	7.3	5.7	7.0	5.8	7.0	5.5
VICTORY (E)	4.5	3.7	7.3	2.0	7.0	4.3	7.0	6.6	7.0	5.5
ECOSTAR	5.2	2.4	7.3	1.7	7.3	6.3	7.0	5.3	6.5	5.5
NORDIC	4.7	3.2	6.3	2.0	7.3	5.7	7.0	5.2	7.7	5.5
RELIANT II	5.0	2.3	7.0	1.3	7.0	5.7	7.0	6.2	7.5	5.4
SHADOW (E)	4.5	3.2	6.0	2.7	7.3	4.3	7.0	6.5	7.3	5.4
FLORENTINE (PST-4VB ENDO.)	4.2	1.0	7.0	1.7	7.0	6.7	7.0	6.6	7.7	5.4
TREAZURE (ZPS-MG)	4.2	3.5	7.0	2.0	6.3	4.7	7.0	6.8	7.2	5.4
K-2 (MB 65-93)	4.5	3.5	7.3	1.3	6.7	4.7	7.0	6.2	7.3	5.4
WX3-FF54	5.2	4.2	6.3	1.7	6.3	4.3	7.0	6.6	6.8	5.4
DEFIANT (MB 81-93)	5.2	2.3	6.7	1.7	6.7	6.0	7.0	5.2	7.3	5.3
SHADEMASTER II	4.3	1.0	7.0	1.7	7.3	6.0	7.0	6.3	7.3	5.3
BRIGADE	4.7	3.0	6.3	1.7	7.0	6.0	7.0	5.3	6.8	5.3
JASPER (E)	5.0	1.8	6.0	2.0	7.3	4.7	7.0	6.8	7.0	5.3
BANNER II	4.7	3.0	7.0	2.3	7.0	4.0	7.0	6.1	6.3	5.3
VERNON (MB 83-93)	4.8	2.8	6.3	1.7	6.7	5.3	7.0	5.0	7.5	5.2
AURORA W/ENDO.	5.3	2.0	6.7	1.0	7.0	5.3	7.0	5.6	7.2	5.2
SPARTAN	5.2	3.0	6.0	1.3	7.0	5.0	7.0	5.4	7.2	5.2
PST-4ST	4.3	1.0	7.0	2.0	7.0	5.0	6.7	6.5	6.8	5.1
PST-4DT	3.8	1.0	6.3	1.3	7.3	5.3	7.0	6.8	7.2	5.1
QUATRO (FO 143)	4.7	1.8	7.0	1.3	7.0	5.0	7.0	5.3	6.5	5.1
DARWIN	4.2	2.6	7.3	1.0	6.0	4.0	7.0	5.8	7.5	5.0
MEDINA	4.3	1.0	7.3	1.7	7.0	2.7	7.0	6.6	7.7	5.0
SCALDIS	4.2	2.0	6.3	1.7	7.0	4.7	7.0	5.0	7.3	5.0
FLYER II (ZPS-4BN)	4.5	1.0	6.3	1.7	6.3	4.7	7.0	6.6	7.0	5.0
PAMELA	4.7	1.5	6.3	2.0	7.3	3.0	7.0	5.5	6.8	4.9
MOLINDA	4.5	1.8	6.7	1.7	7.0	2.7	7.0	6.7	6.2	4.9
JAMESTOWN	4.0	2.8	6.7	1.7	6.7	3.0	7.0	6.0	6.0	4.9
SILVERLAWN (WVPB-STCR-101)	3.7	2.4	6.7	1.7	6.7	3.3	7.0	6.3	6.0	4.9

TABLE 15A. (CONT'D)

FALL DENSITY RATINGS OF FINELEAF FESCUE CULTIVARS
1994-97 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY

NAME	GA1	GA2	IL1	LA1	MO1	NJ1	NJ2	OK1	PA1	MEAN
FLYER	3.7	1.0	6.0	1.7	7.3	4.0	7.0	6.5	6.3	4.8
MB 66-93	4.5	1.8	6.3	1.7	6.7	2.3	7.0	6.3	6.5	4.8
SEABREEZE	4.0	1.8	6.3	1.7	6.7	2.3	7.0	6.1	6.7	4.7
RONDO	3.7	1.0	7.3	1.3	7.3	2.7	7.0	6.3	5.7	4.7
CAS-FR13	3.7	1.0	6.0	1.7	7.0	3.3	7.0	6.2	5.7	4.6
CASCADE	3.5	2.8	6.0	2.7	5.7	2.3	7.0	5.2	5.8	4.6
ARUBA	3.5	1.0	6.0	1.7	6.7	3.3	7.0	6.0	5.7	4.5
DAWSON	3.8	1.0	7.3	1.0	7.3	1.3	7.0	6.1	5.7	4.5
BAR UR 204	3.7	1.0	6.0	1.0	7.0	2.0	7.0	6.3	6.5	4.5
BAR FRR 4ZBD	3.5	1.0	6.7	1.0	7.3	3.0	6.0	6.3	4.7	4.4
COMMON CREEPING 67135	3.2	1.5	6.0	1.3	5.7	2.0	7.0	5.4	5.0	4.1
LSD VALUE	2.3	1.8	1.0	1.4	1.0	1.3	0.4	1.1	1.1	0.5
C.V. (%)	45.0	54.6	9.0	46.6	8.9	17.2	3.4	20.8	14.0	24.0

TABLE 15B.

FALL DENSITY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL1	LA1	MO1	NJ1	NJ2	OK1	PA1	MEAN
SEABREEZE	4.0	1.8	6.3	1.7	6.7	2.3	7	6.1	6.7	4.7
DAWSON	3.8	1.0	7.3	1.0	7.3	1.3	7	6.1	5.7	4.5
LSD VALUE	2.6	1.3	0.9	0.7	0.9	1.5	0	0.9	1.6	0.5
C.V. (%)	58.7	63.9	8.4	30.6	8.2	49.8	0	18.5	23.3	27.9

TABLE 15C.

FALL DENSITY RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL1	LA1	MO1	NJ1	NJ2	OK1	PA1	MEAN
QUATRO (FO 143)	4.7	1.8	7.0	1.3	7	5.0	7	5.3	6.5	5.1
67135	3.6	1.0	5.7	1.7	7	1.0	7	4.1	3.2	3.8
LSD VALUE	3.7	1.1	0.7	0.9	0	1.1	0	1.5	0.9	0.7
C.V. (%)	75.0	53.9	6.4	38.5	0	23.6	0	30.2	16.5	33.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 15D.

FALL DENSITY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 1994-97 DATA
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL1	LA1	MO1	NJ1	NJ2	OK1	PA1	MEAN
SHADOW II (PST-44D)	5.3	3.8	7.3	2.0	7.3	6.7	7	7.1	7.8	6.0
SR 5100	5.0	4.5	6.7	3.7	7.7	5.7	7	6.5	6.8	5.9
BRITTANY	5.5	4.0	7.0	3.3	6.7	6.0	7	6.7	7.2	5.9
NJ F-93	5.2	4.0	7.0	2.0	7.0	7.3	7	6.5	6.8	5.9
VICTORY II (PICK 4-91W)	5.5	3.7	7.0	2.3	7.0	6.0	7	7.0	7.3	5.9
BANNER III (MB 61-93)	5.0	4.2	7.0	1.7	7.0	6.3	7	6.8	7.3	5.8
SANDPIPER (PRO 92/20)	5.0	4.0	7.7	2.7	8.0	4.3	7	6.7	6.8	5.8
BRIDGEPORT	4.7	4.5	6.7	1.7	7.7	5.7	7	6.6	7.0	5.7
TIFFANY	5.3	3.3	7.3	1.7	7.3	5.7	7	6.8	6.8	5.7
CULUMBRA (MB 64-93)	4.5	3.5	6.7	3.0	6.7	6.0	7	6.5	6.8	5.6
ECO (MB 63-93)	5.0	3.7	7.0	1.7	7.0	5.3	7	6.4	7.0	5.6
TMI-3CE	4.8	3.5	6.7	2.3	6.7	4.7	7	6.9	7.3	5.5
JAMESTOWN II	4.7	3.2	7.0	2.7	7.3	4.3	7	6.5	7.2	5.5
ISI-FC-62	4.5	4.0	7.0	4.0	6.7	4.0	7	6.3	6.2	5.5
VICTORY (E)	4.5	3.7	7.3	2.0	7.0	4.3	7	6.6	7.0	5.5
SHADOW (E)	4.5	3.2	6.0	2.7	7.3	4.3	7	6.5	7.3	5.4
TREAZURE (ZPS-MG)	4.2	3.5	7.0	2.0	6.3	4.7	7	6.8	7.2	5.4
K-2 (MB 65-93)	4.5	3.5	7.3	1.3	6.7	4.7	7	6.2	7.3	5.4
WX3-FF54	5.2	4.2	6.3	1.7	6.3	4.3	7	6.6	6.8	5.4
BANNER II	4.7	3.0	7.0	2.3	7.0	4.0	7	6.1	6.3	5.3
DARWIN	4.2	2.6	7.3	1.0	6.0	4.0	7	5.8	7.5	5.0
MEDINA	4.3	1.0	7.3	1.7	7.0	2.7	7	6.6	7.7	5.0
MOLINDA	4.5	1.8	6.7	1.7	7.0	2.7	7	6.7	6.2	4.9
JAMESTOWN	4.0	2.8	6.7	1.7	6.7	3.0	7	6.0	6.0	4.9
MB 66-93	4.5	1.8	6.3	1.7	6.7	2.3	7	6.3	6.5	4.8
CASCADE	3.5	2.8	6.0	2.7	5.7	2.3	7	5.2	5.8	4.6
LSD VALUE	2.1	1.8	1.0	1.9	1.0	1.3	0	0.9	0.9	0.5
C.V. (%)	39.0	45.9	9.4	53.2	8.7	17.0	0	18.2	11.1	22.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 15E. FALL DENSITY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL1	LA1	MO1	NJ1	NJ2	OK1	PA1	MEAN
WX3-FFG6	5.0	3.7	6.3	3.0	7.0	5.7	7.0	6.8	7.2	5.7
FLORENTINE (PST-4VB ENDO.)	4.2	1.0	7.0	1.7	7.0	6.7	7.0	6.6	7.7	5.4
SHADEMASTER II	4.3	1.0	7.0	1.7	7.3	6.0	7.0	6.3	7.3	5.3
JASPER (E)	5.0	1.8	6.0	2.0	7.3	4.7	7.0	6.8	7.0	5.3
PST-4ST	4.3	1.0	7.0	2.0	7.0	5.0	6.7	6.5	6.8	5.1
PST-4DT	3.8	1.0	6.3	1.3	7.3	5.3	7.0	6.8	7.2	5.1
FLYER II (ZPS-4BN)	4.5	1.0	6.3	1.7	6.3	4.7	7.0	6.6	7.0	5.0
SILVERLAWN (WVPB-STCR-101)	3.7	2.4	6.7	1.7	6.7	3.3	7.0	6.3	6.0	4.9
FLYER	3.7	1.0	6.0	1.7	7.3	4.0	7.0	6.5	6.3	4.8
RONDO	3.7	1.0	7.3	1.3	7.3	2.7	7.0	6.3	5.7	4.7
CAS-FR13	3.7	1.0	6.0	1.7	7.0	3.3	7.0	6.2	5.7	4.6
ARUBA	3.5	1.0	6.0	1.7	6.7	3.3	7.0	6.0	5.7	4.5
BAR UR 204	3.7	1.0	6.0	1.0	7.0	2.0	7.0	6.3	6.5	4.5
BAR FRR 4ZBD	3.5	1.0	6.7	1.0	7.3	3.0	6.0	6.3	4.7	4.4
COMMON CREEPING	3.2	1.5	6.0	1.3	5.7	2.0	7.0	5.4	5.0	4.1
LSD VALUE	2.3	1.5	0.7	0.9	1.0	1.2	0.8	0.8	1.2	0.5
C.V. (%)	50.8	72.0	6.9	32.7	8.6	17.8	6.8	16.3	15.9	23.1

TABLE 15F. FALL DENSITY RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	GA1	GA2	IL1	LA1	MO1	NJ1	NJ2	OK1	PA1	MEAN
OSPREY (PRO 92/24)	5.5	2.5	7.0	1.0	8.3	5.7	7	6.0	8.2	5.7
SR 3100	5.8	3.0	7.3	1.3	8.0	5.7	7	5.4	6.7	5.6
DISCOVERY	5.8	2.8	7.0	1.0	7.0	6.3	7	5.4	7.7	5.6
MB 82-93	4.8	3.3	6.3	2.3	7.3	5.7	7	5.8	7.0	5.5
ECOSTAR	5.2	2.4	7.3	1.7	7.3	6.3	7	5.3	6.5	5.5
NORDIC	4.7	3.2	6.3	2.0	7.3	5.7	7	5.2	7.7	5.5
RELIANT II	5.0	2.3	7.0	1.3	7.0	5.7	7	6.2	7.5	5.4
DEFIANT (MB 81-93)	5.2	2.3	6.7	1.7	6.7	6.0	7	5.2	7.3	5.3
BRIGADE	4.7	3.0	6.3	1.7	7.0	6.0	7	5.3	6.8	5.3
VERNON (MB 83-93)	4.8	2.8	6.3	1.7	6.7	5.3	7	5.0	7.5	5.2
AURORA W/ENDO.	5.3	2.0	6.7	1.0	7.0	5.3	7	5.6	7.2	5.2
SPARTAN	5.2	3.0	6.0	1.3	7.0	5.0	7	5.4	7.2	5.2
SCALDIS	4.2	2.0	6.3	1.7	7.0	4.7	7	5.0	7.3	5.0
PAMELA	4.7	1.5	6.3	2.0	7.3	3.0	7	5.5	6.8	4.9
LSD VALUE	2.6	1.7	1.1	0.7	1.2	1.3	0	2.0	1.2	0.6
C.V. (%)	44.4	52.1	10.1	29.9	10.0	15.0	0	34.2	14.9	27.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 16A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	GA1	GA2	IL2	KY1	ME1	MO1	NE1	NJ1	OH1	OK1	VA1	MEAN
SR 5100	72.5	55.0	82.0	97.7	78.3	81.7	86.7	76.3	57.5	90.3	83.3	78.3
NJ F-93	65.0	32.5	90.3	96.0	73.3	73.3	80.0	82.3	69.0	86.4	83.3	75.6
VICTORY (E)	73.3	35.8	82.0	95.0	73.3	78.3	70.0	81.0	62.5	90.0	78.3	74.5
BRITTANY	79.2	29.2	78.0	96.0	66.7	68.3	76.7	86.3	71.0	88.7	78.3	74.4
SANDPIPER (PRO 92/20)	74.2	38.3	81.7	86.3	75.0	81.7	83.3	77.0	49.2	86.3	83.3	74.2
ISI-FC-62	61.7	35.0	77.5	95.0	75.0	83.3	86.7	79.0	53.0	85.1	81.7	73.9
VICTORY II (PICK 4-91W)	72.5	27.0	71.7	97.7	71.7	85.0	66.7	86.0	59.2	88.9	81.7	73.4
BRIDGEPORT	75.8	49.2	77.7	92.7	75.0	75.0	76.7	75.0	45.3	89.4	75.0	73.3
TIFFANY	67.5	20.8	77.3	97.0	71.7	88.3	76.7	76.7	50.0	86.7	88.3	72.8
BANNER III (MB 61-93)	65.0	25.8	84.0	91.7	63.3	75.0	83.3	77.7	65.8	89.0	76.7	72.5
TMI-3CE	69.2	27.5	78.5	75.0	68.3	85.0	80.0	82.3	63.3	81.1	80.0	71.8
CULUMBRA (MB 64-93)	56.7	25.8	85.8	81.7	78.3	68.3	80.0	74.3	69.0	88.3	81.7	71.8
JAMESTOWN II	61.7	24.5	84.5	70.0	80.0	88.3	83.3	72.3	53.7	88.3	83.3	71.8
SHADOW II (PST-44D)	75.0	22.5	82.2	99.0	75.0	80.0	76.7	75.0	47.7	78.7	73.3	71.4
ECO (MB 63-93)	73.3	27.5	80.3	96.7	61.7	71.7	76.7	83.3	49.7	88.6	71.7	71.0
BANNER II	60.8	20.3	84.3	81.7	75.0	83.3	86.7	67.3	50.8	76.6	90.0	70.6
TREAZURE (ZPS-MG)	70.8	21.7	82.8	55.0	73.3	83.3	80.0	81.0	58.0	76.8	83.3	69.6
PST-4ST	61.7	1.5	82.3	95.0	65.7	76.7	70.0	68.3	69.2	77.1	83.3	68.3
JAMESTOWN	61.7	21.2	84.7	58.3	76.7	78.3	86.7	65.7	56.0	76.1	81.7	67.9
JASPER (E)	55.0	4.5	75.3	87.7	78.3	80.0	66.7	63.0	69.2	85.0	80.0	67.7
MB 82-93	59.2	20.7	56.2	85.0	73.3	86.7	86.7	57.0	83.3	56.9	76.7	67.4
WX3-FFG6	72.5	26.7	52.8	73.3	75.0	81.7	70.0	69.7	51.7	86.6	81.7	67.4
WX3-FF54	70.8	34.2	80.2	43.3	73.3	80.0	83.3	83.3	43.0	69.8	78.3	67.2
ARUBA	46.7	0.8	76.8	86.7	80.0	71.7	80.0	68.3	58.3	73.2	88.3	66.4
SPARTAN	74.2	32.5	63.3	56.7	71.7	86.7	90.0	56.7	89.2	23.3	83.3	66.1
K-2 (MB 65-93)	61.7	23.3	79.3	58.3	68.3	78.3	80.0	80.3	40.8	81.8	73.3	66.0
FLYER II (ZPS-4BN)	60.8	2.0	74.7	85.7	76.7	80.0	63.3	62.7	56.7	75.2	85.0	65.7
OSPREY (PRO 92/24)	70.8	17.8	76.3	78.3	75.0	81.7	90.0	49.3	66.7	28.3	80.0	64.9
SHADOW (E)	66.7	17.5	54.7	57.7	61.7	90.0	90.0	67.3	49.2	83.2	73.3	64.7
PST-4DT	45.0	1.3	85.7	87.3	66.7	81.7	73.3	64.7	55.8	85.7	61.7	64.4
MB 66-93	59.2	9.0	75.2	58.3	65.0	78.3	83.3	74.7	47.0	79.2	78.3	64.3
FLORENTINE (PST-4VB ENDO.)	56.7	1.8	69.0	80.0	71.7	80.0	73.3	63.3	51.7	84.9	73.3	64.2
SHADEMASTER II	28.3	1.3	83.7	96.0	58.3	81.7	73.3	63.3	65.0	77.1	71.7	63.6
RELIANT II	55.8	15.8	80.0	75.0	63.3	86.7	90.0	42.7	75.8	50.6	61.7	63.4
DISCOVERY	70.0	15.0	49.2	71.7	65.0	78.3	83.3	40.3	83.3	66.1	75.0	63.4
ECOSTAR	67.5	13.3	53.0	61.7	75.0	80.0	86.7	57.3	87.3	33.6	78.3	63.1
CAS-FR13	46.7	2.8	74.7	78.3	63.3	81.7	73.3	65.7	49.2	82.2	73.3	62.8
CASCADE	55.0	20.3	80.3	43.3	78.3	83.3	83.3	48.7	44.5	71.7	80.0	62.6
DEFIANT (MB 81-93)	68.3	14.5	66.5	68.3	61.7	81.7	86.7	42.7	72.5	42.7	80.0	62.3
BAR UR 204	49.2	1.3	81.2	65.0	85.0	78.3	73.3	49.0	48.3	77.7	76.7	62.3
NORDIC	64.2	14.5	64.0	45.0	70.0	78.3	86.7	55.3	75.8	39.4	86.7	61.8
FLYER	43.3	1.2	75.5	35.0	80.0	81.7	76.7	71.3	52.5	75.1	85.0	61.6
DAWSON	57.5	1.3	67.7	1.7	81.7	90.0	80.0	66.3	55.6	74.3	88.3	60.4
DAFWIN	56.7	15.8	79.5	0.7	61.7	76.7	83.3	72.3	70.0	63.9	76.7	59.7
AURORA W/ENDO.	75.7	12.5	57.8	26.7	70.0	76.7	90.0	47.7	82.5	29.1	81.7	59.1
MOLINDA	60.0	3.7	73.8	25.3	60.0	68.3	73.3	75.3	49.0	78.6	80.0	58.9
SR 3100	74.2	17.2	37.2	61.7	68.3	85.0	73.3	36.7	87.5	29.3	68.3	58.1
SILVERLAWN (WVPB-STCR-101)	34.2	3.7	56.2	60.0	76.7	71.7	60.0	66.7	53.8	75.3	76.7	57.7

TABLE 16A. (CONT'D) PERCENT LIVING GROUND COVER (SPRING) RATINGS OF FINELEAF FESCUE CULTIVARS
1994-97 DATA
PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS

NAME	GA1	GA2	IL2	KY1	ME1	MO1	NE1	NJ1	OH1	OK1	VA1	MEAN
QUATRO (FO 143)	52.5	8.7	64.7	23.3	75.0	76.7	86.7	52.3	72.5	41.4	76.7	57.3
VERNON (MB 83-93)	62.5	16.2	39.5	43.3	70.0	83.3	83.3	49.0	80.0	30.7	68.3	56.9
MEDINA	44.2	5.7	63.3	6.7	70.0	80.0	70.0	74.3	58.8	72.2	76.7	56.5
RONDO	45.8	0.5	63.2	3.0	68.3	81.7	80.0	67.7	46.3	73.0	81.7	55.6
SEABREEZE	38.3	5.8	67.0	0.3	75.0	75.0	80.0	73.3	53.3	64.2	78.3	55.5
BRIGADE	47.5	23.3	45.0	50.3	60.0	73.3	73.3	48.3	80.0	27.8	73.3	54.8
COMMON CREEPING	26.7	0.7	76.8	16.7	68.3	88.3	66.7	56.0	47.5	64.6	80.0	53.8
SCALDIS	49.2	12.5	69.0	28.3	63.3	75.0	83.3	47.0	70.0	22.7	70.0	53.7
PAMELA	53.3	4.5	47.5	38.3	63.3	80.0	76.7	39.0	73.3	32.7	73.3	52.9
67135	23.5	1.2	71.8	23.3	60.0	88.3	53.3	15.0	88.0	40.1	86.7	50.1
BAR FRR 4ZBD	12.5	1.2	64.3	56.7	58.3	66.7	63.3	52.3	40.8	62.9	71.7	50.1
LSD VALUE	23.2	12.7	19.1	23.8	13.3	13.9	15.1	13.4	33.5	21.6	9.3	7.2
C.V. (%)	34.9	68.0	23.5	23.6	11.7	10.8	12.0	12.9	46.1	34.0	7.4	28.3

TABLE 16B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	GA1	GA2	IL2	KY1	ME1	MO1	NE1	NJ1	OH1	OK1	VA1	MEAN
DAWSON	57.5	1.3	67.7	1.7	81.7	90.0	80.0	66.3	55.6	74.3	88.3	60.4
SEABREEZE	38.3	5.8	67.0	0.3	75.0	75.0	80.0	73.3	53.3	64.2	78.3	55.5
LSD VALUE	19.9	6.5	25.4	1.5	8.7	9.9	16.1	17.0	40.6	17.7	4.6	7.1
C.V. (%)	36.6	159.9	33.1	91.3	6.9	7.4	12.5	15.1	62.4	27.4	3.5	31.1

TABLE 16C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA
PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	GA1	GA2	IL2	KY1	ME1	MO1	NE1	NJ1	OH1	OK1	VA1	MEAN
QUATRO (FO 143)	52.5	8.7	64.7	23.3	75.0	76.7	86.7	52.3	72.5	41.4	76.7	57.3
67135	23.5	1.2	71.8	23.3	60.0	88.3	53.3	15.0	88.0	40.1	86.7	50.1
LSD VALUE	29.5	9.3	17.0	14.7	15.0	4.6	14.7	13.9	15.2	33.2	7.3	8.1
C.V. (%)	68.2	166.8	22.0	39.1	13.9	3.5	13.0	25.7	13.6	87.8	5.6	38.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 16D.

PERCENT LIVING GROUND COVER (SPRING) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	GA1	GA2	IL2	KY1	ME1	MO1	NE1	NJ1	OH1	OK1	VA1	MEAN
SR 5100	72.5	55.0	82.0	97.7	78.3	81.7	86.7	76.3	57.5	90.3	83.3	78.3
NJ F-93	65.0	32.5	90.3	96.0	73.3	73.3	80.0	82.3	69.0	86.4	83.3	75.6
VICTORY (E)	73.3	35.8	82.0	95.0	73.3	78.3	70.0	81.0	62.5	90.0	78.3	74.5
BRITTANY	79.2	29.2	78.0	96.0	66.7	68.3	76.7	86.3	71.0	88.7	78.3	74.4
SANDPIPER (PRO 92/20)	74.2	38.3	81.7	86.3	75.0	81.7	83.3	77.0	49.2	86.3	83.3	74.2
ISI-FC-62	61.7	35.0	77.5	95.0	75.0	83.3	86.7	79.0	53.0	85.1	81.7	73.9
VICTORY II (PICK 4-91W)	72.5	27.0	71.7	97.7	71.7	85.0	66.7	86.0	59.2	88.9	81.7	73.4
BRIDGEPORT	75.8	49.2	77.7	92.7	75.0	75.0	76.7	75.0	45.3	89.4	75.0	73.3
TIFFANY	67.5	20.8	77.3	97.0	71.7	88.3	76.7	76.7	50.0	86.7	88.3	72.8
BANNER III (MB 61-93)	65.0	25.8	84.0	91.7	63.3	75.0	83.3	77.7	65.8	89.0	76.7	72.5
TMI-3CE	69.2	27.5	78.5	75.0	68.3	85.0	80.0	82.3	63.3	81.1	80.0	71.8
CULUMBRA (MB 64-93)	56.7	25.8	85.8	81.7	78.3	68.3	80.0	74.3	69.0	88.3	81.7	71.8
JAMESTOWN II	61.7	24.5	84.5	70.0	80.0	88.3	83.3	72.3	53.7	88.3	83.3	71.8
SHADOW II (PST-44D)	75.0	22.5	82.2	99.0	75.0	80.0	76.7	75.0	47.7	78.7	73.3	71.4
ECO (MB 63-93)	73.3	27.5	80.3	96.7	61.7	71.7	76.7	83.3	49.7	88.6	71.7	71.0
BANNER II	60.8	20.3	84.3	81.7	75.0	83.3	86.7	67.3	50.8	76.6	90.0	70.6
TREAZURE (ZPS-MG)	70.8	21.7	82.8	55.0	73.3	83.3	80.0	81.0	58.0	76.8	83.3	69.6
JAMESTOWN	61.7	21.2	84.7	58.3	76.7	78.3	86.7	65.7	56.0	76.1	81.7	67.9
WX3-FF54	70.8	34.2	80.2	43.3	73.3	80.0	83.3	83.3	43.0	69.8	78.3	67.2
K-2 (MB 65-93)	61.7	23.3	79.3	58.3	68.3	78.3	80.0	80.3	40.8	81.8	73.3	66.0
SHADOW (E)	66.7	17.5	54.7	57.7	61.7	90.0	90.0	67.3	49.2	83.2	73.3	64.7
MB 66-93	59.2	9.0	75.2	58.3	65.0	78.3	83.3	74.7	47.0	79.2	78.3	64.3
CASCADE	55.0	20.3	80.3	43.3	78.3	83.3	83.3	48.7	44.5	71.7	80.0	62.6
DARWIN	56.7	15.8	79.5	0.7	61.7	76.7	83.3	72.3	70.0	63.9	76.7	59.7
MOLINDA	60.0	3.7	73.8	25.3	60.0	68.3	73.3	75.3	49.0	78.6	80.0	58.9
MEDINA	44.2	5.7	63.3	6.7	70.0	80.0	70.0	74.3	58.8	72.2	76.7	56.5
LSD VALUE	20.1	15.1	14.6	26.3	14.3	15.0	15.5	9.4	39.5	14.5	10.5	6.6
C.V. (%)	26.9	51.5	16.2	22.9	12.5	11.7	12.0	7.7	58.8	18.9	8.2	24.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 16E. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	GA1	GA2	IL2	KY1	ME1	MO1	NE1	NJ1	OH1	OK1	VA1	MEAN
PST-4ST	61.7	1.5	82.3	95.0	65.7	76.7	70.0	68.3	69.2	77.1	83.3	68.3
JASPER (E)	55.0	4.5	75.3	87.7	78.3	80.0	66.7	63.0	69.2	85.0	80.0	67.7
WX3-FFG6	72.5	26.7	52.8	73.3	75.0	81.7	70.0	69.7	51.7	86.6	81.7	67.4
ARUBA	46.7	0.8	76.8	86.7	80.0	71.7	80.0	68.3	58.3	73.2	88.3	66.4
FLYER II (ZPS-4BN)	60.8	2.0	74.7	85.7	76.7	80.0	63.3	62.7	56.7	75.2	85.0	65.7
PST-4DT	45.0	1.3	85.7	87.3	66.7	81.7	73.3	64.7	55.8	85.7	61.7	64.4
FLORENTINE (PST-4VB ENDO.)	56.7	1.8	69.0	80.0	71.7	80.0	73.3	63.3	51.7	84.9	73.3	64.2
SHADEMASTER II	28.3	1.3	83.7	96.0	58.3	81.7	73.3	63.3	65.0	77.1	71.7	63.6
CAS-FR13	46.7	2.8	74.7	78.3	63.3	81.7	73.3	65.7	49.2	82.2	73.3	62.8
BAR UR 204	49.2	1.3	81.2	65.0	85.0	78.3	73.3	49.0	48.3	77.7	76.7	62.3
FLYER	43.3	1.2	75.5	35.0	80.0	81.7	76.7	71.3	52.5	75.1	85.0	61.6
SILVERLAWN (WVPB-STCR-101)	34.2	3.7	56.2	60.0	76.7	71.7	60.0	66.7	53.8	75.3	76.7	57.7
RONDO	45.8	0.5	63.2	3.0	68.3	81.7	80.0	67.7	46.3	73.0	81.7	55.6
COMMON CREEPING	26.7	0.7	76.8	16.7	68.3	88.3	66.7	56.0	47.5	64.6	80.0	53.8
BAR FRR 4ZBD	12.5	1.2	64.3	56.7	58.3	66.7	63.3	52.3	40.8	62.9	71.7	50.1
LSD VALUE	22.6	4.1	20.2	11.9	12.8	13.9	13.4	18.1	35.9	18.4	7.4	6.9
C.V. (%)	43.5	105.6	24.4	11.0	11.1	11.0	11.7	17.8	58.0	25.7	5.9	28.5

TABLE 16F. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	GA1	GA2	IL2	KY1	ME1	MO1	NE1	NJ1	OH1	OK1	VA1	MEAN
MB 82-93	59.2	20.7	56.2	85.0	73.3	86.7	86.7	57.0	83.3	56.9	76.7	67.4
SPARTAN	74.2	32.5	63.3	56.7	71.7	86.7	90.0	56.7	89.2	23.3	83.3	66.1
OSPREY (PRO 92/24)	70.8	17.8	76.3	78.3	75.0	81.7	90.0	49.3	66.7	28.3	80.0	64.9
RELIANT II	55.8	15.8	80.0	75.0	63.3	86.7	90.0	42.7	75.8	50.6	61.7	63.4
DISCOVERY	70.0	15.0	49.2	71.7	65.0	78.3	83.3	40.3	83.3	66.1	75.0	63.4
ECOSTAR	67.5	13.3	53.0	61.7	75.0	80.0	86.7	57.3	87.3	33.6	78.3	63.1
DEFIANT (MB 81-93)	68.3	14.5	66.5	68.3	61.7	81.7	86.7	42.7	72.5	42.7	80.0	62.3
NORDIC	64.2	14.5	64.0	45.0	70.0	78.3	86.7	55.3	75.8	39.4	86.7	61.8
AURORA W/ENDO.	75.7	12.5	57.8	26.7	70.0	76.7	90.0	47.7	82.5	29.1	81.7	59.1
SR 3100	74.2	17.2	37.2	61.7	68.3	85.0	73.3	36.7	87.5	29.3	68.3	58.1
VERNON (MB 83-93)	62.5	16.2	39.5	43.3	70.0	83.3	83.3	49.0	80.0	30.7	68.3	56.9
BRIGADE	47.5	23.3	45.0	50.3	60.0	73.3	73.3	48.3	80.0	27.8	73.3	54.8
SCALDIS	49.2	12.5	69.0	28.3	63.3	75.0	83.3	47.0	70.0	22.7	70.0	53.7
PAMELA	53.3	4.5	47.5	38.3	63.3	80.0	76.7	39.0	73.3	32.7	73.3	52.9
LSD VALUE	28.3	14.9	24.1	30.4	12.0	13.0	16.3	12.8	16.4	31.8	9.7	8.3
C.V. (%)	39.0	79.4	36.8	33.4	11.0	10.0	12.0	16.7	18.3	93.3	8.0	35.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 17A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 1994-97 DATA
 PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	GA1	GA2	MO1	OH1	OK1	UB1	MEAN
SR 5100	93.0	70.0	69.2	88.3	78.9	98.7	83.0
BRIDGEPORT	97.7	53.3	66.7	93.3	77.2	99.0	81.2
BRITTANY	96.3	40.0	70.8	95.0	73.9	99.0	79.2
SANDPIPER (PRO 92/20)	95.0	38.3	70.8	90.0	75.6	98.7	78.1
TMI-3CE	94.7	25.0	65.8	95.3	79.7	98.0	76.4
VICTORY (E)	89.7	26.7	61.7	96.3	76.7	98.3	74.9
JAMESTOWN II	90.0	12.0	71.7	94.3	77.2	98.7	74.0
WX3-FF54	94.7	38.3	66.7	94.3	51.1	98.7	74.0
ECO (MB 63-93)	91.7	13.7	63.3	97.0	77.8	99.0	73.7
TREAZURE (ZPS-MG)	95.0	22.0	67.5	95.7	63.9	98.3	73.7
WX3-FFG6	93.3	20.0	61.7	97.3	71.7	98.0	73.7
BANNER III (MB 61-93)	90.0	18.3	61.7	93.3	79.4	98.7	73.6
VICTORY II (PICK 4-91W)	93.3	3.7	67.5	97.0	76.1	99.0	72.8
TIFFANY	88.3	6.7	73.3	93.3	75.0	98.7	72.6
NJ F-93	90.0	15.3	60.0	92.7	77.2	98.7	72.3
BANNER II	88.3	7.3	70.8	97.0	58.3	98.7	70.1
SHADOW II (PST-44D)	93.3	8.3	62.5	97.0	59.4	99.0	69.9
K-2 (MB 65-93)	85.0	13.3	62.5	96.0	62.8	98.7	69.7
SHADOW (E)	90.0	0.0	61.7	93.7	70.6	98.0	69.0
ISI-FC-62	66.7	20.0	64.2	90.0	71.1	97.0	68.2
JAMESTOWN	78.3	11.7	70.8	92.7	50.0	95.0	66.4
DARWIN	86.3	0.3	67.5	90.0	52.8	95.7	65.4
CULMBRA (MB 64-93)	58.3	8.3	60.0	95.7	68.9	98.7	65.0
DISCOVERY	94.7	10.0	59.2	96.0	31.1	98.7	64.9
PST-4ST	63.3	0.0	72.5	95.0	59.7	98.3	64.8
MOLINDA	75.0	0.0	59.2	88.3	66.1	96.3	64.2
MB 66-93	73.3	0.0	61.7	93.0	60.0	96.7	64.1
MEDINA	73.3	0.0	65.0	91.0	58.9	93.3	63.6
FLYER II (ZPS-4BN)	55.0	0.0	72.5	86.7	64.4	97.7	62.7
JASPER (E)	46.7	0.0	62.5	96.0	72.8	97.0	62.5
SPARTAN	97.7	13.3	64.2	97.3	3.4	99.0	62.5
DEFIANT (MB 81-93)	93.3	0.0	64.2	96.0	17.4	99.0	61.7
NORDIC	88.0	5.0	61.7	98.0	16.8	99.0	61.4
FLORENTINE (PST-4VB ENDO.)	41.7	0.0	64.2	88.3	74.4	98.3	61.2
OSPREY (PRO 92/24)	96.3	8.7	57.5	97.7	6.3	98.7	60.9
BAR UR 204	58.3	0.3	58.3	94.3	66.1	85.0	60.4
PST-4DT	40.7	0.0	64.2	88.3	71.1	98.0	60.4
SR 3100	95.0	7.0	61.7	97.0	2.2	99.0	60.3
ECOSTAR	94.7	0.7	58.3	96.3	11.8	98.7	60.1
CASCADE	56.7	2.0	62.5	96.3	48.9	93.3	60.0
MB 82-93	63.3	7.0	60.8	94.7	32.8	98.7	59.5
CAS-FR13	46.7	0.0	67.5	94.3	56.1	92.7	59.5
VERNON (MB 83-93)	93.3	2.0	60.8	98.0	4.8	98.0	59.5
AURORA W/ENDO.	96.0	0.3	59.2	92.7	6.9	99.0	59.0
RELIANT II	76.0	1.7	60.0	93.3	22.8	99.0	58.8
ARUBA	33.3	0.0	63.3	95.3	62.2	93.3	57.9
FLYER	31.7	0.0	65.0	96.0	60.6	92.3	57.6
SHADEMASTER II	20.0	0.0	77.5	90.0	57.2	97.7	57.1

TABLE 17A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF FINELEAF FESCUE CULTIVARS
(CONT'D)

1994-97 DATA
PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS

NAME	GA1	GA2	MO1	OH1	OK1	UB1	MEAN
BRIGADE	71.7	15.0	54.2	94.0	6.9	98.7	56.7
QUATRO (FO 143)	68.0	0.7	59.2	95.7	17.9	99.0	56.7
PAMELA	78.3	1.7	57.5	92.7	11.8	98.0	56.7
SILVERLAWN (WVPB-STCR-101)	31.7	0.0	61.7	95.3	60.0	78.3	54.5
DAWSON	28.3	0.0	47.5	96.0	60.6	86.7	53.2
SCALDIS	66.7	0.3	52.5	97.0	1.2	98.0	52.6
SEABREEZE	21.7	0.0	52.5	98.0	52.2	90.0	52.4
RONDO	16.7	0.0	46.7	92.7	60.0	86.7	50.4
BAR FRR 4ZBD	13.3	0.0	55.0	95.3	55.0	83.3	50.3
67135	34.0	0.0	60.0	94.3	21.4	83.3	48.9
COMMON CREEPING	10.0	0.0	58.3	86.7	40.0	70.0	44.2
LSD VALUE	31.5	19.7	21.8	6.7	17.4	5.3	8.9
C.V. (%)	27.6	131.6	30.5	4.4	36.4	3.5	25.8

TABLE 17B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	GA1	GA2	MO1	OH1	OK1	UB1	MEAN
DAWSON	28.3	0	47.5	96.0	60.6	86.7	53.2
SEABREEZE	21.7	0	52.5	98.0	52.2	90.0	52.4
LSD VALUE	14.7	0	37.7	2.0	16.1	6.6	10.5
C.V. (%)	36.5	.	66.3	1.3	30.8	4.6	37.2

TABLE 17C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	GA1	GA2	MO1	OH1	OK1	UB1	MEAN
QUATRO (FO 143)	68.0	0.7	59.2	95.7	17.9	99.0	56.7
67135	34.0	0.0	60.0	94.3	21.4	83.3	48.9
LSD VALUE	57.4	1.3	24.7	5.2	27.6	3.3	12.8
C.V. (%)	69.9	244.9	36.5	3.4	151.3	2.2	45.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 17D. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	GA1	GA2	MO1	OH1	OK1	UB1	MEAN
SR 5100	93.0	70.0	69.2	88.3	78.9	98.7	83.0
BRIDGEPORT	97.7	53.3	66.7	93.3	77.2	99.0	81.2
BRITTANY	96.3	40.0	70.8	95.0	73.9	99.0	79.2
SANDPIPER (PRO 92/20)	95.0	38.3	70.8	90.0	75.6	98.7	78.1
TMI-3CE	94.7	25.0	65.8	95.3	79.7	98.0	76.4
VICTORY (E)	89.7	26.7	61.7	96.3	76.7	98.3	74.9
JAMESTOWN II	90.0	12.0	71.7	94.3	77.2	98.7	74.0
WX3-FF54	94.7	38.3	66.7	94.3	51.1	98.7	74.0
ECO (MB 63-93)	91.7	13.7	63.3	97.0	77.8	99.0	73.7
TREAZURE (ZPS-MG)	95.0	22.0	67.5	95.7	63.9	98.3	73.7
BANNER III (MB 61-93)	90.0	18.3	61.7	93.3	79.4	98.7	73.6
VICTORY II (PICK 4-91W)	93.3	3.7	67.5	97.0	76.1	99.0	72.8
TIFFANY	88.3	6.7	73.3	93.3	75.0	98.7	72.6
NJ F-93	90.0	15.3	60.0	92.7	77.2	98.7	72.3
BANNER II	88.3	7.3	70.8	97.0	58.3	98.7	70.1
SHADOW II (PST-44D)	93.3	8.3	62.5	97.0	59.4	99.0	69.9
K-2 (MB 65-93)	85.0	13.3	62.5	96.0	62.8	98.7	69.7
SHADOW (E)	90.0	0.0	61.7	93.7	70.6	98.0	69.0
ISI-FC-62	66.7	20.0	64.2	90.0	71.1	97.0	68.2
JAMESTOWN	78.3	11.7	70.8	92.7	50.0	95.0	66.4
DARWIN	86.3	0.3	67.5	90.0	52.8	95.7	65.4
CULUMBRA (MB 64-93)	58.3	8.3	60.0	95.7	68.9	98.7	65.0
MOLINDA	75.0	0.0	59.2	88.3	66.1	96.3	64.2
MB 66-93	73.3	0.0	61.7	93.0	60.0	96.7	64.1
MEDINA	73.3	0.0	65.0	91.0	58.9	93.3	63.6
CASCADE	56.7	2.0	62.5	96.3	48.9	93.3	60.0
LSD VALUE	20.8	27.1	18.2	6.6	16.0	1.7	7.9
C.V. (%)	15.1	96.3	24.4	4.4	25.4	1.1	20.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 17E. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	GA1	GA2	MO1	OH1	OK1	UB1	MEAN
WX3-FFG6	93.3	20.0	61.7	97.3	71.7	98.0	73.7
PST-4ST	63.3	0.0	72.5	95.0	59.7	98.3	64.8
FLYER II (ZPS-4BN)	55.0	0.0	72.5	86.7	64.4	97.7	62.7
JASPER (E)	46.7	0.0	62.5	96.0	72.8	97.0	62.5
FLORENTINE (PST-4VB ENDO.)	41.7	0.0	64.2	88.3	74.4	98.3	61.2
BAR UR 204	58.3	0.3	58.3	94.3	66.1	85.0	60.4
PST-4DT	40.7	0.0	64.2	88.3	71.1	98.0	60.4
CAS-FRL3	46.7	0.0	67.5	94.3	56.1	92.7	59.5
ARUBA	33.3	0.0	63.3	95.3	62.2	93.3	57.9
FLYER	31.7	0.0	65.0	96.0	60.6	92.3	57.6
SHADEMASTER II	20.0	0.0	77.5	90.0	57.2	97.7	57.1
SILVERLAWN (WVPB-STCR-101)	31.7	0.0	61.7	95.3	60.0	78.3	54.5
RONDO	16.7	0.0	46.7	92.7	60.0	86.7	50.4
BAR FRR 4ZBD	13.3	0.0	55.0	95.3	55.0	83.3	50.3
COMMON CREEPING	10.0	0.0	58.3	86.7	40.0	70.0	44.2
LSD VALUE	35.4	10.8	20.3	8.4	19.8	10.0	9.4
C.V. (%)	54.8	495.0	28.2	5.6	34.3	6.8	29.9

TABLE 17F. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	GA1	GA2	MO1	OH1	OK1	UB1	MEAN
DISCOVERY	94.7	10.0	59.2	96.0	31.1	98.7	64.9
SPARTAN	97.7	13.3	64.2	97.3	3.4	99.0	62.5
DEFIANT (MB 81-93)	93.3	0.0	64.2	96.0	17.4	99.0	61.7
NORDIC	88.0	5.0	61.7	98.0	16.8	99.0	61.4
OSPREY (PRO 92/24)	96.3	8.7	57.5	97.7	6.3	98.7	60.9
SR 3100	95.0	7.0	61.7	97.0	2.2	99.0	60.3
ECOSTAR	94.7	0.7	58.3	96.3	11.8	98.7	60.1
MB 82-93	63.3	7.0	60.8	94.7	32.8	98.7	59.5
VERNON (MB 83-93)	93.3	2.0	60.8	98.0	4.8	98.0	59.5
AURORA W/ENDO.	96.0	0.3	59.2	92.7	6.9	99.0	59.0
RELIANT II	76.0	1.7	60.0	93.3	22.8	99.0	58.8
BRIGADE	71.7	15.0	54.2	94.0	6.9	98.7	56.7
PAMELA	78.3	1.7	57.5	92.7	11.8	98.0	56.7
SCALDIS	66.7	0.3	52.5	97.0	1.2	98.0	52.6
LSD VALUE	39.2	11.9	25.5	5.3	15.1	1.0	9.0
C.V. (%)	28.3	142.3	37.7	3.5	129.4	0.6	28.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 18A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 1994-97 DATA
 PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	GA1	GA2	MD2	MO1	NJ2	OH1	OK1	MEAN
SR 5100	67.5	44.2	99.0	76.7	85.0	66.7	81.9	74.4
BRIDGEPORT	72.5	42.5	99.0	78.3	83.3	55.0	75.3	72.3
BRITTANY	75.8	29.7	99.0	71.7	80.0	50.0	77.1	69.0
VICTORY II (PICK 4-91W)	70.8	19.3	99.0	81.7	73.3	65.0	73.8	69.0
BANNER III (MB 61-93)	57.5	23.0	97.7	66.7	85.0	60.0	82.3	67.5
SANDPIPER (PRO 92/20)	73.3	33.0	99.0	76.7	80.0	30.0	71.1	66.2
FLORENTINE (PST-4VB ENDO.)	46.7	1.8	99.0	68.3	90.0	76.7	77.3	65.7
WX3-FFG6	71.7	22.5	99.0	70.0	86.7	35.0	74.1	65.6
PST-4ST	53.3	2.7	93.0	78.3	85.0	82.7	62.8	65.4
JAMESTOWN II	57.5	22.7	97.7	75.0	80.0	46.7	77.0	65.2
NJ F-93	60.8	31.3	97.7	78.3	76.7	38.3	72.5	65.1
JASPER (E)	46.7	4.7	91.0	75.0	91.7	70.0	76.4	65.1
SR 3100	78.3	19.5	99.0	70.0	83.3	84.3	20.4	65.0
DISCOVERY	66.7	12.2	99.0	78.3	76.7	85.0	36.8	65.0
TMI-3CE	70.8	23.5	99.0	73.3	70.0	40.0	73.2	64.3
MB 82-93	52.5	22.0	96.3	71.7	83.3	78.3	40.8	63.6
SHADOW II (PST-44D)	70.8	22.2	99.0	76.7	90.0	20.0	64.6	63.3
CULUMBRA (MB 64-93)	48.3	24.7	96.3	76.7	73.3	41.7	80.3	63.0
TIFFANY	68.3	16.3	96.0	80.0	81.7	20.0	74.7	62.4
SHADEMASTER II	28.3	1.7	99.0	71.7	83.3	86.7	65.4	62.3
FLYER II (ZFS-4BN)	49.2	1.2	94.3	75.0	80.0	68.3	67.8	62.3
WX3-FF54	73.3	30.3	97.7	70.0	56.7	48.3	57.4	62.0
TREAZURE (ZFS-MG)	66.7	20.2	99.0	71.7	70.0	46.7	58.6	61.8
PST-4DT	31.7	1.8	94.7	75.0	86.7	65.0	76.5	61.6
BANNER II	59.2	18.7	97.7	68.3	81.7	41.7	63.3	61.5
SHADOW (E)	66.7	13.0	97.7	70.0	75.0	33.3	72.4	61.2
VICTORY (E)	62.5	26.7	99.0	75.0	75.0	6.7	79.0	60.5
ECOSTAR	67.5	11.3	99.0	81.7	53.3	92.7	17.9	60.5
NORDIC	60.8	10.5	97.7	76.7	68.3	78.3	28.8	60.2
RELIANT II	55.0	15.2	99.0	68.3	68.3	80.0	34.6	60.1
ECO (MB 63-93)	65.8	27.2	97.7	65.0	55.0	31.7	77.9	60.0
ISI-FC-62	51.7	31.7	99.0	66.7	80.0	15.0	71.9	59.4
SPARTAN	73.3	22.7	99.0	66.7	55.0	90.0	7.1	59.1
DEFIANT (MB 81-93)	67.5	16.0	99.0	71.7	80.0	50.0	28.8	59.0
FLYER	22.5	2.0	89.3	73.3	83.3	78.3	63.3	58.9
VERNON (MB 83-93)	63.3	17.2	96.0	76.7	61.7	80.0	16.8	58.8
BRIGADE	50.0	17.8	97.7	76.7	65.0	83.3	13.2	57.7
AURORA W/ENDO.	75.8	11.0	99.0	68.3	55.0	78.3	15.5	57.6
SCALDIS	45.0	10.2	99.0	80.0	68.3	83.3	8.5	56.3
QUATRO (FO 143)	45.8	12.5	99.0	66.7	60.0	91.0	18.4	56.2
ARUBA	27.5	1.2	88.0	68.3	68.3	75.0	57.8	55.2
CAS-FR13	27.5	1.2	94.7	68.3	85.0	50.0	58.8	55.1
OSPREY (PRO 92/24)	70.0	15.0	99.0	70.0	61.7	55.0	12.9	54.8
SILVERLAWN (WVPB-STCR-101)	17.5	2.8	94.7	66.7	70.0	65.0	64.5	54.5
JAMESTOWN	45.8	17.8	97.7	68.3	78.3	11.7	55.4	53.6
BAR UR 204	27.5	0.5	91.3	73.3	75.0	31.7	70.2	52.8
K-2 (MB 65-93)	53.3	20.8	99.0	70.0	38.3	15.0	72.8	52.8
RONDO	25.8	0.5	84.7	76.7	70.0	50.0	57.9	52.2

TABLE 18A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF FINELEAF FESCUE CULTIVARS
(CONT'D)

1994-97 DATA								
PERCENT LIVING GROUND COVER IN FALL: LOCATIONS								
NAME	GA1	GA2	MD2	MO1	NJ2	OH1	OK1	MEAN
PAMELA	47.8	5.2	96.3	75.0	43.3	78.3	16.4	51.8
MOLINDA	49.2	10.2	94.7	63.3	51.7	18.3	69.2	50.9
DARWIN	47.5	14.7	96.3	70.0	56.7	0.0	47.5	47.5
SEABREEZE	30.0	4.5	61.7	75.0	73.3	43.3	43.3	47.3
MB 66-93	52.5	9.5	94.7	68.3	30.0	11.7	63.8	47.2
DAWSON	35.0	1.8	68.3	75.0	60.0	33.3	55.4	47.0
CASCADE	32.5	14.2	96.3	70.0	45.0	16.7	51.1	46.5
MEDINA	37.5	5.8	93.0	75.0	53.3	7.3	53.8	46.5
BAR FRR 4ZBD	7.5	1.2	65.0	71.7	71.7	26.7	54.8	42.6
COMMON CREEPING 67135	10.0	0.7	66.7	68.3	66.7	25.0	42.5	40.0
	19.2	0.5	20.0	63.3	73.3	6.7	12.7	28.0
LSD VALUE	21.3	19.0	15.2	11.2	28.6	31.1	20.2	9.3
C.V. (%)	36.1	114.1	10.1	9.6	25.0	38.1	46.4	34.5

TABLE 18B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/								
NAME	GA1	GA2	MD2	MO1	NJ2	OH1	OK1	MEAN
SEABREEZE	30.0	4.5	61.7	75.0	73.3	43.3	43.3	47.3
DAWSON	35.0	1.8	68.3	75.0	60.0	33.3	55.4	47.0
LSD VALUE	19.5	4.2	48.1	11.4	23.0	29.9	19.0	8.9
C.V. (%)	52.8	116.6	46.0	9.4	21.4	48.5	48.0	40.7

TABLE 18C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/								
NAME	GA1	GA2	MD2	MO1	NJ2	OH1	OK1	MEAN
QUATRO (FO 143)	45.8	12.5	99.0	66.7	60.0	91.0	18.4	56.2
67135	19.2	0.5	20.0	63.3	73.3	6.7	12.7	28.0
LSD VALUE	27.1	11.9	5.7	13.5	48.0	6.9	17.5	8.9
C.V. (%)	73.4	160.5	5.9	12.9	44.8	8.7	140.3	45.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 18D. PERCENT LIVING GROUND COVER (FALL) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 1994-97 DATA
 PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	GA1	GA2	MD2	MO1	NJ2	OH1	OK1	MEAN
SR 5100	67.5	44.2	99.0	76.7	85.0	66.7	81.9	74.4
BRIDGEPORT	72.5	42.5	99.0	78.3	83.3	55.0	75.3	72.3
BRITTANY	75.8	29.7	99.0	71.7	80.0	50.0	77.1	69.0
VICTORY II (PICK 4-91W)	70.8	19.3	99.0	81.7	73.3	65.0	73.8	69.0
BANNER III (MB 61-93)	57.5	23.0	97.7	66.7	85.0	60.0	82.3	67.5
SANDPIPER (PRO 92/20)	73.3	33.0	99.0	76.7	80.0	30.0	71.1	66.2
JAMESTOWN II	57.5	22.7	97.7	75.0	80.0	46.7	77.0	65.2
NJ F-93	60.8	31.3	97.7	78.3	76.7	38.3	72.5	65.1
TMI-3CE	70.8	23.5	99.0	73.3	70.0	40.0	73.2	64.3
SHADOW II (PST-44D)	70.8	22.2	99.0	76.7	90.0	20.0	64.6	63.3
CULUMERA (MB 64-93)	48.3	24.7	96.3	76.7	73.3	41.7	80.3	63.0
TIFFANY	68.3	16.3	96.0	80.0	81.7	20.0	74.7	62.4
WX3-FE54	73.3	30.3	97.7	70.0	56.7	48.3	57.4	62.0
TREAZURE (ZPS-MG)	66.7	20.2	99.0	71.7	70.0	46.7	58.6	61.8
BANNER II	59.2	18.7	97.7	68.3	81.7	41.7	63.3	61.5
SHADOW (E)	66.7	13.0	97.7	70.0	75.0	33.3	72.4	61.2
VICTORY (E)	62.5	26.7	99.0	75.0	75.0	6.7	79.0	60.5
ECO (MB 63-93)	65.8	27.2	97.7	65.0	55.0	31.7	77.9	60.0
ISI-FC-62	51.7	31.7	99.0	66.7	80.0	15.0	71.9	59.4
JAMESTOWN	45.8	17.8	97.7	68.3	78.3	11.7	55.4	53.6
K-2 (MB 65-93)	53.3	20.8	99.0	70.0	38.3	15.0	72.8	52.8
MOLINDA	49.2	10.2	94.7	63.3	51.7	18.3	69.2	50.9
DARWIN	47.5	14.7	96.3	70.0	56.7	0.0	47.5	47.5
MB 66-93	52.5	9.5	94.7	68.3	30.0	11.7	63.8	47.2
CASCADE	32.5	14.2	96.3	70.0	45.0	16.7	51.1	46.5
MEDINA	37.5	5.8	93.0	75.0	53.3	7.3	53.8	46.5
LSD VALUE	18.0	23.7	3.9	9.5	31.5	35.8	19.2	9.2
C.V. (%)	26.4	91.5	2.5	8.2	28.2	69.1	34.5	32.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 18E. PERCENT LIVING GROUND COVER (FALL) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	GA1	GA2	MD2	MO1	NJ2	OH1	OK1	MEAN
FLORENTINE (PST-4VB ENDO.)	46.7	1.8	99.0	68.3	90.0	76.7	77.3	65.7
WX3-FFG6	71.7	22.5	99.0	70.0	86.7	35.0	74.1	65.6
PST-4ST	53.3	2.7	93.0	78.3	85.0	82.7	62.8	65.4
JASPER (E)	46.7	4.7	91.0	75.0	91.7	70.0	76.4	65.1
SHADEMASTER II	28.3	1.7	99.0	71.7	83.3	86.7	65.4	62.3
FLYER II (ZPS-4BN)	49.2	1.2	94.3	75.0	80.0	68.3	67.8	62.3
PST-4DT	31.7	1.8	94.7	75.0	86.7	65.0	76.5	61.6
FLYER	22.5	2.0	89.3	73.3	83.3	78.3	63.3	58.9
ARUBA	27.5	1.2	88.0	68.3	68.3	75.0	57.8	55.2
CAS-FR13	27.5	1.2	94.7	68.3	85.0	50.0	58.8	55.1
SILVERLAWN (WVPB-STCR-101)	17.5	2.8	94.7	66.7	70.0	65.0	64.5	54.5
BAR UR 204	27.5	0.5	91.3	73.3	75.0	31.7	70.2	52.8
RONDO	25.8	0.5	84.7	76.7	70.0	50.0	57.9	52.2
BAR FRR 4ZBD	7.5	1.2	65.0	71.7	71.7	26.7	54.8	42.6
COMMON CREEPING	10.0	0.7	66.7	68.3	66.7	25.0	42.5	40.0
LSD VALUE	15.9	6.1	23.7	10.9	17.1	28.7	21.8	8.9
C.V. (%)	42.5	174.8	16.5	9.4	13.3	30.2	42.0	33.4

TABLE 18F. PERCENT LIVING GROUND COVER (FALL) RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	GA1	GA2	MD2	MO1	NJ2	OH1	OK1	MEAN
SR 3100	78.3	19.5	99.0	70.0	83.3	84.3	20.4	65.0
DISCOVERY	66.7	12.2	99.0	78.3	76.7	85.0	36.8	65.0
MB 82-93	52.5	22.0	96.3	71.7	83.3	78.3	40.8	63.6
ECOSTAR	67.5	11.3	99.0	81.7	53.3	92.7	17.9	60.5
NORDIC	60.8	10.5	97.7	76.7	68.3	78.3	28.8	60.2
RELIANT II	55.0	15.2	99.0	68.3	68.3	80.0	34.6	60.1
SPARTAN	73.3	22.7	99.0	66.7	55.0	90.0	7.1	59.1
DEFIANT (MB 81-93)	67.5	16.0	99.0	71.7	80.0	50.0	28.8	59.0
VERNON (MB 83-93)	63.3	17.2	96.0	76.7	61.7	80.0	16.8	58.8
BRIGADE	50.0	17.8	97.7	76.7	65.0	83.3	13.2	57.7
AURORA W/ENDO.	75.8	11.0	99.0	68.3	55.0	78.3	15.5	57.6
SCALDIS	45.0	10.2	99.0	80.0	68.3	83.3	8.5	56.3
OSPREY (PRO 92/24)	70.0	15.0	99.0	70.0	61.7	55.0	12.9	54.8
PAMELA	47.8	5.2	96.3	75.0	43.3	78.3	16.4	51.8
LSD VALUE	29.6	20.3	3.0	13.8	29.6	26.2	20.8	10.1
C.V. (%)	41.7	121.7	1.9	11.7	27.9	20.8	121.0	36.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 19A. FROST TOLERANCE RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	OK1	NAME	OK1
QUATRO (FO 143)	6.7	JAMESTOWN	5.0
PAMELA	6.3	NORDIC	5.0
AURORA W/ENDO.	6.0	RONDO	5.0
CAS-FR13	6.0	SHADOW II (PST-44D)	5.0
DAWSON	6.0	SR 5100	5.0
DEFIANT (MB 81-93)	6.0	TIFFANY	5.0
ECO (MB 63-93)	6.0	TREAZURE (ZPS-MG)	5.0
ECOSTAR	6.0	VICTORY II (PICK 4-91W)	5.0
OSPREY (PRO 92/24)	6.0	WX3-FF54	5.0
RELIANT II	6.0	CASCADE	4.7
SEABREEZE	6.0	DARWIN	4.7
SILVERLAWN (WVPB-STCR-101)	6.0	FLYER	4.7
SEARTAN	6.0	ISI-FC-62	4.7
67135	5.7	JAMESTOWN II	4.7
BANNER III (MB 61-93)	5.7	MEDINA	4.7
BRIGADE	5.7	NJ F-93	4.7
DISCOVERY	5.7	SHADEMASTER II	4.7
JASPER (E)	5.7	SR 3100	4.7
MB 66-93	5.7	TMI-3CE	4.7
MB 82-93	5.7	VICTORY (E)	4.7
MOLINDA	5.7	WX3-FFG6	4.7
PST-4ST	5.7	BAR FRR 4ZBD	4.3
SCALDIS	5.7	COMMON CREEPING	4.3
VERNON (MB 83-93)	5.7	FLORENTINE (PST-4VB ENDO.)	4.3
BAR UR 204	5.3	SHADOW (E)	4.3
K-2 (MB 65-93)	5.3	ARUBA	4.0
PST-4DT	5.3	BANNER II	4.0
SANDPIPER (PRO 92/20)	5.3	FLYER II (ZPS-4BN)	4.0
BRIDGEPORT	5.0		
BRITTANY	5.0	LSD VALUE	1.1
CULUMBRA (MB 64-93)	5.0	C.V. (%)	12.7

TABLE 19B. FROST TOLERANCE RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	OK1
DAWSON	6
SEABREEZE	6
LSD VALUE	0
C.V. (%)	0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ FROST TOLERANCE RATED IN 1994.

TABLE 19C. FROST TOLERANCE RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA
FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	OK1
QUATRO (FO 143)	6.7
67135	5.7
LSD VALUE	1.5
C.V. (%)	14.8

TABLE 19D. FROST TOLERANCE RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA
FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	OK1
ECO (MB 63-93)	6.0
BANNER III (MB 61-93)	5.7
MB 66-93	5.7
MOLINDA	5.7
K-2 (MB 65-93)	5.3
SANDPIPER (PRO 92/20)	5.3
BRIDGEPORT	5.0
BRITTANY	5.0
CULUMBRA (MB 64-93)	5.0
JAMESTOWN	5.0
SHADOW II (PST-44D)	5.0
SR 5100	5.0
TIFFANY	5.0
TREAZURE (ZPS-MG)	5.0
VICTORY II (PICK 4-91W)	5.0
WX3-FF54	5.0
CASCADE	4.7
DARWIN	4.7
ISI-FC-62	4.7
JAMESTOWN II	4.7
MEDINA	4.7
NJ F-93	4.7
TMI-3CE	4.7
VICTORY (E)	4.7
SHADOW (E)	4.3
BANNER II	4.0
LSD VALUE	0.9
C.V. (%)	11.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ FROST TOLERANCE RATED IN 1994.

TABLE 19E. FROST TOLERANCE RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	OK1
CAS-FR13	6.0
SILVERLAWN (WVPB-STCR-101)	6.0
JASPER (E)	5.7
EST-4ST	5.7
BAR UR 204	5.3
EST-4DT	5.3
RONDO	5.0
FLYER	4.7
SHADEMASTER II	4.7
WX3-FFG6	4.7
BAR FRR 4ZBD	4.3
COMMON CREEPING	4.3
FLORENTINE (PST-4VB ENDO.)	4.3
ARUBA	4.0
FLYER II (ZPS-4BN)	4.0
LSD VALUE	1.4
C.V. (%)	17.6

TABLE 19F. FROST TOLERANCE RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	OK1
PAMELA	6.3
AURORA W/ENDO.	6.0
DEFIANT (MB 81-93)	6.0
ECOSTAR	6.0
OSPREY (PRO 92/24)	6.0
RELIANT II	6.0
SPARTAN	6.0
BRIGADE	5.7
DISCOVERY	5.7
MB 82-93	5.7
SCALDIS	5.7
VERNON (MB 83-93)	5.7
NORDIC	5.0
SR 3100	4.7
LSD VALUE	0.9
C.V. (%)	9.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ FROST TOLERANCE RATED IN 1994.

TABLE 20A. WINTER COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/ 2/
1994-97 DATA
WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	OK1	NAME	OK1
PAMELA	3.8	RONDO	3.0
QUATRO (FO 143)	3.8	SHADOW (E)	3.0
SEABREEZE	3.8	TIFFANY	3.0
BAR FRR 4ZBD	3.7	67135	2.8
MOLINDA	3.7	BAR UR 204	2.8
ECO (MB 63-93)	3.5	CAS-FR13	2.8
FLYER	3.5	CASCADE	2.8
OSPREY (PRO 92/24)	3.5	COMMON CREEPING	2.8
SPARTAN	3.5	JAMESTOWN	2.8
VERNON (MB 83-93)	3.5	PST-4ST	2.8
DAWSON	3.3	SHADOW II (PST-44D)	2.8
DEFIANT (MB 81-93)	3.3	SILVERLAWN (WVPB-STCR-101)	2.8
DISCOVERY	3.3	TMI-3CE	2.8
ECOSTAR	3.3	TREAZURE (ZPS-MG)	2.8
MB 66-93	3.3	BANNER II	2.7
NJ F-93	3.3	BANNER III (MB 61-93)	2.7
SHADEMASTER II	3.3	DARWIN	2.7
AURORA W/ENDO.	3.2	FLORENTINE (PST-4VB ENDO.)	2.7
BRIDGEPORT	3.2	ISI-FC-62	2.7
MB 82-93	3.2	JAMESTOWN II	2.7
NORDIC	3.2	PST-4DT	2.7
RELIANT II	3.2	VICTORY (E)	2.7
SCALDIS	3.2	WX3-FFG6	2.7
SR 3100	3.2	ARUBA	2.5
WX3-FF54	3.2	JASPER (E)	2.5
BRIGADE	3.0	SANDPIPER (PRO 92/20)	2.5
BRITTANY	3.0	SR 5100	2.5
CULMBRA (MB 64-93)	3.0	VICTORY II (PICK 4-91W)	2.5
FLYER II (ZPS-4BN)	3.0		
K-2 (MB 65-93)	3.0	LSD VALUE	0.7
MEDINA	3.0	C.V. (%)	20.2

TABLE 20B. WINTER COLOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	OK1
SEABREEZE	3.8
DAWSON	3.3
LSD VALUE	0.5
C.V. (%)	13.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ WINTER COLOR RATED IN 1994 AND 1995.

TABLE 20C. WINTER COLOR RATINGS OF SHEEP FESCUE CULTIVARS 1/ 2/
 1994-97 DATA
 WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	OK1
QUATRO (FO 143)	3.8
67135	2.8
LSD VALUE	1.0
C.V. (%)	26.3

TABLE 20D. WINTER COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 1994-97 DATA
 WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	OK1
MOLINDA	3.7
ECO (MB 63-93)	3.5
MB 66-93	3.3
NJ F-93	3.3
BRIDGEPORT	3.2
WX3-FF54	3.2
BRITTANY	3.0
CULUMBRA (MB 64-93)	3.0
K-2 (MB 65-93)	3.0
MEDINA	3.0
SHADOW (E)	3.0
TIFFANY	3.0
CASCADE	2.8
JAMESTOWN	2.8
SHADOW II (PST-44D)	2.8
TMI-3CE	2.8
TREAZURE (ZPS-MG)	2.8
BANNER II	2.7
BANNER III (MB 61-93)	2.7
DARWIN	2.7
ISI-FC-62	2.7
JAMESTOWN II	2.7
VICTORY (E)	2.7
SANDPIPER (PRO 92/20)	2.5
SR 5100	2.5
VICTORY II (PICK 4-91W)	2.5
LSD VALUE	0.7
C.V. (%)	21.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ WINTER COLOR RATED IN 1994 AND 1995.

TABLE 20E. WINTER COLOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 1994-97 DATA
 WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	OK1
BAR FRR 4ZBD	3.7
FLYER	3.5
SHADEMASTER II	3.3
FLYER II (ZPS-4BN)	3.0
RONDO	3.0
BAR UR 204	2.8
CAS-FR13	2.8
COMMON CREEPING	2.8
PST-4ST	2.8
SILVERLAWN (WVPB-STCR-101)	2.8
FLORENTINE (PST-4VB ENDO.)	2.7
PST-4DT	2.7
WX3-FFG6	2.7
ARUBA	2.5
JASPER (E)	2.5
LSD VALUE	0.7
C.V. (%)	20.0

TABLE 20F. WINTER COLOR RATINGS OF HARD FESCUE CULTIVARS 1/ 2/
 1994-97 DATA
 WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 3/

NAME	OK1
PAMELA	3.8
OSPREY (PRO 92/24)	3.5
SPARTAN	3.5
VERNON (MB 83-93)	3.5
DEFIANT (MB 81-93)	3.3
DISCOVERY	3.3
ECOSTAR	3.3
AURORA W/ENDO.	3.2
MB 82-93	3.2
NORDIC	3.2
RELIANT II	3.2
SCALDIS	3.2
SR 3100	3.2
BRIGADE	3.0
LSD VALUE	0.7
C.V. (%)	18.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ WINTER COLOR RATED IN 1994 AND 1995.

TABLE 21A. DROUGHT TOLERANCE (WILTING) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 1994-97 DATA
 DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/ 3/

NAME	MO1	NAME	MO1
K-2 (MB 65-93)	8.7	VICTORY (E)	7.7
PST-4DT	8.7	AURORA W/ENDO.	7.3
RONDO	8.7	ISI-FC-62	7.3
SHADOW II (PST-44D)	8.7	SILVERLAWN (WVPB-STCR-101)	7.3
MB 66-93	8.3	TMI-3CE	7.3
NJ F-93	8.3	TREAZURE (ZPS-MG)	7.3
SHADEMASTER II	8.3	BRIGADE	7.0
SHADOW (E)	8.3	ECO (MB 63-93)	7.0
WX3-FFG6	8.3	FLYER	7.0
BANNER III (MB 61-93)	8.0	JAMESTOWN II	7.0
BRIDGEPORT	8.0	MB 82-93	7.0
FLORENTINE (PST-4VB ENDO.)	8.0	ARUBA	6.7
PST-4ST	8.0	ECOSTAR	6.7
SEABREEZE	8.0	MOLINDA	6.7
SR 5100	8.0	NORDIC	6.7
TIFFANY	8.0	PAMELA	6.7
VICTORY II (PICK 4-91W)	8.0	BAR UR 204	6.3
WX3-FF54	8.0	CASCADE	6.3
BANNER II	7.7	DISCOVERY	6.3
BAR FR 4ZBD	7.7	RELIANT II	6.3
BRITTANY	7.7	SCALDIS	6.3
CAS-FR13	7.7	VERNON (MB 83-93)	6.3
COMMON CREEPING	7.7	OSPREY (PRO 92/24)	6.0
CULUMBRA (MB 64-93)	7.7	SR 3100	6.0
DARWIN	7.7	DEFIANT (MB 81-93)	5.7
DAWSON	7.7	QUATRO (FO 143)	5.7
FLYER II (ZPS-4BN)	7.7	SPARTAN	5.7
JAMESTOWN	7.7	67135	3.0
JASPER (E)	7.7		
MEDINA	7.7	LSD VALUE	1.8
SANDPIPER (PRO 92/20)	7.7	C.V. (%)	15.0

TABLE 21B. DROUGHT TOLERANCE (WILTING) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
 1994-97 DATA
 DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/ 3/

NAME	MO1
SEABREEZE	8.0
DAWSON	7.7
LSD VALUE	0.7
C.V. (%)	5.2

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ DROUGHT TOLERANCE (WILTING) RATED IN 1994.

TABLE 21C. DROUGHT TOLERANCE (WILTING) RATINGS OF SHEEP FESCUE CULTIVARS 1/
 1994-97 DATA
 DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/ 3/

NAME	MO1
QUATRO (FO 143)	5.7
67135	3.0
LSD VALUE	2.6
C.V. (%)	37.7

TABLE 21D. DROUGHT TOLERANCE (WILTING) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 1994-97 DATA
 DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/ 3/

NAME	MO1
K-2 (MB 65-93)	8.7
SHADOW II (PST-44D)	8.7
MB 66-93	8.3
NJ F-93	8.3
SHADOW (E)	8.3
BANNER III (MB 61-93)	8.0
BRIDGEPORT	8.0
SR 5100	8.0
TIFFANY	8.0
VICTORY II (PICK 4-91W)	8.0
WX3-FF54	8.0
BANNER II	7.7
BRITTANY	7.7
CULUMBRA (MB 64-93)	7.7
DARWIN	7.7
JAMESTOWN	7.7
MEDINA	7.7
SANDPIPER (PRO 92/20)	7.7
VICTORY (E)	7.7
ISI-FC-62	7.3
TMI-3CE	7.3
TREAZURE (ZPS-MG)	7.3
ECO (MB 63-93)	7.0
JAMESTOWN II	7.0
MOLINDA	6.7
CASCADE	6.3
LSD VALUE	1.0
C.V. (%)	8.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DROUGHT TOLERANCE (WILTING) RATED IN 1994.

TABLE 21E. DROUGHT TOLERANCE (WILTING) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 1994-97 DATA
 DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/ 3/

NAME	MO1
PST-4DT	8.7
PONDO	8.7
SHADEMASTER II	8.3
WX3-FFG6	8.3
FLORENTINE (PST-4VB ENDO.)	8.0
PST-4ST	8.0
BAR FRR 4ZBD	7.7
CAS-FR13	7.7
COMMON CREEPING	7.7
FLYER II (ZPS-4BN)	7.7
JASPER (E)	7.7
SILVERLAWN (WVPB-STCR-101)	7.3
FLYER	7.0
ARUBA	6.7
BAR UR 204	6.3
LSD VALUE	1.6
C.V. (%)	13.0

TABLE 21F. DROUGHT TOLERANCE (WILTING) RATINGS OF HARD FESCUE CULTIVARS 1/
 1994-97 DATA
 DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/ 3/

NAME	MO1
AURORA W/ENDO.	7.3
BRIGADE	7.0
MB 82-93	7.0
ECOSTAR	6.7
NORDIC	6.7
PAMELA	6.7
DISCOVERY	6.3
RELIANT II	6.3
SCALDIS	6.3
VERNON (MB 83-93)	6.3
OSPREY (PRO 92/24)	6.0
SR 3100	6.0
DEFIANT (MB 81-93)	5.7
SPARTAN	5.7
LSD VALUE	2.7
C.V. (%)	26.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DROUGHT TOLERANCE (WILTING) RATED IN 1994.

TABLE 22A. DROUGHT TOLERANCE (DORMANCY) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	UB1	NAME	UB1
QUATRO (FO 143)	7.8	BAR UR 204	3.7
SR 3100	7.7	BRIDGEPORT	3.7
OSPREY (PRO 92/24)	7.3	COMMON CREEPING	3.7
RELIANT II	7.0	SHADOW II (PST-44D)	3.7
BRIGADE	6.8	SILVERLAWN (WVPB-STCR-101)	3.7
DISCOVERY	6.8	SR 5100	3.7
VERNON (MB 83-93)	6.8	VICTORY II (PICK 4-91W)	3.7
ECOSTAR	6.7	BANNER III (MB 61-93)	3.5
SCALDIS	6.7	CULUMBRA (MB 64-93)	3.5
NORDIC	6.5	ISI-FC-62	3.5
DEFIANT (MB 81-93)	6.3	K-2 (MB 65-93)	3.5
AURORA W/ENDO.	6.2	MB 66-93	3.5
SPARTAN	6.0	SHADOW (E)	3.5
PAMELA	5.8	DARWIN	3.3
PST-4DT	5.3	ECO (MB 63-93)	3.3
MB 82-93	5.2	TMI-3CE	3.3
PST-4ST	5.2	WX3-FF54	3.3
RONDO	5.2	WX3-FFG6	3.3
DAWSON	4.8	NJ F-93	3.2
67135	4.7	MOLINDA	3.0
JASPER (E)	4.7	SANDPIPER (PRO 92/20)	3.0
FLYER	4.5	BANNER II	2.8
FLYER II (ZPS-4BN)	4.5	TREAZURE (ZPS-MG)	2.8
BAR FR 4ZBD	4.3	VICTORY (E)	2.8
SEABREEZE	4.3	CASCADE	2.7
ARUBA	4.2	JAMESTOWN	2.7
FLORENTINE (PST-4VB ENDO.)	4.2	MEDINA	2.7
JAMESTOWN II	4.2	TIFFANY	2.5
SHADEMASTER II	4.2		
BRITTANY	4.0	LSD VALUE	1.5
CAS-FR13	4.0	C.V. (%)	28.7

TABLE 22B. DROUGHT TOLERANCE (DORMANCY) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	UB1
DAWSON	4.8
SEABREEZE	4.3
LSD VALUE	1.9
C.V. (%)	36.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DROUGHT TOLERANCE (DORMANCY) RATED IN 1995 AND 1997.

TABLE 22C. DROUGHT TOLERANCE (DORMANCY) RATINGS OF SHEEP FESCUE CULTIVARS 1/
 1994-97 DATA
 DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	UB1
QUATRO (FO 143)	7.8
67135	4.7
LSD VALUE	1.3
C.V. (%)	17.6

TABLE 22D. DROUGHT TOLERANCE (DORMANCY) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 1994-97 DATA
 DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	UB1
JAMESTOWN II	4.2
BRITTANY	4.0
BRIDGEPORT	3.7
SHADOW II (PST-44D)	3.7
SR 5100	3.7
VICTORY II (PICK 4-91W)	3.7
BANNER III (MB 61-93)	3.5
CULUMBRA (MB 64-93)	3.5
ISI-FC-62	3.5
K-2 (MB 65-93)	3.5
MB 66-93	3.5
SHADOW (E)	3.5
DARWIN	3.3
ECO (MB 63-93)	3.3
TMI-3CE	3.3
WX3-FF54	3.3
NJ F-93	3.2
MOLINDA	3.0
SANDPIPER (PRO 92/20)	3.0
BANNER II	2.8
TREAZURE (ZPS-MG)	2.8
VICTORY (E)	2.8
CASCADE	2.7
JAMESTOWN	2.7
MEDINA	2.7
TIFFANY	2.5
LSD VALUE	1.4
C.V. (%)	37.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DROUGHT TOLERANCE (DORMANCY) RATED IN 1995 AND 1997.

TABLE 22E. DROUGHT TOLERANCE (DORMANCY) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 1994-97 DATA
 DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	UB1
PST-4DT	5.3
PST-4ST	5.2
RONDO	5.2
JASPER (E)	4.7
FLYER	4.5
FLYER II (ZPS-4BN)	4.5
BAR FRR 4ZBD	4.3
ARUBA	4.2
FLORENTINE (PST-4VB ENDO.)	4.2
SHADEMASTER II	4.2
CAS-FR13	4.0
BAR UR 204	3.7
COMMON CREEPING	3.7
SILVERLAWN (WVPB-STCR-101)	3.7
WX3-FFG6	3.3
LSD VALUE	1.4
C.V. (%)	28.5

TABLE 22F. DROUGHT TOLERANCE (DORMANCY) RATINGS OF HARD FESCUE CULTIVARS 1/
 1994-97 DATA
 DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/ 3/

NAME	UB1
SR 3100	7.7
OSPREY (PRO 92/24)	7.3
RELIANT II	7.0
BRIGADE	6.8
DISCOVERY	6.8
VERNON (MB 83-93)	6.8
ECOSTAR	6.7
SCALDIS	6.7
NORDIC	6.5
DEFIANT (MB 81-93)	6.3
AURORA W/ENDO.	6.2
SPARTAN	6.0
PAMELA	5.8
MB 82-93	5.2
LSD VALUE	1.6
C.V. (%)	21.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DROUGHT TOLERANCE (DORMANCY) RATED IN 1995 AND 1997.

TABLE 23A.

DROUGHT TOLERANCE (RECOVERY) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

NAME	NJ1	WA4	WA5	MEAN	NAME	NJ1	WA4	WA5	MEAN
SHADOW II (PST-44D)	7.0	9.0	6.7	7.6	VERNON (MB 83-93)	3.0	7.0	7.0	5.7
FLORENTINE (PST-4VB ENDO.)	6.3	7.7	7.3	7.1	DISCOVERY	3.7	6.0	7.0	5.6
PST-4ST	7.0	9.0	5.3	7.1	JAMESTOWN II	2.7	8.7	5.3	5.6
SR 5100	5.3	9.0	6.7	7.0	NORDIC	2.7	7.3	6.3	5.4
NJ F-93	4.7	8.7	7.3	6.9	ISI-FC-62	2.0	8.0	6.0	5.3
VICTORY (E)	5.3	8.3	6.7	6.8	MB 66-93	2.7	6.3	6.7	5.2
TIFFANY	6.3	8.0	6.0	6.8	MEDINA	1.0	8.3	6.3	5.2
FLYER II (ZPS-4BN)	6.0	8.0	5.7	6.6	SPARTAN	2.3	7.3	6.0	5.2
SANDPIPER (PRO 92/20)	4.0	9.0	6.7	6.6	SILVERLAWN (WVFB-STCR-101)	3.0	7.7	4.7	5.1
DARWIN	2.7	8.7	8.3	6.6	AURORA W/ENDO.	2.7	6.3	6.3	5.1
PST-4DT	6.7	7.7	5.0	6.4	DEFIANT (MB 81-93)	3.0	6.3	6.0	5.1
BRITTANY	5.0	8.7	5.7	6.4	RONDO	1.0	8.0	6.3	5.1
WX3-FFG6	4.7	8.7	6.0	6.4	ECOSTAR	3.0	6.0	6.0	5.0
CULUMBRA (MB 64-93)	3.7	8.7	6.7	6.3	SEABREEZE	1.0	8.3	5.7	5.0
SHADOW (E)	3.7	8.7	6.7	6.3	FLYER	2.7	8.7	3.7	5.0
VICTORY II (PICK 4-91W)	4.0	8.7	6.3	6.3	SCALDIS	3.3	5.0	6.3	4.9
JASPER (E)	6.0	7.7	5.0	6.2	CASCADE	2.0	9.0	3.7	4.9
K-2 (MB 65-93)	2.3	9.0	7.3	6.2	ARUBA	2.0	8.3	4.0	4.8
WX3-FF54	3.0	9.0	6.7	6.2	BAR FRR 4ZBD	3.3	6.3	4.7	4.8
BANNER III (MB 61-93)	6.0	7.3	5.3	6.2	PAMELA	2.0	5.7	6.7	4.8
BRIDGEPORT	3.7	8.7	6.3	6.2	BRIGADE	2.7	5.0	6.3	4.7
QUATRO (FO 143)	3.7	7.7	7.0	6.1	CAS-FR13	2.7	7.3	4.0	4.7
TREAZURE (ZPS-MG)	2.3	9.0	7.0	6.1	RELIANT II	2.7	5.7	5.7	4.7
TMI-3CE	3.0	8.7	6.7	6.1	SR 3100	3.7	4.0	6.3	4.7
JAMESTOWN	2.3	9.0	6.7	6.0	DAWSON	1.0	8.0	4.7	4.6
SHADEMASTER II	4.3	8.0	5.7	6.0	COMMON CREEPING	1.0	7.7	4.3	4.3
ECO (MB 63-93)	3.3	8.3	6.0	5.9	BAR UR 204	1.0	7.7	3.0	3.9
MOLINDA	3.3	9.0	5.3	5.9	67135	1.0	4.0	2.0	2.3
OSPREY (PRO 92/24)	2.7	7.7	7.0	5.8					
MB 82-93	4.0	7.0	6.3	5.8	LSD VALUE	1.7	1.4	1.3	0.8
BANNER II	3.7	7.7	5.7	5.7	C.V. (%)	30.4	11.3	13.2	15.9

TABLE 23B. DROUGHT TOLERANCE (RECOVERY) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

NAME	NJ1	WA4	WA5	MEAN
SEABREEZE	1	8.3	5.7	5.0
DAWSON	1	8.0	4.7	4.6
LSD VALUE	0	0.7	0.9	0.4
C.V. (%)	0	5.0	11.2	8.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DROUGHT TOLERANCE (RECOVERY) RATED IN 1994.

TABLE 23C. DROUGHT TOLERANCE (RECOVERY) RATINGS OF SHEEP FESCUE CULTIVARS 1/
 1994-97 DATA
 DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

NAME	NJ1	WA4	WA5	MEAN
QUATRO (FO 143)	3.7	7.7	7.0	6.1
67135	1.0	4.0	2.0	2.3
LSD VALUE	1.7	2.1	1.1	1.0
C.V. (%)	46.3	22.1	15.7	25.0

TABLE 23D. DROUGHT TOLERANCE (RECOVERY) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 1994-97 DATA
 DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

NAME	NJ1	WA4	WA5	MEAN
SHADOW II (PST-44D)	7.0	9.0	6.7	7.6
SR 5100	5.3	9.0	6.7	7.0
NJ F-93	4.7	8.7	7.3	6.9
VICTORY (E)	5.3	8.3	6.7	6.8
TIFFANY	6.3	8.0	6.0	6.8
SANDPIPER (PRO 92/20)	4.0	9.0	6.7	6.6
DARWIN	2.7	8.7	8.3	6.6
BRITTANY	5.0	8.7	5.7	6.4
CULUMBRA (MB 64-93)	3.7	8.7	6.7	6.3
SHADOW (E)	3.7	8.7	6.7	6.3
VICTORY II (PICK 4-91W)	4.0	8.7	6.3	6.3
K-2 (MB 65-93)	2.3	9.0	7.3	6.2
WX3-FF54	3.0	9.0	6.7	6.2
BANNER III (MB 61-93)	6.0	7.3	5.3	6.2
BRIDGEPORT	3.7	8.7	6.3	6.2
TREAZURE (ZPS-MG)	2.3	9.0	7.0	6.1
TMI-3CE	3.0	8.7	6.7	6.1
JAMESTOWN	2.3	9.0	6.7	6.0
ECO (MB 63-93)	3.3	8.3	6.0	5.9
MOLINDA	3.3	9.0	5.3	5.9
BANNER II	3.7	7.7	5.7	5.7
JAMESTOWN II	2.7	8.7	5.3	5.6
ISI-FC-62	2.0	8.0	6.0	5.3
MB 66-93	2.7	6.3	6.7	5.2
MEDINA	1.0	8.3	6.3	5.2
CASCADE	2.0	9.0	3.7	4.9
LSD VALUE	1.8	1.1	1.2	0.8
C.V. (%)	31.5	8.0	11.3	14.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DROUGHT TOLERANCE (RECOVERY) RATED IN 1994.

TABLE 23E. DROUGHT TOLERANCE (RECOVERY) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

NAME	NJ1	WA4	WA5	MEAN
FLORENTINE (PST-4VB ENDO.)	6.3	7.7	7.3	7.1
PST-4ST	7.0	9.0	5.3	7.1
FLYER II (ZPS-4BN)	6.0	8.0	5.7	6.6
PST-4DT	6.7	7.7	5.0	6.4
WX3-FFG6	4.7	8.7	6.0	6.4
JASPER (E)	6.0	7.7	5.0	6.2
SHADEMASTER II	4.3	8.0	5.7	6.0
SILVERLAWN (WVPB-STCR-101)	3.0	7.7	4.7	5.1
RONDO	1.0	8.0	6.3	5.1
FLYER	2.7	8.7	3.7	5.0
ARUBA	2.0	8.3	4.0	4.8
BAR FRR 4ZBD	3.3	6.3	4.7	4.8
CAS-FR13	2.7	7.3	4.0	4.7
COMMON CREEPING	1.0	7.7	4.3	4.3
BAR UR 204	1.0	7.7	3.0	3.9
LSD VALUE	1.8	1.1	1.4	0.8
C.V. (%)	28.8	9.1	17.2	16.3

TABLE 23F. DROUGHT TOLERANCE (RECOVERY) RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
DROUGHT TOLERANCE (RECOVERY) RATINGS 1-9; 9=COMPLETE RECOVERY 2/ 3/

NAME	NJ1	WA4	WA5	MEAN
OSPREY (PRO 92/24)	2.7	7.7	7.0	5.8
MB 82-93	4.0	7.0	6.3	5.8
VERNON (MB 83-93)	3.0	7.0	7.0	5.7
DISCOVERY	3.7	6.0	7.0	5.6
NORDIC	2.7	7.3	6.3	5.4
SPARTAN	2.3	7.3	6.0	5.2
AURORA W/ENDO.	2.7	6.3	6.3	5.1
DEFIANT (MB 81-93)	3.0	6.3	6.0	5.1
ECOSTAR	3.0	6.0	6.0	5.0
SCALDIS	3.3	5.0	6.3	4.9
PAMELA	2.0	5.7	6.7	4.8
BRIGADE	2.7	5.0	6.3	4.7
RELIANT II	2.7	5.7	5.7	4.7
SR 3100	3.7	4.0	6.3	4.7
LSD VALUE	1.2	2.0	1.3	0.9
C.V. (%)	25.6	20.0	13.0	18.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DROUGHT TOLERANCE (RECOVERY) RATED IN 1994.

TABLE 24A. LEAF SPOT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 1994-97 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	KS1	MA1	ME1	NJ1	PA1	UB1	MEAN
RELIANT II	5.3	9.0	4.7	7.0	9.0	7.1	7.0
DISCOVERY	5.3	9.0	4.0	6.7	9.0	7.7	6.9
VERNON (MB 83-93)	4.3	9.0	5.7	6.0	9.0	6.8	6.8
OSPREY (PRO 92/24)	5.3	8.3	4.7	6.3	9.0	6.8	6.7
SR 3100	5.0	9.0	4.7	5.7	8.7	7.4	6.7
MB 82-93	5.3	9.0	4.3	6.3	8.7	6.3	6.7
CULMBRA (MB 64-93)	5.7	9.0	4.7	6.0	9.0	5.3	6.6
SCALDIS	4.7	9.0	4.7	6.7	8.0	6.6	6.6
DARWIN	4.0	9.0	4.7	6.7	9.0	6.1	6.6
SHADOW II (PST-44D)	5.7	8.3	3.0	7.0	9.0	6.4	6.6
BRIGADE	4.3	9.0	5.0	6.7	8.3	6.0	6.6
SPARTAN	4.7	9.0	5.7	5.3	9.0	5.7	6.6
K-2 (MB 65-93)	5.0	9.0	4.3	6.3	9.0	5.3	6.5
DEFIANT (MB 81-93)	4.3	9.0	5.0	5.7	8.3	6.6	6.5
NORDIC	4.3	8.3	5.7	6.3	8.3	5.8	6.5
ECOSTAR	4.3	9.0	4.7	5.7	8.7	6.3	6.4
AURORA W/ENDO.	4.7	9.0	4.3	6.0	8.3	6.2	6.4
BRITTANY	6.3	8.3	4.7	5.3	8.3	5.6	6.4
VICTORY II (PICK 4-91W)	5.7	9.0	4.3	5.3	8.7	5.4	6.4
TMI-3CE	5.3	9.0	4.0	5.3	8.7	5.9	6.4
MB 66-93	4.7	9.0	4.3	6.3	9.0	4.7	6.3
SEABREEZE	4.3	7.7	5.3	7.0	8.0	5.7	6.3
TREASURE (ZPS-MG)	5.7	8.3	4.0	5.7	8.0	6.0	6.3
NJ F-93	4.7	8.3	4.3	5.7	9.0	5.7	6.3
QUATRO (FO 143)	4.0	9.0	4.0	6.3	8.3	5.9	6.3
SR 5100	5.7	8.3	4.3	5.0	8.3	5.3	6.2
PAMELA	4.0	8.3	6.3	5.7	7.7	4.9	6.1
TIFFANY	5.0	8.3	3.7	6.3	8.0	5.4	6.1
BRIDGEPORT	4.7	9.0	4.3	5.0	8.7	5.0	6.1
WX3-FF54	5.7	6.3	4.0	5.7	8.7	6.0	6.1
ECO (MB 63-93)	6.3	8.3	3.0	5.3	8.3	4.8	6.0
ISI-FC-62	5.0	8.3	4.3	4.3	8.7	5.1	6.0
SHADOW (E)	5.0	8.3	4.3	4.7	9.0	4.3	5.9
RONDO	4.3	7.7	5.0	5.3	8.0	5.3	5.9
WX3-FFG6	5.7	7.0	4.7	5.3	8.7	4.1	5.9
SANDPIPER (PRO 92/20)	5.0	6.3	4.7	5.0	9.0	4.9	5.8
BANNER III (MB 61-93)	5.3	6.3	3.7	5.0	9.0	5.4	5.8
MOLINDA	5.3	8.3	5.3	4.3	7.0	4.3	5.8
BANNER II	4.3	9.0	4.3	4.0	8.7	4.2	5.8
MEDINA	4.0	7.7	5.0	5.3	7.3	5.1	5.7
JAMESTOWN	4.7	7.0	4.7	5.3	8.3	3.9	5.6
JAMESTOWN II	4.7	7.0	4.3	4.3	8.3	5.2	5.6
DAWSON	3.3	7.7	4.7	4.7	8.3	5.0	5.6
FLORENTINE (PST-4VB ENDO.)	5.0	7.0	4.7	5.3	6.7	4.7	5.6
VICTORY (E)	3.7	9.0	4.3	4.0	8.3	3.9	5.5
SHADEMASTER II	5.7	6.3	4.0	6.3	5.7	4.9	5.5
PST-4ST	4.3	7.7	4.0	5.0	6.3	5.2	5.4

TABLE 24A. LEAF SPOT RATINGS OF FINELEAF FESCUE CULTIVARS
 (CONT'D) 1994-97 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE

NAME	KS1	MA1	ME1	NJ1	PA1	UB1	MEAN
FLYER II (ZPS-4BN)	4.7	6.3	4.0	5.3	6.3	5.1	5.3
SILVERLAWN (WVPB-STCR-101)	5.3	7.0	5.0	4.7	5.0	4.2	5.2
COMMON CREEPING	5.0	5.7	5.3	3.7	5.7	4.2	4.9
PST-4DT	4.7	5.7	3.7	4.7	6.0	4.8	4.9
FLYER	4.3	5.0	4.3	4.3	5.3	4.4	4.6
CAS-FR13	6.0	4.3	5.7	3.3	3.7	4.7	4.6
ARUBA	6.0	4.3	3.7	3.7	6.3	3.7	4.6
JASPER (E)	4.7	3.7	3.7	5.0	4.7	4.2	4.3
BAR FRR 4ZBD	5.3	3.0	5.3	5.0	2.3	4.6	4.3
CASCADE	2.3	6.3	5.0	2.3	6.3	2.0	4.1
BAR UR 204	4.7	3.0	4.3	3.3	5.0	2.6	3.8
67135	3.0	3.0	5.3	3.7	2.0	1.1	3.0
LSD VALUE	1.5	1.8	1.0	1.3	1.6	1.0	0.6
C.V. (%)	19.3	14.9	14.2	15.4	13.0	21.0	17.0

TABLE 24B. LEAF SPOT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
 1994-97 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	KS1	MA1	ME1	NJ1	PA1	UB1	MEAN
SEABREEZE	4.3	7.7	5.3	7.0	8.0	5.7	6.3
DAWSON	3.3	7.7	4.7	4.7	8.3	5.0	5.6
LSD VALUE	0.9	1.9	0.9	1.3	2.4	1.3	0.7
C.V. (%)	15.1	15.1	11.5	14.0	18.0	26.5	20.0

TABLE 24C. LEAF SPOT RATINGS OF SHEEP FESCUE CULTIVARS 1/
 1994-97 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	KS1	MA1	ME1	NJ1	PA1	UB1	MEAN
QUATRO (FO 143)	4.0	9	4.0	6.3	8.3	5.9	6.3
67135	3.0	3	5.3	3.7	2.0	1.1	3.0
LSD VALUE	2.3	0	0.7	1.9	1.7	1.1	0.6
C.V. (%)	40.4	0	8.7	23.1	20.9	33.3	22.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 24D. LEAF SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 1994-97 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	KS1	MA1	ME1	NJ1	PA1	UB1	MEAN
CULUMBRA (MB 64-93)	5.7	9.0	4.7	6.0	9.0	5.3	6.6
DARWIN	4.0	9.0	4.7	6.7	9.0	6.1	6.6
SHADOW II (PST-44D)	5.7	8.3	3.0	7.0	9.0	6.4	6.6
K-2 (MB 65-93)	5.0	9.0	4.3	6.3	9.0	5.3	6.5
BRITTANY	6.3	8.3	4.7	5.3	8.3	5.6	6.4
VICTORY II (PICK 4-91W)	5.7	9.0	4.3	5.3	8.7	5.4	6.4
TMI-3CE	5.3	9.0	4.0	5.3	8.7	5.9	6.4
MB 66-93	4.7	9.0	4.3	6.3	9.0	4.7	6.3
TREAZURE (ZPS-MG)	5.7	8.3	4.0	5.7	8.0	6.0	6.3
NJ F-93	4.7	8.3	4.3	5.7	9.0	5.7	6.3
SR 5100	5.7	8.3	4.3	5.0	8.3	5.3	6.2
TIFFANY	5.0	8.3	3.7	6.3	8.0	5.4	6.1
BRIDGEPORT	4.7	9.0	4.3	5.0	8.7	5.0	6.1
WX3-FF54	5.7	6.3	4.0	5.7	8.7	6.0	6.1
ECO (MB 63-93)	6.3	8.3	3.0	5.3	8.3	4.8	6.0
ISI-FC-62	5.0	8.3	4.3	4.3	8.7	5.1	6.0
SHADOW (E)	5.0	8.3	4.3	4.7	9.0	4.3	5.9
SANDPIPER (PRO 92/20)	5.0	6.3	4.7	5.0	9.0	4.9	5.8
BANNER III (MB 61-93)	5.3	6.3	3.7	5.0	9.0	5.4	5.8
MOLINDA	5.3	8.3	5.3	4.3	7.0	4.3	5.8
BANNER II	4.3	9.0	4.3	4.0	8.7	4.2	5.8
MEDINA	4.0	7.7	5.0	5.3	7.3	5.1	5.7
JAMESTOWN	4.7	7.0	4.7	5.3	8.3	3.9	5.6
JAMESTOWN II	4.7	7.0	4.3	4.3	8.3	5.2	5.6
VICTORY (E)	3.7	9.0	4.3	4.0	8.3	3.9	5.5
CASCADE	2.3	6.3	5.0	2.3	6.3	2.0	4.1
LSD VALUE	1.7	1.9	0.9	1.3	1.1	1.0	0.6
C.V. (%)	21.4	14.5	13.2	15.5	7.9	21.1	16.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 24E. LEAF SPOT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	KS1	MA1	ME1	NJ1	PA1	UB1	MEAN
RONDO	4.3	7.7	5.0	5.3	8.0	5.3	5.9
WX3-FFG6	5.7	7.0	4.7	5.3	8.7	4.1	5.9
FLORENTINE (PST-4VB ENDO.)	5.0	7.0	4.7	5.3	6.7	4.7	5.6
SHADEMASTER II	5.7	6.3	4.0	6.3	5.7	4.9	5.5
PST-4ST	4.3	7.7	4.0	5.0	6.3	5.2	5.4
FLYER II (ZPS-4BN)	4.7	6.3	4.0	5.3	6.3	5.1	5.3
SILVERLAWN (WVPB-STCR-101)	5.3	7.0	5.0	4.7	5.0	4.2	5.2
COMMON CREEPING	5.0	5.7	5.3	3.7	5.7	4.2	4.9
PST-4DT	4.7	5.7	3.7	4.7	6.0	4.8	4.9
FLYER	4.3	5.0	4.3	4.3	5.3	4.4	4.6
CAS-FR13	6.0	4.3	5.7	3.3	3.7	4.7	4.6
ARUBA	6.0	4.3	3.7	3.7	6.3	3.7	4.6
JASPER (E)	4.7	3.7	3.7	5.0	4.7	4.2	4.3
BAR FRR 4ZBD	5.3	3.0	5.3	5.0	2.3	4.6	4.3
BAR UR 204	4.7	3.0	4.3	3.3	5.0	2.6	3.8
LSD VALUE	1.5	2.3	1.2	1.3	2.4	1.1	0.6
C.V. (%)	18.2	26.2	16.6	17.4	25.8	26.1	22.9

TABLE 24F. LEAF SPOT RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	KS1	MA1	ME1	NJ1	PA1	UB1	MEAN
RELIANT II	5.3	9.0	4.7	7.0	9.0	7.1	7.0
DISCOVERY	5.3	9.0	4.0	6.7	9.0	7.7	6.9
VERNON (MB 83-93)	4.3	9.0	5.7	6.0	9.0	6.8	6.8
OSPREY (PRO 92/24)	5.3	8.3	4.7	6.3	9.0	6.8	6.7
SR 3100	5.0	9.0	4.7	5.7	8.7	7.4	6.7
MB 82-93	5.3	9.0	4.3	6.3	8.7	6.3	6.7
SCALDIS	4.7	9.0	4.7	6.7	8.0	6.6	6.6
BRIGADE	4.3	9.0	5.0	6.7	8.3	6.0	6.6
SPARTAN	4.7	9.0	5.7	5.3	9.0	5.7	6.6
DEFIANT (MB 81-93)	4.3	9.0	5.0	5.7	8.3	6.6	6.5
NORDIC	4.3	8.3	5.7	6.3	8.3	5.8	6.5
ECOSTAR	4.3	9.0	4.7	5.7	8.7	6.3	6.4
AURORA W/ENDO.	4.7	9.0	4.3	6.0	8.3	6.2	6.4
PAMELA	4.0	8.3	6.3	5.7	7.7	4.9	6.1
LSD VALUE	1.0	0.9	1.1	1.3	1.2	0.9	0.5
C.V. (%)	12.7	6.0	13.9	12.8	8.6	15.2	12.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 25A.

DOLLAR SPOT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	LA1	ME1	MEAN	NAME	LA1	ME1	MEAN
AURORA W/ENDO.	7.7	6.3	7.0	NJ F-93	7.3	4.7	6.0
SILVERLAWN (WVPB-STCR-101)	8.3	5.5	6.9	OSPREY (PRO 92/24)	8.0	4.0	6.0
FLORENTINE (PST-4VB ENDO.)	8.7	5.2	6.9	RELIANT II	8.0	4.0	6.0
ECOSTAR	8.3	5.3	6.8	VICTORY (E)	7.3	4.7	6.0
JAMESTOWN II	9.0	4.7	6.8	BRIGADE	7.7	4.2	5.9
SHADEMASTER II	8.0	5.7	6.8	DARWIN	7.7	4.2	5.9
CASCADE	8.7	4.8	6.8	PST-4DT	7.7	4.2	5.9
K-2 (MB 65-93)	7.7	5.7	6.7	CAS-FR13	7.3	4.5	5.9
SCALDIS	7.7	5.7	6.7	NORDIC	7.3	4.5	5.9
ARUBA	8.3	4.8	6.6	BAR FRR 4ZBD	7.0	4.7	5.8
DAWSON	7.7	5.5	6.6	JASPER (E)	6.0	5.7	5.8
TREAZURE (ZPS-MG)	8.0	5.2	6.6	MB 82-93	6.7	5.0	5.8
BANNER II	8.0	5.0	6.5	SHADOW II (PST-44D)	7.0	4.7	5.8
MOLINDA	8.0	5.0	6.5	MB 66-93	7.0	4.5	5.8
PST-4ST	7.7	5.3	6.5	QUATRO (FO 143)	8.0	3.5	5.8
WX3-FF54	8.3	4.7	6.5	SEABREEZE	8.0	3.5	5.8
SR 3100	8.3	4.5	6.4	SPARTAN	7.3	4.2	5.8
VERNON (MB 83-93)	7.7	5.2	6.4	TIFFANY	7.0	4.5	5.8
CULUMBRA (MB 64-93)	7.3	5.5	6.4	BRITTANY	7.0	4.3	5.7
ECO (MB 63-93)	8.7	4.2	6.4	BAR UR 204	6.7	4.5	5.6
DISCOVERY	8.3	4.3	6.3	COMMON CREEPING	6.7	4.5	5.6
JAMESTOWN	7.7	5.0	6.3	FLYER II (ZPS-4BN)	6.3	4.7	5.5
SANDPIPER (PRO 92/20)	7.7	5.0	6.3	MEDINA	7.0	4.0	5.5
BRIDGEPORT	8.3	4.2	6.3	SHADOW (E)	6.7	4.3	5.5
DEFIANT (MB 81-93)	7.7	4.8	6.3	ISI-FC-62	6.7	4.0	5.3
VICTORY II (PICK 4-91W)	7.3	5.0	6.2	PAMELA	6.7	4.0	5.3
BANNER III (MB 61-93)	7.7	4.5	6.1	67135	6.0	3.5	4.8
FLYER	7.7	4.5	6.1	WX3-FFG6	5.3	4.2	4.8
RONDO	8.0	4.2	6.1	LSD VALUE	1.7	3.6	2.5
SR 5100	7.7	4.5	6.1	C.V. (%)	14.3	67.3	44.5
TMI-3CE	7.7	4.5	6.1				

TABLE 25B. DOLLAR SPOT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	LA1	ME1	MEAN
DAWSON	7.7	5.5	6.6
SEABREEZE	8.0	3.5	5.8
LSD VALUE	0.7	2.9	2.0
C.V. (%)	5.2	56.7	35.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DOLLAR SPOT RATED AT "LA1" IN 1994 AND AT "ME1" IN 1995 & 1997.

TABLE 25C. DOLLAR SPOT RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA
DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	LA1	ME1	MEAN
QUATRO (FO 143)	8	3.5	5.8
67135	6	3.5	4.8
LSD VALUE	0	2.5	1.7
C.V. (%)	0	63.2	35.6

TABLE 25D. DOLLAR SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA
DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	LA1	ME1	MEAN
JAMESTOWN II	9.0	4.7	6.8
CASCADE	8.7	4.8	6.8
K-2 (MB 65-93)	7.7	5.7	6.7
TREAZURE (ZPS-MG)	8.0	5.2	6.6
BANNER II	8.0	5.0	6.5
MOLINDA	8.0	5.0	6.5
WX3-FF54	8.3	4.7	6.5
CULUMBRA (MB 64-93)	7.3	5.5	6.4
ECO (MB 63-93)	8.7	4.2	6.4
JAMESTOWN	7.7	5.0	6.3
SANDPIPER (PRO 92/20)	7.7	5.0	6.3
BRIDGEPORT	8.3	4.2	6.3
VICTORY II (PICK 4-91W)	7.3	5.0	6.2
BANNER III (MB 61-93)	7.7	4.5	6.1
SR 5100	7.7	4.5	6.1
TMI-3CE	7.7	4.5	6.1
NJ F-93	7.3	4.7	6.0
VICTORY (E)	7.3	4.7	6.0
DARWIN	7.7	4.2	5.9
SHADOW II (PST-44D)	7.0	4.7	5.8
MB 66-93	7.0	4.5	5.8
TIFFANY	7.0	4.5	5.8
BRITTANY	7.0	4.3	5.7
MEDINA	7.0	4.0	5.5
SHADOW (E)	6.7	4.3	5.5
ISI-FC-62	6.7	4.0	5.3
LSD VALUE	1.9	3.6	2.6
C.V. (%)	15.6	68.0	44.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DOLLAR SPOT RATED AT "LA1" IN 1994 AND AT "ME1" IN 1995 & 1997.

TABLE 25E. DOLLAR SPOT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	LA1	ME1	MEAN
SILVERLAWN (WVPB-STCR-101)	8.3	5.5	6.9
FLORENTINE (PST-4VB ENDO.)	8.7	5.2	6.9
SHADEMASTER II	8.0	5.7	6.8
ARUBA	8.3	4.8	6.6
PST-4ST	7.7	5.3	6.5
FLYER	7.7	4.5	6.1
RONDO	8.0	4.2	6.1
PST-4DT	7.7	4.2	5.9
CAS-FR13	7.3	4.5	5.9
BAR FRR 4ZBD	7.0	4.7	5.8
JASPER (E)	6.0	5.7	5.8
BAR UR 204	6.7	4.5	5.6
COMMON CREEPING	6.7	4.5	5.6
FLYER II (ZPS-4BN)	6.3	4.7	5.5
WX3-FFG6	5.3	4.2	4.8
LSD VALUE	1.7	3.9	2.7
C.V. (%)	14.8	71.4	48.8

TABLE 25F. DOLLAR SPOT RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	LA1	ME1	MEAN
AURORA W/ENDO.	7.7	6.3	7.0
ECOSTAR	8.3	5.3	6.8
SCALDIS	7.7	5.7	6.7
SR 3100	8.3	4.5	6.4
VERNON (MB 83-93)	7.7	5.2	6.4
DISCOVERY	8.3	4.3	6.3
DEFIANT (MB 81-93)	7.7	4.8	6.3
OSPREY (PRO 92/24)	8.0	4.0	6.0
RELIANT II	8.0	4.0	6.0
BRIGADE	7.7	4.2	5.9
NORDIC	7.3	4.5	5.9
MB 82-93	6.7	5.0	5.8
SPARTAN	7.3	4.2	5.8
PAMELA	6.7	4.0	5.3
LSD VALUE	1.6	3.4	2.4
C.V. (%)	13.0	62.5	41.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ DOLLAR SPOT RATED AT "LA1" IN 1994 AND AT "ME1" IN 1995 & 1997.

TABLE 26A.

RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	PA1	RI1	VA1	MEAN	NAME	PA1	RI1	VA1	MEAN
SR 3100	8.7	8.3	9.0	8.7	MEDINA	7.3	6.7	8.7	7.6
AURORA W/ENDO.	8.7	8.0	9.0	8.6	SANDPIPER (PRO 92/20)	8.7	6.0	8.0	7.6
ECOSTAR	9.0	7.7	9.0	8.6	TREASURE (ZPS-MG)	7.7	6.7	8.0	7.4
NORDIC	9.0	7.7	9.0	8.6	VICTORY (E)	7.0	6.7	8.7	7.4
SCALDIS	8.7	8.0	9.0	8.6	ECO (MB 63-93)	8.0	5.3	9.0	7.4
OSPREY (PRO 92/24)	8.0	8.3	9.0	8.4	CASCADE	8.3	4.7	9.0	7.3
RELIANT II	9.0	7.3	9.0	8.4	JAMESTOWN	7.7	5.3	9.0	7.3
SPARTAN	8.7	7.7	9.0	8.4	SHADOW (E)	7.7	6.0	8.3	7.3
VERNON (MB 83-93)	9.0	7.3	9.0	8.4	WX3-FFG6	7.7	5.3	9.0	7.3
BRIGADE	7.7	8.3	9.0	8.3	COMMON CREEPING	8.7	5.3	7.7	7.2
QUATRO (FO 143)	8.7	7.3	9.0	8.3	MB 66-93	7.7	5.7	8.3	7.2
DISCOVERY	9.0	6.7	9.0	8.2	NJ F-93	6.7	6.0	9.0	7.2
MB 82-93	9.0	6.7	9.0	8.2	PST-4ST	8.7	5.0	7.7	7.1
DARWIN	8.7	7.0	9.0	8.2	CAS-FR13	8.0	5.3	7.7	7.0
SHADOW II (PST-44D)	8.3	7.0	9.0	8.1	BAR FRR 4ZBD	7.7	5.0	7.0	6.6
TIFFANY	8.3	7.0	9.0	8.1	JASPER (E)	8.3	3.7	7.7	6.6
PAMELA	8.7	6.7	9.0	8.1	MOLINDA	5.3	5.7	8.7	6.6
CULUMERA (MB 64-93)	8.0	7.0	9.0	8.0	FLORENTINE (PST-4VB ENDO.)	7.3	4.7	7.3	6.4
JAMESTOWN II	8.7	6.7	8.7	8.0	FLYER II (ZPS-4BN)	8.3	4.7	6.3	6.4
SR 5100	8.7	6.3	9.0	8.0	SILVERLAWN (WVPB-STCR-101)	7.3	5.0	7.0	6.4
BANNER II	9.0	5.7	8.7	7.8	SEABREEZE	6.0	5.3	7.7	6.3
ISI-FC-62	8.3	6.3	8.7	7.8	PST-4DT	7.7	4.3	6.3	6.1
DEFIANT (MB 81-93)	8.0	6.3	9.0	7.8	ARUBA	7.7	3.7	6.3	5.9
TMI-3CE	7.3	7.3	8.7	7.8	SHADEMASTER II	5.7	5.0	6.7	5.8
VICTORY II (PICK 4-91W)	8.0	6.3	9.0	7.8	DAWSON	4.3	5.7	7.3	5.8
WX3-FF54	8.7	5.7	9.0	7.8	FLYER	7.0	4.0	6.0	5.7
BANNER III (MB 61-93)	8.3	5.7	9.0	7.7	RONDO	5.0	4.0	7.0	5.3
BRITTANY	8.3	5.7	9.0	7.7	BAR UR 204	4.3	4.0	7.0	5.1
K-2 (MB 65-93)	8.0	6.7	8.3	7.7					
67135	7.7	6.0	9.0	7.6	LSD VALUE	1.9	1.8	1.2	1.0
BRIDGEPORT	7.3	6.3	9.0	7.6	C.V. (%)	15.4	18.2	9.1	14.0

TABLE 26B. RED THREAD RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	PA1	RI1	VA1	MEAN
SEABREEZE	6.0	5.3	7.7	6.3
DAWSON	4.3	5.7	7.3	5.8
LSD VALUE	2.6	1.5	2.2	1.2
C.V. (%)	31.6	16.6	18.1	22.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD RATED IN 1995.

TABLE 26C. RED THREAD RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA
RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	PA1	RI1	VA1	MEAN
QUATRO (FO 143)	8.7	7.3	9	8.3
67135	7.7	6.0	9	7.6
LSD VALUE	1.5	0.7	0	0.5
C.V. (%)	11.2	6.1	0	7.3

TABLE 26D. RED THREAD RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA
RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	PA1	RI1	VA1	MEAN
DARWIN	8.7	7.0	9.0	8.2
SHADOW II (PST-44D)	8.3	7.0	9.0	8.1
TIFFANY	8.3	7.0	9.0	8.1
CULUMBRA (MB 64-93)	8.0	7.0	9.0	8.0
JAMESTOWN II	8.7	6.7	8.7	8.0
SR 5100	8.7	6.3	9.0	8.0
BANNER II	9.0	5.7	8.7	7.8
ISI-FC-62	8.3	6.3	8.7	7.8
TMI-3CE	7.3	7.3	8.7	7.8
VICTORY II (PICK 4-91W)	8.0	6.3	9.0	7.8
WX3-FF54	8.7	5.7	9.0	7.8
BANNER III (MB 61-93)	8.3	5.7	9.0	7.7
BRITTANY	8.3	5.7	9.0	7.7
K-2 (MB 65-93)	8.0	6.7	8.3	7.7
BRIDGEPORT	7.3	6.3	9.0	7.6
MEDINA	7.3	6.7	8.7	7.6
SANDPIPER (PRO 92/20)	8.7	6.0	8.0	7.6
TREAZURE (ZPS-MG)	7.7	6.7	8.0	7.4
VICTORY (E)	7.0	6.7	8.7	7.4
ECO (MB 63-93)	8.0	5.3	9.0	7.4
CASCADE	8.3	4.7	9.0	7.3
JAMESTOWN	7.7	5.3	9.0	7.3
SHADOW (E)	7.7	6.0	8.3	7.3
MB 66-93	7.7	5.7	8.3	7.2
NJ F-93	6.7	6.0	9.0	7.2
MOLINDA	5.3	5.7	8.7	6.6
LSD VALUE	1.9	2.0	0.9	1.0
C.V. (%)	14.8	20.3	6.5	13.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD RATED IN 1995.

TABLE 26E. RED THREAD RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 1994-97 DATA
 RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	PA1	RI1	VA1	MEAN
WX3-FFG6	7.7	5.3	9.0	7.3
COMMON CREEPING	8.7	5.3	7.7	7.2
PST-4ST	8.7	5.0	7.7	7.1
CAS-FR13	8.0	5.3	7.7	7.0
BAR FRR 4ZBD	7.7	5.0	7.0	6.6
JASPER (E)	8.3	3.7	7.7	6.6
FLORENTINE (PST-4VB ENDO.)	7.3	4.7	7.3	6.4
FLYER II (ZPS-4BN)	8.3	4.7	6.3	6.4
SILVERLAWN (WBPB-STCR-101)	7.3	5.0	7.0	6.4
PST-4DT	7.7	4.3	6.3	6.1
ARUBA	7.7	3.7	6.3	5.9
SHADEMASTER II	5.7	5.0	6.7	5.8
FLYER	7.0	4.0	6.0	5.7
RONDO	5.0	4.0	7.0	5.3
BAR UR 204	4.3	4.0	7.0	5.1
LSD VALUE	2.6	1.7	1.9	1.2
C.V. (%)	21.8	23.6	17.0	20.7

TABLE 26F. RED THREAD RATINGS OF HARD FESCUE CULTIVARS 1/
 1994-97 DATA
 RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	PA1	RI1	VA1	MEAN
SR 3100	8.7	8.3	9	8.7
AURORA W/ENDO.	8.7	8.0	9	8.6
ECOSTAR	9.0	7.7	9	8.6
NORDIC	9.0	7.7	9	8.6
SCALDIS	8.7	8.0	9	8.6
OSPREY (PRO 92/24)	8.0	8.3	9	8.4
RELIANT II	9.0	7.3	9	8.4
SPARTAN	8.7	7.7	9	8.4
VERNON (MB 83-93)	9.0	7.3	9	8.4
BRIGADE	7.7	8.3	9	8.3
DISCOVERY	9.0	6.7	9	8.2
MB 82-93	9.0	6.7	9	8.2
PAMELA	8.7	6.7	9	8.1
DEFIANT (MB 81-93)	8.0	6.3	9	7.8
LSD VALUE	1.0	1.5	0	0.6
C.V. (%)	6.9	12.3	0	7.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD RATED IN 1995.

TABLE 27A.

BROWN PATCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME1	OH1	MEAN	NAME	ME1	OH1	MEAN
SPARTAN	5.5	7.7	6.6	MOLINDA	6.7	1.0	3.8
ECOSTAR	4.8	8.0	6.4	SEABREEZE	6.7	1.0	3.8
BRIGADE	5.3	7.3	6.3	SHADOW (E)	6.7	1.0	3.8
SR 3100	5.5	7.0	6.3	BRIDGEPORT	6.3	1.3	3.8
QUATRO (FO 143)	4.5	7.7	6.1	JAMESTOWN II	6.3	1.3	3.8
SHADEMASTER II	5.8	6.3	6.1	TREAZURE (ZPS-MG)	6.3	1.3	3.8
AURORA W/ENDO.	4.5	7.3	5.9	K-2 (MB 65-93)	6.5	1.0	3.8
PST-4ST	6.7	5.0	5.8	MEDINA	6.5	1.0	3.8
NORDIC	5.5	6.0	5.8	VICTORY (E)	6.5	1.0	3.8
FLYER	6.8	4.3	5.6	BAR FRR 4ZBD	6.3	1.0	3.7
VERNON (MB 83-93)	6.3	4.7	5.5	DAWSON	6.0	1.3	3.7
PAMELA	6.2	4.7	5.4	TIFFANY	6.3	1.0	3.7
FLORENTINE (PST-4VB ENDO.)	6.7	3.3	5.0	OSPREY (PRO 92/24)	5.5	1.7	3.6
RELIANT II	4.3	5.7	5.0	RONDO	6.2	1.0	3.6
DEFIANT (MB 81-93)	6.2	3.7	4.9	SANDPIPER (PRO 92/20)	6.2	1.0	3.6
SR 5100	7.5	2.3	4.9	BANNER III (MB 61-93)	5.8	1.3	3.6
SCALDIS	4.5	4.7	4.6	BAR UR 204	5.8	1.3	3.6
FLYER II (ZPS-4BN)	6.0	3.0	4.5	VICTORY II (PICK 4-91W)	5.8	1.3	3.6
MB 82-93	5.3	3.7	4.5	CAS-FR13	5.7	1.3	3.5
PST-4DT	5.5	3.3	4.4	DARWIN	6.0	1.0	3.5
SILVERLAWN (WVPB-STCR-101)	6.5	2.3	4.4	ISI-FC-62	6.0	1.0	3.5
BRITTANY	6.8	2.0	4.4	SHADOW II (PST-44D)	6.0	1.0	3.5
BANNER II	7.3	1.3	4.3	JAMESTOWN	5.8	1.0	3.4
JASPER (E)	5.3	3.3	4.3	TMI-3CE	5.8	1.0	3.4
CASCADE	7.5	1.0	4.3	ECO (MB 63-93)	5.7	1.0	3.3
DISCOVERY	4.2	4.3	4.3	COMMON CREEPING	5.3	1.3	3.3
NJ F-93	6.2	2.0	4.1	WX3-FF54	5.0	1.3	3.2
WX3-FFG6	6.2	2.0	4.1	MB 66-93	5.0	1.0	3.0
ARUBA	5.0	3.0	4.0				
67135	6.7	1.0	3.8	LSD VALUE	2.1	2.3	1.6
CULUMBRA (MB 64-93)	6.7	1.0	3.8	C.V. (%)	30.7	51.8	39.6

TABLE 27B. BROWN PATCH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME1	OH1	MEAN
SEABREEZE	6.7	1.0	3.8
DAWSON	6.0	1.3	3.7
LSD VALUE	1.7	0.7	1.2
C.V. (%)	24.1	35.0	34.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BROWN PATCH RATED AT "ME1" IN 1995 & 1997 AND AT "OH1" IN 1994.

TABLE 27C. BROWN PATCH RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA
BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME1	OH1	MEAN
QUATRO (FO 143)	4.5	7.7	6.1
67135	6.7	1.0	3.8
LSD VALUE	2.6	0.7	1.8
C.V. (%)	40.4	9.4	38.7

TABLE 27D. BROWN PATCH RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA
BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME1	OH1	MEAN
SR 5100	7.5	2.3	4.9
BRITTANY	6.8	2.0	4.4
BANNER II	7.3	1.3	4.3
CASCADE	7.5	1.0	4.3
NJ F-93	6.2	2.0	4.1
CULUMBRA (MB 64-93)	6.7	1.0	3.8
MOLINDA	6.7	1.0	3.8
SHADOW (E)	6.7	1.0	3.8
BRIDGEPORT	6.3	1.3	3.8
JAMESTOWN II	6.3	1.3	3.8
TREAZURE (ZPS-MG)	6.3	1.3	3.8
K-2 (MB 65-93)	6.5	1.0	3.8
MEDINA	6.5	1.0	3.8
VICTORY (E)	6.5	1.0	3.8
TIFFANY	6.3	1.0	3.7
SANDPIPER (PRO 92/20)	6.2	1.0	3.6
BANNER III (MB 61-93)	5.8	1.3	3.6
VICTORY II (PICK 4-91W)	5.8	1.3	3.6
DARWIN	6.0	1.0	3.5
ISI-FC-62	6.0	1.0	3.5
SHADOW II (PST-44D)	6.0	1.0	3.5
JAMESTOWN	5.8	1.0	3.4
TMI-3CE	5.8	1.0	3.4
ECO (MB 63-93)	5.7	1.0	3.3
WX3-FF54	5.0	1.3	3.2
MB 66-93	5.0	1.0	3.0
LSD VALUE	2.1	0.9	1.5
C.V. (%)	29.3	44.6	42.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BROWN PATCH RATED AT "ME1" IN 1995 & 1997 AND AT "OH1" IN 1994.

TABLE 27E. BROWN PATCH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME1	OH1	MEAN
SHADEMASTER II	5.8	6.3	6.1
PST-4ST	6.7	5.0	5.8
FLYER	6.8	4.3	5.6
FLORENTINE (PST-4VB ENDO.)	6.7	3.3	5.0
FLYER II (ZPS-4BN)	6.0	3.0	4.5
PST-4DT	5.5	3.3	4.4
SILVERLAWN (WVPB-STCR-101)	6.5	2.3	4.4
JASPER (E)	5.3	3.3	4.3
WX3-FFG6	6.2	2.0	4.1
ARUBA	5.0	3.0	4.0
BAR FRR 4ZBD	6.3	1.0	3.7
RONDO	6.2	1.0	3.6
BAR UR 204	5.8	1.3	3.6
CAS-FR13	5.7	1.3	3.5
COMMON CREEPING	5.3	1.3	3.3
LSD VALUE	1.9	2.8	1.5
C.V. (%)	27.5	61.2	37.9

TABLE 27F. BROWN PATCH RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	ME1	OH1	MEAN
SPARTAN	5.5	7.7	6.6
ECOSTAR	4.8	8.0	6.4
BRIGADE	5.3	7.3	6.3
SR 3100	5.5	7.0	6.3
AURORA W/ENDO.	4.5	7.3	5.9
NORDIC	5.5	6.0	5.8
VERNON (MB 83-93)	6.3	4.7	5.5
PAMELA	6.2	4.7	5.4
RELIANT II	4.3	5.7	5.0
DEFIANT (MB 81-93)	6.2	3.7	4.9
SCALDIS	4.5	4.7	4.6
MB 82-93	5.3	3.7	4.5
DISCOVERY	4.2	4.3	4.3
OSPREY (PRO 92/24)	5.5	1.7	3.6
LSD VALUE	2.2	3.5	1.9
C.V. (%)	37.0	39.7	37.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BROWN PATCH RATED AT "ME1" IN 1995 & 1997 AND AT "OH1" IN 1994.

TABLE 28A.

PYTHIUM BLIGHT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	LA1	MI1	MEAN	NAME	LA1	MI1	MEAN
NJ F-93	9.0	9.0	9.0	JAMESTOWN II	8.7	7.7	8.2
PAMELA	9.0	9.0	9.0	JASPER (E)	6.7	9.0	7.8
PST-4ST	9.0	9.0	9.0	VICTORY (E)	6.7	9.0	7.8
QUATRO (FO 143)	9.0	9.0	9.0	MEDINA	7.7	7.7	7.7
SPARTAN	9.0	9.0	9.0	RONDO	8.3	7.0	7.7
VERNON (MB 83-93)	9.0	9.0	9.0	CAS-FR13	9.0	6.3	7.7
67135	8.7	9.0	8.8	COMMON CREEPING	9.0	6.3	7.7
BRIGADE	8.7	9.0	8.8	FLORENTINE (PST-4VB ENDO.)	9.0	6.3	7.7
DISCOVERY	8.7	9.0	8.8	TIFFANY	7.3	8.0	7.7
OSPREY (PRO 92/24)	9.0	8.7	8.8	CASCADE	8.0	7.0	7.5
RELIANT II	8.7	9.0	8.8	K-2 (MB 65-93)	6.7	8.3	7.5
AURORA W/ENDO.	8.3	9.0	8.7	SHADOW II (PST-44D)	6.7	8.3	7.5
DEFIANT (MB 81-93)	9.0	8.3	8.7	BAR FRR 4ZBD	7.0	7.7	7.3
ECO (MB 63-93)	9.0	8.3	8.7	WX3-FFG6	7.0	7.7	7.3
MB 66-93	9.0	8.3	8.7	TREAZURE (ZPS-MG)	6.7	7.7	7.2
NORDIC	8.3	9.0	8.7	FLYER II (ZPS-4BN)	6.3	8.0	7.2
SR 3100	8.3	9.0	8.7	TMI-3CE	7.0	7.0	7.0
CULUMBRA (MB 64-93)	8.7	8.3	8.5	VICTORY II (PICK 4-91W)	6.7	7.3	7.0
MOLINDA	9.0	8.0	8.5	SR 5100	7.3	6.3	6.8
PST-4DT	8.0	9.0	8.5	FLYER	5.7	7.7	6.7
SEABREEZE	9.0	8.0	8.5	ISI-FC-62	5.7	7.7	6.7
SILVERLAWN (WVPB-STCR-101)	9.0	8.0	8.5	BANNER III (MB 61-93)	6.3	7.0	6.7
ARUBA	9.0	7.7	8.3	SHADOW (E)	6.0	7.3	6.7
ECOSTAR	8.3	8.3	8.3	BRITTANY	6.0	7.0	6.5
MB 82-93	7.7	9.0	8.3	WX3-FF54	6.3	6.0	6.2
SCALDIS	9.0	7.7	8.3	SANDPIPER (PRO 92/20)	6.7	5.3	6.0
SHADEMASTER II	9.0	7.7	8.3	DARWIN	4.0	7.0	5.5
BANNER II	7.3	9.0	8.2	JAMESTOWN	5.3	4.7	5.0
BAR UR 204	7.3	9.0	8.2				
BRIDGEPORT	9.0	7.3	8.2	LSD VALUE	3.6	2.7	2.2
DAWSON	9.0	7.3	8.2	C.V. (%)	28.3	20.9	24.9

TABLE 28B. PYTHIUM BLIGHT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	LA1	MI1	MEAN
SEABREEZE	9	8.0	8.5
DAWSON	9	7.3	8.2
LSD VALUE	0	2.6	1.3
C.V. (%)	0	21.3	13.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PYTHIUM BLIGHT RATED IN 1994.

TABLE 28C. PYTHIUM BLIGHT RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA
PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	LA1	MI1	MEAN
QUATRO (FO 143)	9.0	9	9.0
67135	8.7	9	8.8
LSD VALUE	0.7	0	0.3
C.V. (%)	4.6	0	3.2

TABLE 28D. PYTHIUM BLIGHT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA
PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	LA1	MI1	MEAN
NJ F-93	9.0	9.0	9.0
ECO (MB 63-93)	9.0	8.3	8.7
MB 66-93	9.0	8.3	8.7
CULUMBRA (MB 64-93)	8.7	8.3	8.5
MOLINDA	9.0	8.0	8.5
BANNER II	7.3	9.0	8.2
BRIDGEPORT	9.0	7.3	8.2
JAMESTOWN II	8.7	7.7	8.2
VICTORY (E)	6.7	9.0	7.8
MEDINA	7.7	7.7	7.7
TIFFANY	7.3	8.0	7.7
CASCADE	8.0	7.0	7.5
K-2 (MB 65-93)	6.7	8.3	7.5
SHADOW II (PST-44D)	6.7	8.3	7.5
TREAZURE (ZPS-MG)	6.7	7.7	7.2
TMI-3CE	7.0	7.0	7.0
VICTORY II (PICK 4-91W)	6.7	7.3	7.0
SR 5100	7.3	6.3	6.8
ISI-FC-62	5.7	7.7	6.7
BANNER III (MB 61-93)	6.3	7.0	6.7
SHADOW (E)	6.0	7.3	6.7
BRITTANY	6.0	7.0	6.5
WX3-FF54	6.3	6.0	6.2
SANDPIPER (PRO 92/20)	6.7	5.3	6.0
DARWIN	4.0	7.0	5.5
JAMESTOWN	5.3	4.7	5.0
LSD VALUE	4.7	3.2	2.9
C.V. (%)	41.1	26.5	34.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PYTHIUM BLIGHT RATED IN 1994.

TABLE 28E. PYTHIUM BLIGHT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 1994-97 DATA
 PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	LA1	MI1	MEAN
PST-4ST	9.0	9.0	9.0
PST-4DT	8.0	9.0	8.5
SILVERLAWN (WVPB-STCR-101)	9.0	8.0	8.5
ARUBA	9.0	7.7	8.3
SHADEMASTER II	9.0	7.7	8.3
BAR UR 204	7.3	9.0	8.2
JASPER (E)	6.7	9.0	7.8
RONDO	8.3	7.0	7.7
CAS-FR13	9.0	6.3	7.7
COMMON CREEPING	9.0	6.3	7.7
FLORENTINE (PST-4VB ENDO.)	9.0	6.3	7.7
BAR FRR 4ZBD	7.0	7.7	7.3
WX3-FFG6	7.0	7.7	7.3
FLYER II (ZPS-4BN)	6.3	8.0	7.2
FLYER	5.7	7.7	6.7
LSD VALUE	3.0	2.8	2.1
C.V. (%)	23.6	22.7	23.2

TABLE 28F. PYTHIUM BLIGHT RATINGS OF HARD FESCUE CULTIVARS 1/
 1994-97 DATA
 PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	LA1	MI1	MEAN
PAMELA	9.0	9.0	9.0
SPARTAN	9.0	9.0	9.0
VERNON (MB 83-93)	9.0	9.0	9.0
BRIGADE	8.7	9.0	8.8
DISCOVERY	8.7	9.0	8.8
OSPREY (PRO 92/24)	9.0	8.7	8.8
RELIANT II	8.7	9.0	8.8
AURORA W/ENDO.	8.3	9.0	8.7
DEFIANT (MB 81-93)	9.0	8.3	8.7
NORDIC	8.3	9.0	8.7
SR 3100	8.3	9.0	8.7
ECOSTAR	8.3	8.3	8.3
MB 82-93	7.7	9.0	8.3
SCALDIS	9.0	7.7	8.3
LSD VALUE	1.5	1.2	1.0
C.V. (%)	10.6	8.8	9.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PYTHIUM BLIGHT RATED IN 1994.

TABLE 29A. BIPOLARIS CROWN ROT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
BIPOLARIS CROWN ROT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	OK1	NAME	OK1
ARUBA	9.0	SR 5100	9.0
BANNER II	9.0	TIFFANY	9.0
BANNER III (MB 61-93)	9.0	TREAZURE (ZPS-MG)	9.0
BAR FRR 4ZBD	9.0	VICTORY (E)	9.0
BAR UR 204	9.0	VICTORY II (PICK 4-91W)	9.0
BRIDGEPORT	9.0	WX3-FF54	9.0
BRITTANY	9.0	WX3-FFG6	9.0
CAS-FR13	9.0	DAWSON	8.7
CASCADE	9.0	FLYER	8.7
COMMON CREEPING	9.0	PST-4DT	8.7
CULUMBRA (MB 64-93)	9.0	TMI-3CE	8.7
DARWIN	9.0	DISCOVERY	7.7
ECO (MB 63-93)	9.0	RELIANT II	7.3
FLORENTINE (PST-4VB ENDO.)	9.0	QUATRO (FO 143)	7.0
FLYER II (ZPS-4BN)	9.0	MB 82-93	6.7
ISI-FC-62	9.0	SHADOW II (PST-44D)	6.7
JAMESTOWN	9.0	BRIGADE	6.3
JAMESTOWN II	9.0	AURORA W/ENDO.	5.0
JASPER (E)	9.0	ECOSTAR	5.0
K-2 (MB 65-93)	9.0	67135	4.3
MB 66-93	9.0	NORDIC	4.3
MEDINA	9.0	OSPREY (PRO 92/24)	4.3
MOLINDA	9.0	PAMELA	4.3
NJ F-93	9.0	DEFIANT (MB 81-93)	4.0
PST-4ST	9.0	SPARTAN	4.0
RONDO	9.0	SR 3100	3.7
SANDPIPER (PRO 92/20)	9.0	VERNON (MB 83-93)	3.3
SEABREEZE	9.0	SCALDIS	3.0
SHADEMASTER II	9.0		
SHADOW (E)	9.0	LSD VALUE	2.4
SILVERLAWN (WVPB-STCR-101)	9.0	C.V. (%)	18.9

TABLE 29B. BIPOLARIS CROWN ROT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
BIPOLARIS CROWN ROT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	OK1
SEABREEZE	9.0
DAWSON	8.7
LSD VALUE	0.7
C.V. (%)	4.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BIPOLARIS CROWN ROT RATED IN 1995.

TABLE 29C. BIPOLARIS CROWN ROT RATINGS OF SHEEP FESCUE CULTIVARS 1/
 1994-97 DATA
 BIPOLARIS CROWN ROT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	OK1
QUATRO (FO 143)	7.0
67135	4.3
LSD VALUE	3.8
C.V. (%)	42.0

TABLE 29D. BIPOLARIS CROWN ROT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 1994-97 DATA
 BIPOLARIS CROWN ROT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	OK1
BANNER II	9.0
BANNER III (MB 61-93)	9.0
BRIDGEPORT	9.0
BRITTANY	9.0
CASCADE	9.0
CULUMBRA (MB 64-93)	9.0
DARWIN	9.0
ECO (MB 63-93)	9.0
ISI-FC-62	9.0
JAMESTOWN	9.0
JAMESTOWN II	9.0
K-2 (MB 65-93)	9.0
MB 66-93	9.0
MEDINA	9.0
MOLINDA	9.0
NJ F-93	9.0
SANDPIPER (PRO 92/20)	9.0
SHADOW (E)	9.0
SR 5100	9.0
TIFFANY	9.0
TREAZURE (ZPS-MG)	9.0
VICTORY (E)	9.0
VICTORY II (PICK 4-91W)	9.0
WX3-FF54	9.0
TMI-3CE	8.7
SHADOW II (PST-44D)	6.7
LSD VALUE	1.3
C.V. (%)	9.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BIPOLARIS CROWN ROT RATED IN 1995.

TABLE 29E. BIPOLARIS CROWN ROT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
BIPOLARIS CROWN ROT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	OK1
ARUBA	9.0
BAR FRR 4ZBD	9.0
BAR UR 204	9.0
CAS-FR13	9.0
COMMON CREEPING	9.0
FLORENTINE (PST-4VB ENDO.)	9.0
FLYER II (ZPS-4BN)	9.0
JASPER (E)	9.0
PST-4ST	9.0
RONDO	9.0
SHADEMASTER II	9.0
SILVERLAWN (WVPB-STCR-101)	9.0
WX3-FFG6	9.0
FLYER	8.7
PST-4DT	8.7
LSD VALUE	0.3
C.V. (%)	2.4

TABLE 29F. BIPOLARIS CROWN ROT RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
BIPOLARIS CROWN ROT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	OK1
DISCOVERY	7.7
RELIANT II	7.3
MB 82-93	6.7
BRIGADE	6.3
AURORA W/ENDO.	5.0
ECOSTAR	5.0
NORDIC	4.3
OSPREY (PRO 92/24)	4.3
PAMELA	4.3
DEFIANT (MB 81-93)	4.0
SPARTAN	4.0
SR 3100	3.7
VERNON (MB 83-93)	3.3
SCALDIS	3.0
LSD VALUE	4.3
C.V. (%)	54.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BIPOLARIS CROWN ROT RATED IN 1995.

TABLE 30A. FALL COLOR (NOVEMBER) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	OK1	NAME	OK1
DEFIANT (MB 81-93)	4.5	ARUBA	3.0
BAR FRR 4ZBD	4.0	BRIDGEPORT	3.0
CULMBRA (MB 64-93)	4.0	DARWIN	3.0
FLYER II (ZPS-4BN)	4.0	ECOSTAR	3.0
NORDIC	4.0	FLORENTINE (PST-4VB ENDO.)	3.0
PAMELA	4.0	MB 66-93	3.0
WX3-FF54	4.0	PST-4DT	3.0
BANNER III (MB 61-93)	3.7	SHADOW (E)	3.0
BRITTANY	3.7	SHADOW II (PST-44D)	3.0
ECO (MB 63-93)	3.7	SR 5100	3.0
FLYER	3.7	TREAZURE (ZPS-MG)	3.0
JASPER (E)	3.7	VICTORY (E)	3.0
MB 82-93	3.7	VICTORY II (PICK 4-91W)	3.0
NJ F-93	3.7	BAR UR 204	2.7
PST-4ST	3.7	CASCADE	2.7
SHADEMASTER II	3.7	DAWSON	2.7
TIFFANY	3.7	JAMESTOWN	2.7
BRIGADE	3.5	JAMESTOWN II	2.7
QUATRO (FO 143)	3.5	COMMON CREEPING	2.3
RELIANT II	3.5	SANDPIPER (PRO 92/20)	2.3
SPARTAN	3.5	SEABREEZE	2.3
BANNER II	3.3	DISCOVERY	2.0
CAS-FR13	3.3	RONDO	2.0
ISI-FC-62	3.3		
K-2 (MB 65-93)	3.3	LSD VALUE	1.3
MEDINA	3.3		
MOLINDA	3.3	C.V. (%)	23.2
SILVERLAWN (WVPB-STCR-101)	3.3		
TMI-3CE	3.3		
WX3-FFG6	3.3		
67135	3.0		

TABLE 30B. FALL COLOR (NOVEMBER) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	OK1
DAWSON	2.7
SEABREEZE	2.3
LSD VALUE	0.9
C.V. (%)	23.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ FALL COLOR (NOVEMBER) RATED IN 1995.

TABLE 30C. FALL COLOR (NOVEMBER) RATINGS OF SHEEP FESCUE CULTIVARS 1/
 1994-97 DATA
 FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	OK1
QUATRO (FO 143)	3.5
67135	3.0
LSD VALUE	1.0
C.V. (%)	15.4

TABLE 30D. FALL COLOR (NOVEMBER) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 1994-97 DATA
 FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	OK1
CULUMBRA (MB 64-93)	4.0
WX3-FF54	4.0
BANNER III (MB 61-93)	3.7
BRITTANY	3.7
ECO (MB 63-93)	3.7
NJ F-93	3.7
TIFFANY	3.7
BANNER II	3.3
ISI-FC-62	3.3
K-2 (MB 65-93)	3.3
MEDINA	3.3
MOLINDA	3.3
TMI-3CE	3.3
BRIDGEPORT	3.0
DARWIN	3.0
MB 66-93	3.0
SHADOW (E)	3.0
SHADOW II (PST-44D)	3.0
SR 5100	3.0
TREAZURE (ZPS-MG)	3.0
VICTORY (E)	3.0
VICTORY II (PICK 4-91W)	3.0
CASCADE	2.7
JAMESTOWN	2.7
JAMESTOWN II	2.7
SANDPIPER (PRO 92/20)	2.3
LSD VALUE	1.2
C.V. (%)	22.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ FALL COLOR (NOVEMBER) RATED IN 1995.

TABLE 30E. FALL COLOR (NOVEMBER) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 1994-97 DATA
 FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	OK1
BAR FRR 4ZBD	4.0
FLYER II (ZPS-4BN)	4.0
FLYER	3.7
JASPER (E)	3.7
PST-4ST	3.7
SHADEMASTER II	3.7
CAS-FR13	3.3
SILVERLAWN (WVPB-STCR-101)	3.3
WX3-FFG6	3.3
ARUBA	3.0
FLORENTINE (PST-4VB ENDO.)	3.0
PST-4DT	3.0
BAR UR 204	2.7
COMMON CREEPING	2.3
RONDO	2.0
LSD VALUE	1.2
C.V. (%)	23.9

TABLE 30F. FALL COLOR (NOVEMBER) RATINGS OF HARD FESCUE CULTIVARS 1/
 1994-97 DATA
 FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	OK1
DEFIANT (MB 81-93)	4.5
NORDIC	4.0
PAMELA	4.0
MB 82-93	3.7
BRIGADE	3.5
RELIANT II	3.5
SPARTAN	3.5
ECOSTAR	3.0
DISCOVERY	2.0
LSD VALUE	2.0
C.V. (%)	25.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ FALL COLOR (NOVEMBER) RATED IN 1995.

TABLE 31A. MOWING INJURY RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
MOWING INJURY RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	ME1	NAME	ME1
SR 3100	7.3	VICTORY (E)	4.0
MB 82-93	6.7	WX3-FF54	4.0
TIFFANY	6.7	67135	3.7
DISCOVERY	6.3	BAR UR 204	3.7
BRIDGEPORT	6.0	BRITTANY	3.7
PAMELA	6.0	FLYER	3.7
QUATRO (FO 143)	6.0	JAMESTOWN	3.7
BRIGADE	5.7	JAMESTOWN II	3.7
DEFIANT (MB 81-93)	5.7	MB 66-93	3.7
SCALDIS	5.7	MOLINDA	3.7
VERNON (MB 83-93)	5.7	TREAZURE (ZPS-MG)	3.7
ECOSTAR	5.3	WX3-FFG6	3.7
RELIANT II	5.3	ARUBA	3.3
SHADOW II (PST-44D)	5.3	BANNER II	3.3
ISI-FC-62	5.0	CAS-FR13	3.3
OSPREY (PRO 92/24)	5.0	COMMON CREEPING	3.3
SANDPIPER (PRO 92/20)	5.0	JASPER (E)	3.3
SHADOW (E)	5.0	PST-4DT	3.3
TMI-3CE	5.0	RONDO	3.3
BANNER III (MB 61-93)	4.7	SILVERLAWN (WVPB-STCR-101)	3.3
NORDIC	4.7	PST-4ST	3.0
VICTORY II (PICK 4-91W)	4.7	BAR FRR 4ZBD	2.7
DARWIN	4.3	COLUMBRA (MB 64-93)	2.7
K-2 (MB 65-93)	4.3	FLORENTINE (PST-4VB ENDO.)	2.7
NJ F-93	4.3	CASCADE	2.3
SPARTAN	4.3	SHADEMASTER II	2.0
SR 5100	4.3	FLYER II (ZPS-4BN)	1.7
AURORA W/ENDO.	4.0		
DAWSON	4.0	LSD VALUE	2.4
ECO (MB 63-93)	4.0		
MEDINA	4.0	C.V. (%)	34.8
SEABREEZE	4.0		

TABLE 31B. MOWING INJURY RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
MOWING INJURY RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	ME1
DAWSON	4.0
SEABREEZE	4.0
LSD VALUE	2.5
C.V. (%)	39.5

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
3/ MOWING INJURY RATED IN 1996.

TABLE 31C. MOWING INJURY RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA
MOWING INJURY RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	ME1
QUATRO (FO 143)	6.0
67135	3.7
LSD VALUE	2.1
C.V. (%)	26.7

TABLE 31D. MOWING INJURY RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA
MOWING INJURY RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	ME1
TIFFANY	6.7
BRIDGEPORT	6.0
SHADOW II (PST-44D)	5.3
ISI-FC-62	5.0
SANDPIPER (PRO 92/20)	5.0
SHADOW (E)	5.0
TMI-3CE	5.0
BANNER III (MB 61-93)	4.7
VICTORY II (PICK 4-91W)	4.7
DARWIN	4.3
K-2 (MB 65-93)	4.3
NJ F-93	4.3
SR 5100	4.3
ECO (MB 63-93)	4.0
MEDINA	4.0
VICTORY (E)	4.0
WX3-FF54	4.0
BRITTANY	3.7
JAMESTOWN	3.7
JAMESTOWN II	3.7
MB 66-93	3.7
MOLINDA	3.7
TREAZURE (ZPS-MG)	3.7
BANNER II	3.3
COLUMBRA (MB 64-93)	2.7
CASCADE	2.3
LSD VALUE	2.5
C.V. (%)	36.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ MOWING INJURY RATED IN 1996.

TABLE 31E. MOWING INJURY RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
MOWING INJURY RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	ME1
BAR UR 204	3.7
FLYER	3.7
WX3-FFG6	3.7
ARUBA	3.3
CAS-FR13	3.3
COMMON CREEPING	3.3
JASPER (E)	3.3
PST-4DT	3.3
RONDO	3.3
SILVERLAWN (WVPB-STCR-101)	3.3
PST-4ST	3.0
BAR FRR 4ZBD	2.7
FLORENTINE (PST-4VB ENDO.)	2.7
SHADEMASTER II	2.0
FLYER II (ZPS-4BN)	1.7
LSD VALUE	2.3
C.V. (%)	46.0

TABLE 31F. MOWING INJURY RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA

MOWING INJURY RATINGS 1-9; 9=NO INJURY 2/ 3/

NAME	ME1
SR 3100	7.3
MB 82-93	6.7
DISCOVERY	6.3
PAMELA	6.0
BRIGADE	5.7
DEFIANT (MB 81-93)	5.7
SCALDIS	5.7
VERNON (MB 83-93)	5.7
ECOSTAR	5.3
RELIANT II	5.3
OSPREY (PRO 92/24)	5.0
NORDIC	4.7
SPARTAN	4.3
AURORA W/ENDO.	4.0
LSD VALUE	2.4
C.V. (%)	26.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ MOWING INJURY RATED IN 1996.

TABLE 32A. PERCENT WEED RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA 2/ 3/

NAME	MD2	NAME	MD2
67135	85.0	DEFIANT (MB 81-93)	15.0
SEABREEZE	60.0	NJ F-93	15.0
DAWSON	51.7	VERNON (MB 83-93)	15.0
COMMON CREEPING	50.0	WX3-FF54	15.0
BAR FRR 4ZBD	48.3	CULUMBRA (MB 64-93)	13.7
ECO (MB 63-93)	41.7	AURORA W/ENDO.	13.3
PST-4DT	36.7	PAMELA	13.3
RONDO	35.0	SCALDIS	13.3
MEDINA	31.7	TIFFANY	13.3
DARWIN	26.7	VICTORY (E)	13.3
BAR UR 204	25.0	BANNER II	11.7
FLYER	25.0	CASCADE	11.7
MOLINDA	25.0	FLORENTINE (PST-4VB ENDO.)	11.7
SILVERLAWN (WVPB-STCR-101)	25.0	FLYER II (ZPS-4EN)	11.7
ARUBA	23.3	ISI-FC-62	10.0
JAMESTOWN	23.3	OSPREY (PRO 92/24)	10.0
SR 3100	23.3	WX3-FFG6	10.0
JASPER (E)	21.7	SPARTAN	9.3
MB 82-93	21.7	RELIANT II	8.3
SHADEMASTER II	21.7	SANDPIPER (PRO 92/20)	8.3
BRIGADE	20.0	BRIDGEPORT	7.7
JAMESTOWN II	20.0	ECOSTAR	6.7
K-2 (MB 65-93)	20.0	TMI-3CE	6.7
QUATRO (FO 143)	20.0	TREAZURE (ZPS-MG)	6.7
PST-4ST	18.3	SR 5100	5.0
BANNER III (MB 61-93)	16.7	BRITTANY	4.3
CAS-FR13	16.7	SHADOW II (PST-44D)	4.3
DISCOVERY	16.7	VICTORY II (PICK 4-91W)	3.7
MB 66-93	16.7		
NORDIC	16.7	LSD VALUE	19.4
SHADOW (E)	16.7	C.V. (%)	59.8

TABLE 32B. PERCENT WEED RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA 2/ 3/

NAME	MD2
SEABREEZE	60.0
DAWSON	51.7
LSD VALUE	44.5
C.V. (%)	49.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT WEEDS RATED IN 1994.

TABLE 32C. PERCENT WEED RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA 2/ 3/

NAME	MD2
67135	85.0
QUATRO (FO 143)	20.0
LSD VALUE	18.0
C.V. (%)	21.3

TABLE 32D. PERCENT WEED RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA 2/ 3/

NAME	MD2
ECO (MB 63-93)	41.7
MEDINA	31.7
DARWIN	26.7
MOLINDA	25.0
JAMESTOWN	23.3
JAMESTOWN II	20.0
K-2 (MB 65-93)	20.0
BANNER III (MB 61-93)	16.7
MB 66-93	16.7
SHADOW (E)	16.7
NJ F-93	15.0
WX3-FF54	15.0
CULUMBRA (MB 64-93)	13.7
TIFFANY	13.3
VICTORY (E)	13.3
BANNER II	11.7
CASCADE	11.7
ISI-FC-62	10.0
SANDPIPER (PRO 92/20)	8.3
BRIDGEPORT	7.7
TMI-3CE	6.7
TREAZURE (ZPS-MG)	6.7
SR 5100	5.0
BRITTANY	4.3
SHADOW II (PST-44D)	4.3
VICTORY II (PICK 4-91W)	3.7
LSD VALUE	14.1
C.V. (%)	58.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT WEEDS RATED IN 1994.

TABLE 32E. PERCENT WEED RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA 2/ 3/

NAME	MD2
COMMON CREEPING	50.0
BAR FRR 4ZBD	48.3
PST-4DT	36.7
RONDO	35.0
BAR UR 204	25.0
FLYER	25.0
SILVERLAWN (WVPB-STCR-101)	25.0
ARUBA	23.3
JASPER (E)	21.7
SHADEMASTER II	21.7
PST-4ST	18.3
CAS-FR13	16.7
FLORENTINE (PST-4VB ENDO.)	11.7
FLYER II (ZPS-4BN)	11.7
WX3-FFG6	10.0
LSD VALUE	24.6
C.V. (%)	60.3

TABLE 32F. PERCENT WEED RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA 2/ 3/

NAME	MD2
SR 3100	23.3
MB 82-93	21.7
BRIGADE	20.0
DISCOVERY	16.7
NORDIC	16.7
DEFIANT (MB 81-93)	15.0
VERNON (MB 83-93)	15.0
AURORA W/ENDO.	13.3
PAMELA	13.3
SCALDIS	13.3
OSPREY (PRO 92/24)	10.0
SPARTAN	9.3
RELIANT II	8.3
ECOSTAR	6.7
LSD VALUE	15.3
C.V. (%)	65.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT WEEDS RATED IN 1994.

TABLE 33A. WEED RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
WEED RATINGS 1-9; 9=NO WEEDS 2/ 3/

NAME	ME1	NAME	ME1
ARUBA	9.0	WX3-FF54	8.7
BANNER II	9.0	AURORA W/ENDO.	8.3
BANNER III (MB 61-93)	9.0	DISCOVERY	8.3
BRIDGEPORT	9.0	ECOSTAR	8.3
BRITTANY	9.0	FLYER II (ZPS-4BN)	8.3
CULUMBRA (MB 64-93)	9.0	OSPREY (PRO 92/24)	8.3
ISI-FC-62	9.0	CASCADE	8.0
JAMESTOWN	9.0	DAWSON	8.0
JAMESTOWN II	9.0	JASPER (E)	8.0
K-2 (MB 65-93)	9.0	PST-4DT	7.7
MB 66-93	9.0	RONDO	7.7
MEDINA	9.0	SR 3100	7.7
NJ F-93	9.0	BAR FRR 4ZBD	7.3
PST-4ST	9.0	SEABREEZE	7.3
SANDPIPER (PRO 92/20)	9.0	BAR UR 204	7.0
SHADEMASTER II	9.0	COMMON CREEPING	6.7
SHADOW II (PST-44D)	9.0	DEFIANT (MB 81-93)	6.7
SR 5100	9.0	FLORENTINE (PST-4VB ENDO.)	6.3
TIFFANY	9.0	PAMELA	6.3
TMI-3CE	9.0	RELIANT II	6.3
TREAZURE (ZPS-MG)	9.0	VERNON (MB 83-93)	6.3
VICTORY II (PICK 4-91W)	9.0	CAS-FR13	6.0
WX3-FFG6	9.0	SCALDIS	6.0
DARWIN	8.7	BRIGADE	5.7
ECO (MB 63-93)	8.7	SPARTAN	5.7
FLYER	8.7	SILVERLAWN (WVPB-STCR-101)	5.0
MB 82-93	8.7	67135	4.3
MOLINDA	8.7	QUATRO (FO 143)	4.3
NORDIC	8.7		
SHADOW (E)	8.7	LSD VALUE	2.4
VICTORY (E)	8.7	C.V. (%)	18.6

TABLE 33B. WEED RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
WEED RATINGS 1-9; 9=NO WEEDS 2/ 3/

NAME	ME1
DAWSON	8.0
SEABREEZE	7.3
LSD VALUE	3.8
C.V. (%)	31.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ WEEDS RATED IN 1997.

TABLE 33C. WEED RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
WEED RATINGS 1-9; 9=NO WEEDS 2/ 3/

NAME	ME1
67135	4.3
QUATRO (FO 143)	4.3
LSD VALUE	2.5
C.V. (%)	35.3

TABLE 33D. WEED RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA
WEED RATINGS 1-9; 9=NO WEEDS 2/ 3/

NAME	ME1
BANNER II	9.0
BANNER III (MB 61-93)	9.0
BRIDGEPORT	9.0
BRITTANY	9.0
CULUMBRA (MB 64-93)	9.0
ISI-FC-62	9.0
JAMESTOWN	9.0
JAMESTOWN II	9.0
K-2 (MB 65-93)	9.0
MB 66-93	9.0
MEDINA	9.0
NJ F-93	9.0
SANDPIPER (PRO 92/20)	9.0
SHADOW II (PST-44D)	9.0
SR 5100	9.0
TIFFANY	9.0
TMI-3CE	9.0
TREAZURE (ZPS-MG)	9.0
VICTORY II (PICK 4-91W)	9.0
DARWIN	8.7
ECO (MB 63-93)	8.7
MOLINDA	8.7
SHADOW (E)	8.7
VICTORY (E)	8.7
WX3-FF54	8.7
CASCADE	8.0
LSD VALUE	0.7
C.V. (%)	4.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ WEEDS RATED IN 1997.

TABLE 33E. WEED RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 1994-97 DATA
 WEED RATINGS 1-9; 9=NO WEEDS 2/ 3/

NAME	ME1
ARUBA	9.0
PST-4ST	9.0
SHADEMASTER II	9.0
WX3-FFG6	9.0
FLYER	8.7
FLYER II (ZPS-4BN)	8.3
JASPER (E)	8.0
PST-4DT	7.7
RONDO	7.7
BAR FRR 4ZBD	7.3
BAR UR 204	7.0
COMMON CREEPING	6.7
FLORENTINE (PST-4VB ENDO.)	6.3
CAS-FR13	6.0
SILVERLAWN (WVPB-STCR-101)	5.0
LSD VALUE	2.7
C.V. (%)	22.2

TABLE 33F. WEED RATINGS OF HARD FESCUE CULTIVARS 1/
 1994-97 DATA
 WEED RATINGS 1-9; 9=NO WEEDS 2/ 3/

NAME	ME1
MB 82-93	8.7
NORDIC	8.7
AURORA W/ENDO.	8.3
DISCOVERY	8.3
ECOSTAR	8.3
OSPREY (PRO 92/24)	8.3
SR 3100	7.7
DEFIANT (MB 81-93)	6.7
PAMELA	6.3
RELIANT II	6.3
VERNON (MB 83-93)	6.3
SCALDIS	6.0
BRIGADE	5.7
SPARTAN	5.7
LSD VALUE	3.5
C.V. (%)	29.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ WEEDS RATED IN 1997.

TABLE 34A.

VERTICAL GROWTH RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
VERTICAL GROWTH RATINGS 1-9; 9=MOST GROWTH 2/ 3/

NAME	WA3	WA4	WA5	MEAN	NAME	WA3	WA4	WA5	MEAN
CASCADE	7.7	7.7	8.7	8.0	WX3-FF54	4.7	6.0	8.7	6.4
VICTORY (E)	7.7	8.3	8.0	8.0	DARWIN	5.7	5.3	8.0	6.3
BRIDGEPORT	6.7	8.3	8.3	7.8	JASPER (E)	6.0	5.3	7.7	6.3
JAMESTOWN II	7.3	8.0	7.7	7.7	PST-4DT	6.0	6.3	6.7	6.3
MEDINA	8.0	7.3	7.7	7.7	VICTORY II (PICK 4-91W)	5.3	6.3	7.3	6.3
JAMESTOWN	7.0	7.3	8.3	7.6	SILVERLAWN (WVPB-STCR-101)	5.3	5.7	7.7	6.2
TMI-3CE	7.3	6.7	8.3	7.4	SR 5100	4.7	6.0	7.7	6.1
K-2 (MB 65-93)	6.7	7.7	7.7	7.3	FLORENTINE (PST-4VB ENDO.)	6.0	5.3	6.7	6.0
ISI-FC-62	7.0	6.0	8.7	7.2	SCALDIS	6.3	6.7	4.7	5.9
MOLINDA	6.0	7.0	8.7	7.2	FLYER II (ZPS-4BN)	4.7	5.3	7.0	5.7
PST-4ST	6.7	6.3	8.7	7.2	NORDIC	5.7	4.7	6.7	5.7
SHADOW (E)	6.3	8.0	7.3	7.2	SHADEMASTER II	5.3	4.0	7.3	5.6
TREAZURE (ZPS-MG)	6.3	7.0	8.3	7.2	BAR FRR 4ZBD	5.7	5.0	5.7	5.4
WX3-FFG6	6.3	6.7	8.7	7.2	SPARTAN	4.7	4.7	7.0	5.4
RONDO	7.3	7.0	7.0	7.1	COMMON CREEPING	4.7	5.3	6.3	5.4
BANNER III (MB 61-93)	6.7	6.3	8.0	7.0	AURORA W/ENDO.	6.0	5.0	4.3	5.1
ECO (MB 63-93)	6.3	6.3	8.3	7.0	OSPREY (PRO 92/24)	5.0	5.3	5.0	5.1
SANDPIPER (PRO 92/20)	5.7	6.3	9.0	7.0	QUATRO (FO 143)	4.3	4.0	7.0	5.1
BANNER II	5.7	7.7	7.3	6.9	MB 82-93	4.7	5.0	5.3	5.0
MB 66-93	6.7	7.3	6.7	6.9	VERNON (MB 83-93)	5.0	4.7	5.3	5.0
SHADOW II (PST-44D)	6.0	6.7	8.0	6.9	PAMELA	5.0	3.3	5.0	4.4
TIFFANY	7.0	7.3	6.3	6.9	ECOSTAR	3.7	4.0	5.7	4.4
NJ F-93	5.3	7.0	8.0	6.8	BRIGADE	4.7	3.3	5.0	4.3
BRITTANY	5.0	6.3	8.7	6.7	DEFIANT (MB 81-93)	3.7	3.7	5.0	4.1
DAWSON	6.0	5.7	8.3	6.7	RELIANT II	5.0	3.0	4.0	4.0
ARUBA	5.7	5.7	8.3	6.6	SR 3100	5.0	1.7	5.3	4.0
CULUMBRA (MB 64-93)	5.7	6.0	8.0	6.6	67135	4.0	2.7	3.7	3.4
BAR UR 204	6.3	6.3	7.0	6.6	DISCOVERY	3.0	2.0	4.0	3.0
FLYER	6.0	5.0	8.7	6.6					
SEABREEZE	6.3	5.3	8.0	6.6	LSD VALUE	1.8	1.3	1.8	1.0
CAS-FR13	5.3	5.7	8.3	6.4	C.V. (%)	19.2	14.3	15.9	16.6

TABLE 34B. VERTICAL GROWTH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
VERTICAL GROWTH RATINGS 1-9; 9=MOST GROWTH 2/ 3/

NAME	WA3	WA4	WA5	MEAN
DAWSON	6.0	5.7	8.3	6.7
SEABREEZE	6.3	5.3	8.0	6.6
LSD VALUE	0.7	1.5	1.3	0.7
C.V. (%)	6.6	16.6	10.0	11.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ VERTICAL GROWTH RATED IN 1994.

TABLE 34C. VERTICAL GROWTH RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA
VERTICAL GROWTH RATINGS 1-9; 9=MOST GROWTH 2/ 3/

NAME	WA3	WA4	WA5	MEAN
QUATRO (FO 143)	4.3	4.0	7.0	5.1
67135	4.0	2.7	3.7	3.4
LSD VALUE	1.3	0.7	2.6	1.0
C.V. (%)	19.6	12.2	30.6	25.2

TABLE 34D. VERTICAL GROWTH RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA
VERTICAL GROWTH RATINGS 1-9; 9=MOST GROWTH 2/ 3/

NAME	WA3	WA4	WA5	MEAN
CASCADE	7.7	7.7	8.7	8.0
VICTORY (E)	7.7	8.3	8.0	8.0
BRIDGEPORT	6.7	8.3	8.3	7.8
JAMESTOWN II	7.3	8.0	7.7	7.7
MEDINA	8.0	7.3	7.7	7.7
JAMESTOWN	7.0	7.3	8.3	7.6
TMI-3CE	7.3	6.7	8.3	7.4
K-2 (MB 65-93)	6.7	7.7	7.7	7.3
ISI-FC-62	7.0	6.0	8.7	7.2
MOLINDA	6.0	7.0	8.7	7.2
SHADOW (E)	6.3	8.0	7.3	7.2
TREAZURE (ZPS-MG)	6.3	7.0	8.3	7.2
BANNER III (MB 61-93)	6.7	6.3	8.0	7.0
ECO (MB 63-93)	6.3	6.3	8.3	7.0
SANDPIPER (PRO 92/20)	5.7	6.3	9.0	7.0
BANNER II	5.7	7.7	7.3	6.9
MB 66-93	6.7	7.3	6.7	6.9
SHADOW II (PST-44D)	6.0	6.7	8.0	6.9
TIFFANY	7.0	7.3	6.3	6.9
NJ F-93	5.3	7.0	8.0	6.8
BRITTANY	5.0	6.3	8.7	6.7
CULUMBRA (MB 64-93)	5.7	6.0	8.0	6.6
WX3-FF54	4.7	6.0	8.7	6.4
DARWIN	5.7	5.3	8.0	6.3
VICTORY II (PICK 4-91W)	5.3	6.3	7.3	6.3
SR 5100	4.7	6.0	7.7	6.1
LSD VALUE	1.7	1.4	1.6	0.9
C.V. (%)	17.1	12.5	12.4	13.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ VERTICAL GROWTH RATED IN 1994.

TABLE 34E. VERTICAL GROWTH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
VERTICAL GROWTH RATINGS 1-9; 9=MOST GROWTH 2/ 3/

NAME	WA3	WA4	WA5	MEAN
PST-4ST	6.7	6.3	8.7	7.2
WX3-FFG6	6.3	6.7	8.7	7.2
RONDO	7.3	7.0	7.0	7.1
ARUBA	5.7	5.7	8.3	6.6
BAR UR 204	6.3	6.3	7.0	6.6
FLYER	6.0	5.0	8.7	6.6
CAS-FR13	5.3	5.7	8.3	6.4
JASPER (E)	6.0	5.3	7.7	6.3
PST-4DT	6.0	6.3	6.7	6.3
SILVERLAWN (WPB-STCR-101)	5.3	5.7	7.7	6.2
FLORENTINE (EST-4VB ENDO.)	6.0	5.3	6.7	6.0
FLYER II (ZPS-4BN)	4.7	5.3	7.0	5.7
SHADEMASTER II	5.3	4.0	7.3	5.6
BAR FRR 4ZBD	5.7	5.0	5.7	5.4
COMMON CREEPING	4.7	5.3	6.3	5.4
LSD VALUE	1.7	1.2	1.5	0.9
C.V. (%)	18.1	13.4	12.5	14.6

TABLE 34F. VERTICAL GROWTH RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
VERTICAL GROWTH RATINGS 1-9; 9=MOST GROWTH 2/ 3/

NAME	WA3	WA4	WA5	MEAN
SCALDIS	6.3	6.7	4.7	5.9
NORDIC	5.7	4.7	6.7	5.7
SPARTAN	4.7	4.7	7.0	5.4
AURORA W/ENDO.	6.0	5.0	4.3	5.1
OSPREY (PRO 92/24)	5.0	5.3	5.0	5.1
MB 82-93	4.7	5.0	5.3	5.0
VERNON (MB 83-93)	5.0	4.7	5.3	5.0
PAMELA	5.0	3.3	5.0	4.4
ECOSTAR	3.7	4.0	5.7	4.4
BRIGADE	4.7	3.3	5.0	4.3
DEFIANT (MB 81-93)	3.7	3.7	5.0	4.1
RELIANT II	5.0	3.0	4.0	4.0
SR 3100	5.0	1.7	5.3	4.0
DISCOVERY	3.0	2.0	4.0	3.0
LSD VALUE	2.1	1.4	2.4	1.1
C.V. (%)	26.8	20.8	28.5	26.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ VERTICAL GROWTH RATED IN 1994.

TABLE 35A.

SUMMER COLOR RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1994-97 DATA
SUMMER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	GA1	GA2	MEAN	NAME	GA1	GA2	MEAN
OSPREY (PRO 92/24)	7.3	4.0	5.7	BAR FRR 4ZBD	6.3	1.0	3.7
BRIGADE	6.7	4.3	5.5	DAWSON	6.3	1.0	3.7
SPARTAN	6.7	4.3	5.5	JAMESTOWN II	3.7	3.7	3.7
WX3-FF54	5.7	5.3	5.5	NORDIC	6.3	1.0	3.7
DISCOVERY	6.3	4.3	5.3	PAMELA	6.3	1.0	3.7
BRITTANY	5.0	5.0	5.0	SCALDIS	6.3	1.0	3.7
TMI-3CE	4.7	5.3	5.0	SHADOW II (PST-44D)	3.7	3.7	3.7
SR 5100	4.7	5.0	4.8	67135	6.0	1.0	3.5
VICTORY (E)	4.7	5.0	4.8	SEABREEZE	6.0	1.0	3.5
WX3-FFG6	5.0	4.7	4.8	SHADEMASTER II	6.0	1.0	3.5
NJ F-93	5.3	4.3	4.8	AURORA W/ENDO.	5.7	1.0	3.3
ISI-FC-62	5.0	4.3	4.7	FLYER	5.7	1.0	3.3
K-2 (MB 65-93)	5.0	4.3	4.7	FLYER II (ZPS-4EN)	5.7	1.0	3.3
SANDPIPER (PRO 92/20)	4.3	5.0	4.7	PST-4DT	5.7	1.0	3.3
ECOSTAR	7.0	2.0	4.5	PST-4ST	5.7	1.0	3.3
SR 3100	6.3	2.7	4.5	FLORENTINE (PST-4VB ENDO.)	5.7	1.0	3.3
TREAZURE (ZPS-MG)	5.0	3.7	4.3	QUATRO (FO 143)	5.7	1.0	3.3
BRIDGEPORT	4.7	3.7	4.2	BANNER II	4.3	2.3	3.3
JAMESTOWN	4.7	3.7	4.2	MEDINA	5.3	1.0	3.2
TIFFANY	4.7	3.7	4.2	CASCADE	3.3	2.7	3.0
BANNER III (MB 61-93)	4.0	4.3	4.2	RONDO	5.0	1.0	3.0
DEFIANT (MB 81-93)	6.3	2.0	4.2	BAR UR 204	4.7	1.0	2.8
RELIANT II	6.3	2.0	4.2	COMMON CREEPING	4.7	1.0	2.8
COLUMBRA (MB 64-93)	5.0	3.0	4.0	DARWIN	4.7	1.0	2.8
MB 66-93	6.0	2.0	4.0	SILVERLAWN (WVPB-STCR-101)	4.7	1.0	2.8
VICTORY II (PICK 4-91W)	5.3	2.7	4.0	SHADOW (E)	3.7	2.0	2.8
ARUBA	6.7	1.0	3.8	MOLINDA	4.3	1.0	2.7
CAS-FR13	6.7	1.0	3.8				
JASPER (E)	6.7	1.0	3.8	LSD VALUE	1.2	2.3	1.3
VERNON (MB 83-93)	6.7	1.0	3.8				
ECO (MB 63-93)	4.0	3.7	3.8	C.V. (%)	14.0	58.3	29.3
MB 82-93	5.3	2.3	3.8				

TABLE 35B. SUMMER COLOR RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
SUMMER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	GA1	GA2	MEAN
DAWSON	6.3	1	3.7
SEABREEZE	6.0	1	3.5
LSD VALUE	1.3	0	0.7
C.V. (%)	13.2	0	16.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ SUMMER COLOR RATED IN 1996.

TABLE 35C. SUMMER COLOR RATINGS OF SHEEP FESCUE CULTIVARS 1/
 1994-97 DATA
 SUMMER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	GA1	GA2	MEAN
67135	6.0	1	3.5
QUATRO (FO 143)	5.7	1	3.3
LSD VALUE	1.7	0	0.9
C.V. (%)	18.5	0	22.4

TABLE 35D. SUMMER COLOR RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 1994-97 DATA
 SUMMER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	GA1	GA2	MEAN
WX3-FF54	5.7	5.3	5.5
BRITTANY	5.0	5.0	5.0
TMI-3CE	4.7	5.3	5.0
SR 5100	4.7	5.0	4.8
VICTORY (E)	4.7	5.0	4.8
NJ F-93	5.3	4.3	4.8
ISI-FC-62	5.0	4.3	4.7
K-2 (MB 65-93)	5.0	4.3	4.7
SANDPIPER (PRO 92/20)	4.3	5.0	4.7
TREAZURE (ZPS-MG)	5.0	3.7	4.3
BRIDGEPORT	4.7	3.7	4.2
JAMESTOWN	4.7	3.7	4.2
TIFFANY	4.7	3.7	4.2
BANNER III (MB 61-93)	4.0	4.3	4.2
COLUMBRA (MB 64-93)	5.0	3.0	4.0
MB 66-93	6.0	2.0	4.0
VICTORY II (PICK 4-91W)	5.3	2.7	4.0
ECO (MB 63-93)	4.0	3.7	3.8
JAMESTOWN II	3.7	3.7	3.7
SHADOW II (PST-44D)	3.7	3.7	3.7
BANNER II	4.3	2.3	3.3
MEDINA	5.3	1.0	3.2
CASCADE	3.3	2.7	3.0
DARWIN	4.7	1.0	2.8
SHADOW (E)	3.7	2.0	2.8
MOLINDA	4.3	1.0	2.7
LSD VALUE	1.0	2.8	1.5
C.V. (%)	14.0	49.4	32.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ SUMMER COLOR RATED IN 1996.

TABLE 35E. SUMMER COLOR RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA
SUMMER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	GA1	GA2	MEAN
WX3-FFG6	5.0	4.7	4.8
ARUBA	6.7	1.0	3.8
CAS-FR13	6.7	1.0	3.8
JASPER (E)	6.7	1.0	3.8
BAR FRR 4ZBD	6.3	1.0	3.7
SHADEMASTER II	6.0	1.0	3.5
FLYER	5.7	1.0	3.3
FLYER II (ZPS-4BN)	5.7	1.0	3.3
PST-4DT	5.7	1.0	3.3
PST-4ST	5.7	1.0	3.3
FLORENTINE (PST-4VB ENDO.)	5.7	1.0	3.3
RONDO	5.0	1.0	3.0
BAR UR 204	4.7	1.0	2.8
COMMON CREEPING	4.7	1.0	2.8
SILVERLAWN (WVPB-STCR-101)	4.7	1.0	2.8
LSD VALUE	1.3	0.5	0.7
C.V. (%)	14.5	24.0	17.8

TABLE 35F. SUMMER COLOR RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA
SUMMER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/

NAME	GA1	GA2	MEAN
OSPREY (PRO 92/24)	7.3	4.0	5.7
BRIGADE	6.7	4.3	5.5
SPARTAN	6.7	4.3	5.5
DISCOVERY	6.3	4.3	5.3
ECOSTAR	7.0	2.0	4.5
SR 3100	6.3	2.7	4.5
DEFIANT (MB 81-93)	6.3	2.0	4.2
RELIANT II	6.3	2.0	4.2
VERNON (MB 83-93)	6.7	1.0	3.8
MB 82-93	5.3	2.3	3.8
NORDIC	6.3	1.0	3.7
PAMELA	6.3	1.0	3.7
SCALDIS	6.3	1.0	3.7
AURORA W/ENDO.	5.7	1.0	3.3
LSD VALUE	1.3	2.9	1.6
C.V. (%)	12.7	75.8	31.7

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ SUMMER COLOR RATED IN 1996.

TABLE 36A. PYTHIUM ROOT ROT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 AT STILLWATER, OK 2/
 1994-97 DATA
 PYTHIUM ROOT ROT RATINGS 1-9; 9=NO DISEASE 3/

NAME	APRIL	JULY	MEAN	NAME	APRIL	JULY	MEAN
DISCOVERY	7.0	6.3	6.7	ECO (MB 63-93)	5.7	3.7	4.7
SR 3100	5.7	6.3	6.0	ISI-FC-62	5.7	3.7	4.7
RELIANT II	6.0	5.7	5.8	SHADEMASTER II	6.0	3.3	4.7
CULUMBRA (MB 64-93)	6.7	4.3	5.5	TMI-3CE	6.0	3.3	4.7
MB 82-93	6.3	4.7	5.5	WX3-FFG6	5.3	4.0	4.7
VERNON (MB 83-93)	6.0	5.0	5.5	OSPREY (PRO 92/24)	5.3	3.7	4.5
BANNER III (MB 61-93)	6.3	4.3	5.3	RONDO	5.7	3.3	4.5
DEFIANT (MB 81-93)	5.3	5.3	5.3	SANDPIPER (PRO 92/20)	5.3	3.7	4.5
ECOSTAR	6.0	4.7	5.3	SEABREEZE	6.0	3.0	4.5
NORDIC	6.0	4.7	5.3	SILVERLAWN (WVPB-STCR-101)	5.3	3.7	4.5
BRIDGEPORT	5.7	4.3	5.0	BRITTANY	5.3	3.3	4.3
FLORENTINE (PST-4VB ENDO.)	6.0	4.0	5.0	FLYER II (ZPS-4BN)	5.3	3.3	4.3
JAMESTOWN II	6.0	4.0	5.0	JASPER (E)	5.0	3.7	4.3
MB 66-93	6.0	4.0	5.0	MEDINA	6.0	2.7	4.3
NJ F-93	6.0	4.0	5.0	QUATRO (FO 143)	5.3	3.3	4.3
PST-4DT	6.3	3.7	5.0	VICTORY II (PICK 4-91W)	5.3	3.3	4.3
SCALDIS	6.3	3.7	5.0	MOLINDA	5.3	3.0	4.2
SHADOW II (PST-44D)	6.3	3.7	5.0	SHADOW (E)	5.3	3.0	4.2
TREAZURE (ZPS-MG)	6.0	4.0	5.0	CAS-FR13	5.7	2.3	4.0
WX3-FF54	6.3	3.7	5.0	DARWIN	5.0	3.0	4.0
ARUBA	6.3	3.3	4.8	SPARTAN	5.0	3.0	4.0
AURORA W/ENDO.	5.3	4.3	4.8	DAWSON	4.3	3.3	3.8
BRIGADE	6.0	3.7	4.8	BAR FRR 4ZBD	5.0	2.3	3.7
JAMESTOWN	6.0	3.7	4.8	CASCADE	4.0	3.3	3.7
K-2 (MB 65-93)	6.3	3.3	4.8	BAR UR 204	3.3	3.7	3.5
PAMELA	5.7	4.0	4.8	COMMON CREEPING	5.0	2.0	3.5
PST-4ST	5.7	4.0	4.8	FLYER	4.0	3.0	3.5
SR 5100	6.0	3.7	4.8	67135	3.0	2.3	2.7
TIFFANY	6.0	3.7	4.8				
VICTORY (E)	6.0	3.7	4.8	LSL VALUE	1.1	1.1	0.9
BANNER II	5.0	4.3	4.7	C.V. (%)	12.1	18.4	11.3

TABLE 36B. PYTHIUM ROOT ROT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
 AT STILLWATER, OK 2/
 1994-97 DATA
 PYTHIUM ROOT ROT RATINGS 1-9; 9=NO DISEASE 3/

NAME	APRIL	JULY	MEAN
SEABREEZE	6.0	3.0	4.5
DAWSON	4.3	3.3	3.8
LSL VALUE	2.9	1.4	0.9
C.V. (%)	15.8	12.9	13.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PYTHIUM ROOT ROT RATED IN 1994.

TABLE 36C. PYTHIUM ROOT ROT RATINGS OF SHEEP FESCUE CULTIVARS 1/
 AT STILLWATER, OK 2/
 1994-97 DATA
 PYTHIUM ROOT ROT RATINGS 1-9; 9=NO DISEASE 3/

NAME	APRIL	JULY	MEAN
QUATRO (FO 143)	5.3	3.3	4.3
67135	3.0	2.3	2.7
LSD VALUE	1.4	2.5	1.4
C.V. (%)	9.8	25.0	11.7

TABLE 36D. PYTHIUM ROOT ROT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 AT STILLWATER, OK 2/
 1994-97 DATA
 PYTHIUM ROOT ROT RATINGS 1-9; 9=NO DISEASE 3/

NAME	APRIL	JULY	MEAN
CULUMBRA (MB 64-93)	6.7	4.3	5.5
BANNER III (MB 61-93)	6.3	4.3	5.3
BRIDGEPORT	5.7	4.3	5.0
JAMESTOWN II	6.0	4.0	5.0
MB 66-93	6.0	4.0	5.0
NJ F-93	6.0	4.0	5.0
SHADOW II (PST-44D)	6.3	3.7	5.0
TREAZURE (ZPS-MG)	6.0	4.0	5.0
WX3-FF54	6.3	3.7	5.0
JAMESTOWN	6.0	3.7	4.8
K-2 (MB 65-93)	6.3	3.3	4.8
SR 5100	6.0	3.7	4.8
TIFFANY	6.0	3.7	4.8
VICTORY (E)	6.0	3.7	4.8
BANNER II	5.0	4.3	4.7
ECO (MB 63-93)	5.7	3.7	4.7
ISI-FC-62	5.7	3.7	4.7
TMI-3CE	6.0	3.3	4.7
SANDPIPER (PRO 92/20)	5.3	3.7	4.5
BRITTANY	5.3	3.3	4.3
MEDINA	6.0	2.7	4.3
VICTORY II (PICK 4-91W)	5.3	3.3	4.3
MOLINDA	5.3	3.0	4.2
SHADOW (E)	5.3	3.0	4.2
DARWIN	5.0	3.0	4.0
CASCADE	4.0	3.3	3.7
LSD VALUE	1.7	1.5	1.1
C.V. (%)	12.6	16.8	10.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PYTHIUM ROOT ROT RATED IN 1994.

TABLE 36E. PYTHIUM ROOT ROT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 AT STILLWATER, OK 2/
 1994-97 DATA
 PYTHIUM ROOT ROT RATINGS 1-9; 9=NO DISEASE 3/

NAME	APRIL	JULY	MEAN
FLORENTINE (PST-4VB ENDO.)	6.0	4.0	5.0
PST-4DT	6.3	3.7	5.0
ARUBA	6.3	3.3	4.8
PST-4ST	5.7	4.0	4.8
SHADEMASTER II	6.0	3.3	4.7
WX3-FFG6	5.3	4.0	4.7
RONDO	5.7	3.3	4.5
SILVERLAWN (WVPB-STCR-101)	5.3	3.7	4.5
FLYER II (ZPS-4BN)	5.3	3.3	4.3
JASPER (E)	5.0	3.7	4.3
CAS-FR13	5.7	2.3	4.0
BAR FRR 4ZBD	5.0	2.3	3.7
BAR UR 204	3.3	3.7	3.5
COMMON CREEPING	5.0	2.0	3.5
FLYER	4.0	3.0	3.5
LSD VALUE	1.2	1.5	1.1
C.V. (%)	13.1	21.7	13.2

TABLE 36F. PYTHIUM ROOT ROT RATINGS OF HARD FESCUE CULTIVARS 1/
 AT STILLWATER, OK 2/
 1994-97 DATA
 PYTHIUM ROOT ROT RATINGS 1-9; 9=NO DISEASE 3/

NAME	APRIL	JULY	MEAN
DISCOVERY	7.0	6.3	6.7
SR 3100	5.7	6.3	6.0
RELIANT II	6.0	5.7	5.8
MB 82-93	6.3	4.7	5.5
VERNON (MB 83-93)	6.0	5.0	5.5
DEFIANT (MB 81-93)	5.3	5.3	5.3
ECOSTAR	6.0	4.7	5.3
NORDIC	6.0	4.7	5.3
SCALDIS	6.3	3.7	5.0
AURORA W/ENDO.	5.3	4.3	4.8
BRIGADE	6.0	3.7	4.8
PAMELA	5.7	4.0	4.8
OSPREY (PRO 92/24)	5.3	3.7	4.5
SPARTAN	5.0	3.0	4.0
LSD VALUE	1.3	1.4	1.0
C.V. (%)	10.6	17.7	10.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PYTHIUM ROOT ROT RATED IN 1994.

TABLE 37A. PERCENT RED THREAD (MAY) RATINGS OF FINELEAF FESCUE CULTIVARS 1/
1997 DATA 2/ 3/

NAME	KY1	NAME	KY1
BAR FRR 4ZBD	36.7	VICTORY (E)	6.0
BAR UR 204	35.7	JAMESTOWN II	4.3
ARUBA	34.3	SHADOW (E)	4.0
SHADEMASTER II	31.3	WX3-FF54	4.0
FLYER II (ZPS-4BN)	26.7	CASCADE	3.7
SILVERLAWN (WVPB-STCR-101)	23.3	CULUMBRA (MB 64-93)	3.7
PST-4DT	22.7	DISCOVERY	3.7
NORDIC	19.0	WX3-FFG6	3.7
FLYER	17.7	TIFFANY	3.0
PAMELA	17.3	SANDPIPER (PRO 92/20)	2.7
FLORENTINE (PST-4VB ENDO.)	17.0	JAMESTOWN	2.3
JASPER (E)	15.3	MB 66-93	2.3
ECOSTAR	15.0	67135	2.0
PST-4ST	14.7	BANNER III (MB 61-93)	2.0
VERNON (MB 83-93)	14.7	VICTORY II (PICK 4-91W)	2.0
MOLINDA	13.7	BANNER II	1.7
SCALDIS	13.3	ECO (MB 63-93)	1.3
CAS-FR13	12.0	BRIDGEPORT	0.7
BRIGADE	11.0	BRITTANY	0.7
SR 3100	11.0	ISI-FC-62	0.7
AURORA W/ENDO.	10.7	K-2 (MB 65-93)	0.3
RELIANT II	10.7	DARWIN	0.0
SPARTAN	9.0	DAWSON	0.0
COMMON CREEPING	8.0	NJ F-93	0.0
TREAZURE (ZPS-MG)	7.7	RONDO	0.0
MEDINA	7.3	SEABREEZE	0.0
QUATRO (FO 143)	7.3	SHADOW II (PST-44D)	0.0
OSPREY (PRO 92/24)	7.0	SR 5100	0.0
DEFIANT (MB 81-93)	6.7		
MB 82-93	6.7	LSD VALUE	10.4
TMI-3CE	6.0	C.V. (%)	70.2

TABLE 37B. PERCENT RED THREAD (MAY) RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA 2/ 3/

NAME	KY1
DAWSON	0
SEABREEZE	0
LSD VALUE	0
C.V. (%)	.

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT RED THREAD (MAY) RATED IN 1997.

TABLE 37C. PERCENT RED THREAD (MAY) RATINGS OF SHEEP FESCUE CULTIVARS 1/
1994-97 DATA 2/ 3/

NAME	KY1
QUATRO (FO 143)	7.3
67135	2.0
LSD VALUE	8.3
C.V. (%)	110.7

TABLE 37D. PERCENT RED THREAD (MAY) RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
1994-97 DATA 2/ 3/

NAME	KY1
MOLINDA	13.7
TREAZURE (ZPS-MG)	7.7
MEDINA	7.3
TMI-3CE	6.0
VICTORY (E)	6.0
JAMESTOWN II	4.3
SHADOW (E)	4.0
WX3-FF54	4.0
CASCADE	3.7
CULUMBRA (MB 64-93)	3.7
TIFFANY	3.0
SANDPIPER (PRO 92/20)	2.7
JAMESTOWN	2.3
MB 66-93	2.3
BANNER III (MB 61-93)	2.0
VICTORY II (PICK 4-91W)	2.0
BANNER II	1.7
ECO (MB 63-93)	1.3
BRIDGEPORT	0.7
BRITTANY	0.7
ISI-FC-62	0.7
K-2 (MB 65-93)	0.3
DARWIN	0.0
NJ F-93	0.0
SHADOW II (PST-44D)	0.0
SR 5100	0.0
LSD VALUE	7.8
C.V. (%)	157.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT RED THREAD (MAY) RATED IN 1997.

TABLE 37E. PERCENT RED THREAD (MAY) RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
1994-97 DATA 2/ 3/

NAME	KY1
BAR FRR 4ZBD	36.7
BAR UR 204	35.7
ARUBA	34.3
SHADEMASTER II	31.3
FLYER II (ZPS-4BN)	26.7
SILVERLAWN (WVPB-STCR-101)	23.3
PST-4DT	22.7
FLYER	17.7
FLORENTINE (PST-4VB ENDO.)	17.0
JASPER (E)	15.3
PST-4ST	14.7
CAS-FR13	12.0
COMMON CREEPING	8.0
WX3-FFG6	3.7
RONDO	0.0
LSD VALUE	14.2
C.V. (%)	44.4

TABLE 37F. PERCENT RED THREAD (MAY) RATINGS OF HARD FESCUE CULTIVARS 1/
1994-97 DATA 2/ 3/

NAME	KY1
NORDIC	19.0
PAMELA	17.3
ECOSTAR	15.0
VERNON (MB 83-93)	14.7
SCALDIS	13.3
BRIGADE	11.0
SR 3100	11.0
AURORA W/ENDO.	10.7
RELIANT II	10.7
SPARTAN	9.0
OSPREY (PRO 92/24)	7.0
DEFIANT (MB 81-93)	6.7
MB 82-93	6.7
DISCOVERY	3.7
LSD VALUE	10.8
C.V. (%)	60.5

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT RED THREAD (MAY) RATED IN 1997.

TABLE 38A. RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 AT ORONO, ME
 1994-97 DATA
 RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
JASPER (E)	8.3	7.7	9.0	9.0	8.5
BAR FRR 4ZBD	9.0	7.3	8.3	9.0	8.4
FLORENTINE (PST-4VB ENDO.)	8.7	7.0	9.0	9.0	8.4
JAMESTOWN II	8.7	6.3	9.0	9.0	8.3
SHADEMASTER II	8.0	7.3	9.0	9.0	8.3
VICTORY (E)	9.0	6.3	8.7	9.0	8.3
VICTORY II (PICK 4-91W)	9.0	6.0	9.0	9.0	8.3
BANNER III (MB 61-93)	9.0	5.7	9.0	9.0	8.2
BRITTANY	8.7	6.0	9.0	9.0	8.2
MOLINDA	9.0	5.7	9.0	9.0	8.2
NJ F-93	9.0	6.3	8.7	8.7	8.2
TREAZURE (ZPS-MG)	9.0	5.7	9.0	9.0	8.2
BAR UR 204	7.7	6.7	9.0	9.0	8.1
DISCOVERY	9.0	6.3	8.0	9.0	8.1
K-2 (MB 65-93)	9.0	5.3	9.0	9.0	8.1
SANDPIPER (PRO 92/20)	8.7	5.7	9.0	9.0	8.1
SILVERLAWN (WVPB-STCR-101)	8.0	6.7	8.7	9.0	8.1
SR 5100	9.0	5.3	9.0	9.0	8.1
TIFFANY	8.3	6.0	9.0	9.0	8.1
BANNER II	8.7	5.3	9.0	9.0	8.0
CULUMBRA (MB 64-93)	9.0	5.3	8.7	9.0	8.0
DEFIANT (MB 81-93)	8.7	5.7	8.7	9.0	8.0
ECOSTAR	9.0	7.0	7.0	9.0	8.0
MB 82-93	8.7	5.7	8.7	9.0	8.0
TMI-3CE	9.0	5.3	8.7	9.0	8.0
AURORA W/ENDO.	8.7	5.7	8.7	8.7	7.9
BRIDGEPORT	8.7	5.3	8.7	9.0	7.9
JAMESTOWN	8.7	6.0	8.0	9.0	7.9
MEDINA	9.0	5.0	8.7	9.0	7.9
OSPREY (PRO 92/24)	9.0	5.7	8.0	9.0	7.9
SHADOW (E)	9.0	5.0	8.7	9.0	7.9
SHADOW II (PST-44D)	9.0	4.7	9.0	9.0	7.9
ARUBA	7.3	7.0	8.0	9.0	7.8
ECO (MB 63-93)	8.7	5.0	8.7	9.0	7.8
ISI-FC-62	8.7	4.7	8.7	9.0	7.8
MB 66-93	8.3	6.3	7.7	9.0	7.8
NORDIC	9.0	5.0	8.0	9.0	7.8
RELIANT II	8.3	5.3	8.3	9.0	7.8
SCALDIS	9.0	6.0	7.3	9.0	7.8
SR 3100	8.7	4.7	8.7	9.0	7.8
WX3-FF54	9.0	5.3	8.7	8.3	7.8
DARWIN	9.0	3.7	9.0	9.0	7.7
FLYER II (ZPS-4BN)	6.7	7.3	8.7	8.0	7.7
PST-4DT	7.7	5.3	8.7	9.0	7.7
PST-4ST	8.0	7.0	8.7	7.0	7.7
CASCADE	7.7	4.7	8.7	9.0	7.5
FLYER	7.7	4.7	8.7	9.0	7.5
WX3-FFG6	7.3	4.7	9.0	9.0	7.5
CAS-FR13	7.3	5.7	8.3	8.3	7.4

TABLE 38A. RED THREAD RATINGS OF FINELEAF FESCUE CULTIVARS
(CONT'D)
AT ORONO, ME
1994-97 DATA
RED THREAD RATINGS 1-9; 9=NO DISEASE

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
RONDO	8.7	4.7	7.0	9.0	7.3
67135	7.3	3.0	9.0	9.0	7.1
BRIGADE	6.7	4.0	8.7	9.0	7.1
QUATRO (FO 143)	7.3	4.7	7.3	9.0	7.1
PAMELA	6.7	5.0	8.3	8.0	7.0
COMMON CREEPING	7.7	5.0	6.3	8.3	6.8
DAWSON	6.3	5.0	8.0	7.7	6.8
SPARTAN	8.0	4.7	8.3	6.3	6.8
VERNON (MB 83-93)	7.7	4.0	8.0	7.3	6.8
SEABREEZE	7.7	2.3	7.7	9.0	6.7
LSD VALUE	4.6	3.0	2.3	3.8	2.3
C.V. (%)	15.0	24.5	10.1	10.9	9.4

TABLE 38B. RED THREAD RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS
AT ORONO, ME 1/
1994-97 DATA
RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
DAWSON	6.3	5.0	8.0	7.7	6.8
SEABREEZE	7.7	2.3	7.7	9.0	6.7
LSD VALUE	5.7	3.8	5.2	5.7	5.1
C.V. (%)	23.3	29.5	18.8	19.6	21.5

TABLE 38C. RED THREAD RATINGS OF SHEEP FESCUE CULTIVARS
AT ORONO, ME 1/
1994-97 DATA
RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
67135	7.3	3.0	9.0	9	7.1
QUATRO (FO 143)	7.3	4.7	7.3	9	7.1
LSD VALUE	4.0	2.9	7.2	0	2.2
C.V. (%)	19.3	21.3	25.0	0	9.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD RATED IN 1997.

TABLE 38D. RED THREAD RATINGS OF CHEWINGS FESCUE CULTIVARS
AT ORONO, ME 1/
1994-97 DATA

RED THREAD RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
JAMESTOWN II	8.7	6.3	9.0	9.0	8.3
VICTORY (E)	9.0	6.3	8.7	9.0	8.3
VICTORY II (PICK 4-91W)	9.0	6.0	9.0	9.0	8.3
BANNER III (MB 61-93)	9.0	5.7	9.0	9.0	8.2
BRITTANY	8.7	6.0	9.0	9.0	8.2
MOLINDA	9.0	5.7	9.0	9.0	8.2
NJ F-93	9.0	6.3	8.7	8.7	8.2
TREAZURE (ZPS-MG)	9.0	5.7	9.0	9.0	8.2
K-2 (MB 65-93)	9.0	5.3	9.0	9.0	8.1
SANDPIPER (PRO 92/20)	8.7	5.7	9.0	9.0	8.1
SR 5100	9.0	5.3	9.0	9.0	8.1
TIFFANY	8.3	6.0	9.0	9.0	8.1
BANNER II	8.7	5.3	9.0	9.0	8.0
CULUMBRA (MB 64-93)	9.0	5.3	8.7	9.0	8.0
TMI-3CE	9.0	5.3	8.7	9.0	8.0
BRIDGEPORT	8.7	5.3	8.7	9.0	7.9
JAMESTOWN	8.7	6.0	8.0	9.0	7.9
MEDINA	9.0	5.0	8.7	9.0	7.9
SHADOW (E)	9.0	5.0	8.7	9.0	7.9
SHADOW II (PST-44D)	9.0	4.7	9.0	9.0	7.9
ECO (MB 63-93)	8.7	5.0	8.7	9.0	7.8
ISI-FC-62	8.7	4.7	8.7	9.0	7.8
MB 66-93	8.3	6.3	7.7	9.0	7.8
WX3-FF54	9.0	5.3	8.7	8.3	7.8
DARWIN	9.0	3.7	9.0	9.0	7.7
CASCADE	7.7	4.7	8.7	9.0	7.5
LSD VALUE	2.1	5.3	0.9	0.8	1.8
C.V. (%)	6.8	25.6	4.7	2.8	5.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD RATED IN 1997.

TABLE 38E. RED THREAD RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS
 AT ORONO, ME 1/
 1994-97 DATA
 RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
JASPER (E)	8.3	7.7	9.0	9.0	8.5
BAR FRR 4ZBD	9.0	7.3	8.3	9.0	8.4
FLORENTINE (PST-4VB ENDO.)	8.7	7.0	9.0	9.0	8.4
SHADEMASTER II	8.0	7.3	9.0	9.0	8.3
BAR UR 204	7.7	6.7	9.0	9.0	8.1
SILVERLAWN (WVPB-STCR-101)	8.0	6.7	8.7	9.0	8.1
ARUBA	7.3	7.0	8.0	9.0	7.8
FLYER II (ZPS-4BN)	6.7	7.3	8.7	8.0	7.7
PST-4DT	7.7	5.3	8.7	9.0	7.7
PST-4ST	8.0	7.0	8.7	7.0	7.7
FLYER	7.7	4.7	8.7	9.0	7.5
WX3-FFG6	7.3	4.7	9.0	9.0	7.5
CAS-FR13	7.3	5.7	8.3	8.3	7.4
RONDO	8.7	4.7	7.0	9.0	7.3
COMMON CREEPING	7.7	5.0	6.3	8.3	6.8
LSD VALUE	-	2.8	1.8	-	-
C.V. (%)	21.8	21.3	10.3	12.5	11.4

TABLE 38F. RED THREAD RATINGS OF HARD FESCUE CULTIVARS
 AT ORONO, ME 1/
 1994-97 DATA
 RED THREAD RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUNE	JULY	AUGUST	SEPTEMBER	MEAN
DISCOVERY	9.0	6.3	8.0	9.0	8.1
DEFIANT (MB 81-93)	8.7	5.7	8.7	9.0	8.0
ECOSTAR	9.0	7.0	7.0	9.0	8.0
MB 82-93	8.7	5.7	8.7	9.0	8.0
AURORA W/ENDO.	8.7	5.7	8.7	8.7	7.9
OSPREY (PRO 92/24)	9.0	5.7	8.0	9.0	7.9
NORDIC	9.0	5.0	8.0	9.0	7.8
RELIANT II	8.3	5.3	8.3	9.0	7.8
SCALDIS	9.0	6.0	7.3	9.0	7.8
SR 3100	8.7	4.7	8.7	9.0	7.8
BRIGADE	6.7	4.0	8.7	9.0	7.1
PAMELA	6.7	5.0	8.3	8.0	7.0
SPARTAN	8.0	4.7	8.3	6.3	6.8
VERNON (MB 83-93)	7.7	4.0	8.0	7.3	6.8
LSD VALUE	3.4	3.4	-	4.1	2.1
C.V. (%)	15.6	24.6	14.4	16.8	10.3

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ RED THREAD RATED IN 1997.

TABLE 39A.

PERCENT BROWN PATCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 AT LEXINGTON, KY 2/ 3/
 1994-97 DATA

NAME	JULY	AUGUST	MEAN	NAME	JULY	AUGUST	MEAN
DAWSON	23.7	98.0	60.8	MB 66-93	5.7	22.7	14.2
DARWIN	22.7	91.7	57.2	ECOSTAR	8.3	19.7	14.0
RONDO	19.3	95.0	57.2	SILVERLAWN (WVPB-STCR-101)	4.3	23.7	14.0
CASCADE	28.3	85.0	56.7	NJ F-93	8.7	18.0	13.3
JAMESTOWN II	16.0	86.7	51.3	FLORENTINE (PST-4VB ENDO.)	2.3	23.7	13.0
COMMON CREEPING	8.7	88.3	48.5	DISCOVERY	5.0	20.3	12.7
SEABREEZE	10.3	86.0	48.2	CAS-FR13	2.7	22.0	12.3
JAMESTOWN	22.7	70.0	46.3	TREAZURE (ZPS-MG)	2.3	20.7	11.5
QUATRO (FO 143)	21.7	68.7	45.2	BAR FRR 4ZBD	3.7	18.7	11.2
67135	20.0	65.0	42.5	CULUMBRA (MB 64-93)	3.0	18.3	10.7
VERNON (MB 83-93)	19.0	53.3	36.2	OSPNEY (PRO 92/24)	2.3	15.0	8.7
BANNER II	16.3	55.0	35.7	JASPER (E)	4.3	12.7	8.5
MOLINDA	12.3	56.0	34.2	PST-4DT	1.3	15.0	8.2
FLYER	5.3	61.7	33.5	BANNER III (MB 61-93)	1.0	15.0	8.0
NORDIC	10.0	56.7	33.3	ISI-FC-62	4.3	11.7	8.0
WX3-FFG6	8.3	56.0	32.2	TMI-3CE	4.3	11.7	8.0
MEDINA	10.3	53.3	31.8	SR 5100	3.0	12.7	7.8
SPARTAN	16.3	43.3	29.8	BRITTANY	2.0	12.7	7.3
SCALDIS	15.7	35.0	25.3	SANDPIPER (PRO 92/20)	1.3	12.3	6.8
AURORA W/ENDO.	6.7	42.3	24.5	PST-4ST	2.3	10.0	6.2
DEFIANT (MB 81-93)	11.7	36.0	23.8	BRIDGEPORT	2.0	10.0	6.0
K-2 (MB 65-93)	16.3	30.3	23.3	ECO (MB 63-93)	4.0	8.0	6.0
PAMELA	16.3	29.3	22.8	FLYER II (ZPS-4BN)	3.0	7.7	5.3
VICTORY (E)	17.3	27.3	22.3	ARUBA	2.0	8.0	5.0
SHADOW (E)	9.3	33.7	21.5	VICTORY II (PICK 4-91W)	2.3	7.0	4.7
RELIANT II	8.7	31.0	19.8	TIFFANY	3.0	6.0	4.5
SR 3100	9.3	30.0	19.7	SHADEMASTER II	0.3	6.3	3.3
BRIGADE	11.7	26.3	19.0	SHADOW II (PST-44D)	0.7	3.7	2.2
MB 82-93	6.7	28.3	17.5				
WX3-FF54	4.3	28.3	16.3	LSO VALUE	6.0	21.1	11.7
BAR UR 204	7.0	21.7	14.3	C.V. (%)	44.9	40.4	40.0

TABLE 39B.

PERCENT BROWN PATCH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
 AT LEXINGTON, KY 2/ 3/
 1994-97 DATA

NAME	JULY	AUGUST	MEAN
DAWSON	23.7	98	60.8
SEABREEZE	10.3	86	48.2
LSO VALUE	1.4	25.8	12.2
C.V. (%)	2.4	8.0	6.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT BROWN PATCH RATED IN 1995.

TABLE 39C. PERCENT BROWN PATCH RATINGS OF SPEEP FESCUE CULTIVARS 1/
 AT LEXINGTON, KY 2/ 3/
 1994-97 DATA

NAME	JULY	AUGUST	MEAN
QUAIRO (FO 143)	21.7	68.7	45.2
67135	20.0	65.0	42.5
LSD VALUE	19.0	160.4	89.1
C.V. (%)	25.9	68.3	58.2

TABLE 39D. PERCENT BROWN PATCH RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 AT LEXINGTON, KY 2/ 3/
 1994-97 DATA

NAME	JULY	AUGUST	MEAN
DARWIN	22.7	91.7	57.2
CASCADE	28.3	85.0	56.7
JAMESTOWN II	16.0	86.7	51.3
JAMESTOWN	22.7	70.0	46.3
BANNER II	16.3	55.0	35.7
MOLINDA	12.3	56.0	34.2
MEDINA	10.3	53.3	31.8
K-2 (MB 65-93)	16.3	30.3	23.3
VICTORY (E)	17.3	27.3	22.3
SHADOW (E)	9.3	33.7	21.5
WX3-FF54	4.3	28.3	16.3
MB 66-93	5.7	22.7	14.2
NJ F-93	8.7	18.0	13.3
TREAZURE (ZPS-MG)	2.3	20.7	11.5
CULUMBRA (MB 64-93)	3.0	18.3	10.7
BANNER III (MB 61-93)	1.0	15.0	8.0
ISI-FC-62	4.3	11.7	8.0
TMI-3CE	4.3	11.7	8.0
SR 5100	3.0	12.7	7.8
BRITTANY	2.0	12.7	7.3
SANDPIPER (PRO 92/20)	1.3	12.3	6.8
BRIDGEPORT	2.0	10.0	6.0
ECO (MB 63-93)	4.0	8.0	6.0
VICTORY II (PICK 4-91W)	2.3	7.0	4.7
TIFFANY	3.0	6.0	4.5
SHADOW II (PST-44D)	0.7	3.7	2.2
LSD VALUE	6.4	15.6	9.0
C.V. (%)	48.7	33.8	30.8

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT BROWN PATCH RATED IN 1995.

TABLE 39E. PERCENT BROWN PATCH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 AT LEXINGTON, KY 2/ 3/
 1994-97 DATA

NAME	JULY	AUGUST	MEAN
RONDO	19.3	95.0	57.2
COMMON CREEPING	8.7	88.3	48.5
FLYER	5.3	61.7	33.5
WX3-FFG6	8.3	56.0	32.2
BAR UR 204	7.0	21.7	14.3
SILVERLAWN (WVPB-STCR-101)	4.3	23.7	14.0
FLORENTINE (PST-4VB ENDO.)	2.3	23.7	13.0
CAS-FR13	2.7	22.0	12.3
BAR FRR 4ZBD	3.7	18.7	11.2
JASPER (E)	4.3	12.7	8.5
PST-4DT	1.3	15.0	8.2
PST-4ST	2.3	10.0	6.2
FLYER II (ZPS-4BN)	3.0	7.7	5.3
ARUBA	2.0	8.0	5.0
SHADEMASTER II	0.3	6.3	3.3
LSD VALUE	5.6	15.1	8.4
C.V. (%)	66.8	31.8	30.0

TABLE 39F. PERCENT BROWN PATCH RATINGS OF HARD FESCUE CULTIVARS 1/
 AT LEXINGTON, KY 2/ 3/
 1994-97 DATA

NAME	JULY	AUGUST	MEAN
VERNON (MB 83-93)	19.0	53.3	36.2
NORDIC	10.0	56.7	33.3
SPARTAN	16.3	43.3	29.8
SCALDIS	15.7	35.0	25.3
AURORA W/ENDO.	6.7	42.3	24.5
DEFIANT (MB 81-93)	11.7	36.0	23.8
PAMELA	16.3	29.3	22.8
RELIANT II	8.7	31.0	19.8
SR 3100	9.3	30.0	19.7
BRIGADE	11.7	26.3	19.0
MB 82-93	6.7	28.3	17.5
ECOSTAR	8.3	19.7	14.0
DISCOVERY	5.0	20.3	12.7
OSPREY (PRO 92/24)	2.3	15.0	8.7
LSD VALUE	6.4	35.7	15.5
C.V. (%)	35.4	47.2	36.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ PERCENT BROWN PATCH RATED IN 1995.

TABLE 40A.

BROWN PATCH RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1994-97 DATA
 BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	JULY	AUGUST	MEAN	NAME	JUNE	JULY	AUGUST	MEAN
NJ F-93	7.7	7.0	5.3	6.7	SHADOW (E)	5.7	4.3	4.7	4.9
CULUMBRA (MB 64-93)	7.3	6.0	6.0	6.4	WX3-FFG6	4.3	4.0	6.3	4.9
SHADEMASTER II	6.3	6.7	6.3	6.4	AURORA W/ENDO.	4.7	4.3	5.3	4.8
DARWIN	6.7	7.3	5.0	6.3	RONDO	4.7	5.0	4.7	4.8
FLORENTINE (PST-4VB ENDO.)	6.7	6.0	6.3	6.3	SPARTAN	5.3	4.3	4.7	4.8
SR 5100	6.7	6.7	5.7	6.3	BRIDGEPORT	5.0	4.3	4.7	4.7
VICTORY II (PICK 4-91W)	6.3	6.0	6.7	6.3	DAWSON	4.3	4.0	5.7	4.7
K-2 (MB 65-93)	6.3	5.7	6.0	6.0	JAMESTOWN	4.0	4.0	6.0	4.7
TMI-3CE	7.3	5.3	5.3	6.0	JASPER (E)	3.3	4.7	6.0	4.7
SCALDIS	6.7	5.0	5.7	5.8	PAMELA	4.7	5.0	4.3	4.7
DEFIANT (MB 81-93)	5.7	5.7	5.7	5.7	SR 3100	5.7	3.3	5.0	4.7
OSPREY (PRO 92/24)	6.3	5.7	5.0	5.7	BAR UR 204	4.0	4.0	5.7	4.6
FLYER II (ZPS-4BN)	6.0	4.7	6.0	5.6	CAS-FR13	6.0	3.3	4.3	4.6
PST-4ST	5.3	5.7	5.7	5.6	ECO (MB 63-93)	4.0	4.0	5.7	4.6
SANDPIPER (PRO 92/20)	6.3	6.0	4.3	5.6	PST-4DT	4.0	3.7	6.0	4.6
DISCOVERY	6.3	5.7	4.3	5.4	BRITTANY	4.3	4.3	4.7	4.4
SHADOW II (PST-44D)	6.3	4.7	5.3	5.4	FLYER	3.7	4.3	5.3	4.4
SILVERLAWN (WVPB-STCR-101)	4.7	6.0	5.7	5.4	BANNER II	3.3	4.0	5.7	4.3
TREAZURE (ZPS-MG)	6.0	5.0	5.3	5.4	BAR FRR 4ZBD	3.3	4.7	5.0	4.3
ISI-FC-62	5.7	4.7	5.7	5.3	SEABREEZE	3.3	3.3	6.3	4.3
BANNER III (MB 61-93)	5.7	4.0	6.0	5.2	TIFFANY	5.3	3.3	4.0	4.2
CASCADE	4.3	5.3	6.0	5.2	MB 66-93	4.3	3.7	4.3	4.1
MB 82-93	6.7	4.3	4.7	5.2	67135	3.3	3.0	5.7	4.0
MOLINDA	5.3	4.3	6.0	5.2	BRIGADE	4.0	3.0	5.0	4.0
WX3-FF54	4.7	5.3	5.7	5.2	QUATRO (FO 143)	3.3	3.0	5.3	3.9
JAMESTOWN II	4.3	4.3	6.7	5.1	COMMON CREEPING	3.0	2.7	4.7	3.4
MEDINA	5.3	5.3	4.7	5.1	VICTORY (E)	2.7	2.7	5.0	3.4
VERNON (MB 83-93)	5.7	4.3	5.3	5.1					
NORDIC	5.0	4.7	5.3	5.0	LSD VALUE	3.8	5.1	3.2	2.9
ARUBA	4.0	4.0	6.7	4.9					
ECOSTAR	5.7	4.7	4.3	4.9	C.V. (%)	31.9	35.7	20.2	21.4
RELIANT II	6.7	4.3	3.7	4.9					

TABLE 40B. BROWN PATCH RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1994-97 DATA
 BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	JULY	AUGUST	MEAN
DAWSON	4.3	4.0	5.7	4.7
SEABREEZE	3.3	3.3	6.3	4.3
LSD VALUE	2.5	3.8	3.8	2.5
C.V. (%)	18.4	29.5	18.0	15.7

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ BROWN PATCH RATED IN 1996.

TABLE 40C. BROWN PATCH RATINGS OF SHEEP FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1994-97 DATA
 BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	JULY	AUGUST	MEAN
67135	3.3	3	5.7	4.0
QUATRO (FO 143)	3.3	3	5.3	3.9
LSD VALUE	4.3	2.5	3.8	0.5
C. V. (%)	36.7	23.6	19.6	3.4

TABLE 40D. BROWN PATCH RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1994-97 DATA
 BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	JULY	AUGUST	MEAN
NJ F-93	7.7	7.0	5.3	6.7
CULUMBRA (MB 64-93)	7.3	6.0	6.0	6.4
DARWIN	6.7	7.3	5.0	6.3
SR 5100	6.7	6.7	5.7	6.3
VICTORY II (PICK 4-91W)	6.3	6.0	6.7	6.3
K-2 (MB 65-93)	6.3	5.7	6.0	6.0
TMI-3CE	7.3	5.3	5.3	6.0
SANDPIPER (PRO 92/20)	6.3	6.0	4.3	5.6
SHADOW II (PST-44D)	6.3	4.7	5.3	5.4
TREAZURE (ZPS-MG)	6.0	5.0	5.3	5.4
ISI-FC-62	5.7	4.7	5.7	5.3
BANNER III (MB 61-93)	5.7	4.0	6.0	5.2
CASCADE	4.3	5.3	6.0	5.2
MOLINDA	5.3	4.3	6.0	5.2
WX3-FP54	4.7	5.3	5.7	5.2
JAMESTOWN II	4.3	4.3	6.7	5.1
MEDINA	5.3	5.3	4.7	5.1
SHADOW (E)	5.7	4.3	4.7	4.9
BRIDGEPORT	5.0	4.3	4.7	4.7
JAMESTOWN	4.0	4.0	6.0	4.7
ECO (MB 63-93)	4.0	4.0	5.7	4.6
BRITTANY	4.3	4.3	4.7	4.4
BANNER II	3.3	4.0	5.7	4.3
TIFFANY	5.3	3.3	4.0	4.2
MB 66-93	4.3	3.7	4.3	4.1
VICTORY (E)	2.7	2.7	5.0	3.4
LSD VALUE	4.3	4.4	2.9	2.9
C.V. (%)	32.4	33.9	19.7	22.0

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BROWN PATCH RATED IN 1996.

TABLE 40E. BROWN PATCH RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1994-97 DATA
 BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	JULY	AUGUST	MEAN
SHADEMASTER II	6.3	6.7	6.3	6.4
FLORENTINE (PST-4VB ENDO.)	6.7	6.0	6.3	6.3
FLYER II (ZPS-4BN)	6.0	4.7	6.0	5.6
PST-4ST	5.3	5.7	5.7	5.6
SILVERLAWN (WVPB-STCR-101)	4.7	6.0	5.7	5.4
ARUBA	4.0	4.0	6.7	4.9
WX3-FFG6	4.3	4.0	6.3	4.9
RONDO	4.7	5.0	4.7	4.8
JASPER (E)	3.3	4.7	6.0	4.7
BAR UR 204	4.0	4.0	5.7	4.6
CAS-FR13	6.0	3.3	4.3	4.6
PST-4DT	4.0	3.7	6.0	4.6
FLYER	3.7	4.3	5.3	4.4
BAR FRR 4ZBD	3.3	4.7	5.0	4.3
COMMON CREEPING	3.0	2.7	4.7	3.4
LSD VALUE	3.6	5.0	3.0	2.6
C.V. (%)	33.9	39.6	19.9	21.7

TABLE 40F. BROWN PATCH RATINGS OF HARD FESCUE CULTIVARS 1/
 AT ORONO, MAINE (ME1)
 1994-97 DATA
 BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	JUNE	JULY	AUGUST	MEAN
SCALDIS	6.7	5.0	5.7	5.8
DEFIANT (MB 81-93)	5.7	5.7	5.7	5.7
OSPREY (PRO 92/24)	6.3	5.7	5.0	5.7
DISCOVERY	6.3	5.7	4.3	5.4
MB 82-93	6.7	4.3	4.7	5.2
VERNON (MB 83-93)	5.7	4.3	5.3	5.1
NORDIC	5.0	4.7	5.3	5.0
ECOSTAR	5.7	4.7	4.3	4.9
RELIANT II	6.7	4.3	3.7	4.9
AURORA W/ENDO.	4.7	4.3	5.3	4.8
SPARTAN	5.3	4.3	4.7	4.8
PAMELA	4.7	5.0	4.3	4.7
SR 3100	5.7	3.3	5.0	4.7
BRIGADE	4.0	3.0	5.0	4.0
LSD VALUE	3.2	-	-	-
C.V. (%)	22.4	36.0	22.7	19.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

3/ BROWN PATCH RATED IN 1996.

TABLE 41A.

LEAF SPOT RATINGS OF FINELEAF FESCUE CULTIVARS 1/
 AT ORONO, ME
 1994-97 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUN 95	AUG 95	SEP 95	OCT 95	MAY 96	JUN 96	SEP 96	OCT 96	NOV 96	JUN 97	JUL 97	AUG 97	SEP 97	MEAN
FLORENTINE (PST-4VB ENDO.)	6.7	6.3	2.0	3.7	6.0	6.0	7.0	8.7	7.7	6.0	6.3	9.0	7.0	6.3
NJ F-93	6.7	4.0	2.7	4.3	8.3	7.0	5.7	8.3	8.0	6.7	6.0	7.0	8.0	6.3
SR 5100	5.3	6.3	1.7	4.7	7.0	7.7	6.7	7.3	5.7	8.0	6.3	9.0	7.0	6.3
BRITTANY	5.0	6.7	3.0	5.0	6.0	6.7	6.3	7.0	6.0	8.3	5.0	7.3	8.3	6.2
SHADEMASTER II	6.3	5.3	2.3	3.3	7.7	6.3	5.7	8.0	7.7	5.3	6.7	7.7	9.0	6.2
CULUMBRA (MB 64-93)	6.0	6.0	1.7	5.3	7.7	7.3	5.3	5.3	6.0	9.0	5.7	7.0	7.7	6.1
MB 82-93	6.3	5.3	3.0	4.0	5.3	6.7	4.0	7.3	7.0	8.0	6.3	8.0	7.3	6.1
NORDIC	6.3	6.0	5.3	5.3	6.7	5.7	3.7	7.0	7.3	8.0	6.0	6.7	4.7	6.1
SR 3100	7.0	5.0	4.3	2.3	6.7	7.0	6.0	7.7	6.3	5.7	6.0	7.7	8.3	6.1
BRIDGEPORT	5.3	6.7	2.0	4.3	6.3	7.3	5.3	7.0	6.3	7.3	5.7	8.0	7.0	6.0
FLYER II (ZPS-4BN)	5.7	5.7	2.7	3.0	6.0	6.7	6.0	7.7	7.0	5.7	6.7	7.0	8.7	6.0
SANDPIPER (PRO 92/20)	5.0	6.0	3.3	4.7	6.7	7.3	5.0	6.0	6.0	7.0	5.0	8.0	7.7	6.0
VICTORY II (PICK 4-91W)	5.7	4.7	1.3	5.3	6.3	5.7	6.3	7.7	6.3	8.7	5.7	7.7	7.0	6.0
WX3-FF54	6.0	3.7	2.3	5.3	7.3	6.7	7.0	7.0	6.7	8.3	5.7	6.0	7.3	6.0
AURORA W/ENDO.	6.3	4.0	5.0	3.3	6.7	6.0	3.0	7.3	7.7	8.0	6.0	7.3	6.7	5.9
DEFIANT (MB 81-93)	6.3	6.0	4.3	3.3	6.0	6.0	3.7	7.7	7.0	7.3	5.0	7.3	7.0	5.9
ISI-FC-62	5.7	6.0	3.0	4.3	7.0	7.0	5.0	6.7	6.0	7.7	5.3	7.3	6.0	5.9
K-2 (MB 65-93)	6.3	6.7	2.3	3.3	7.3	6.7	3.3	6.3	7.0	7.7	6.0	7.3	7.0	5.9
MOLINDA	5.0	7.0	3.0	6.0	7.0	6.7	4.7	5.7	6.7	8.7	5.3	6.0	5.0	5.9
TIFFANY	4.7	5.0	1.7	4.3	6.0	7.3	6.3	6.3	5.7	6.7	5.0	9.0	8.7	5.9
TMI-3CE	5.0	6.3	1.3	4.3	7.3	6.7	6.0	7.0	6.7	7.7	4.0	7.7	7.0	5.9
BANNER II	4.3	7.0	2.3	5.7	6.7	6.3	4.3	6.3	5.7	7.7	5.3	7.0	6.7	5.8
DISCOVERY	6.7	3.0	3.7	3.7	6.3	7.3	3.7	7.0	6.7	7.3	5.3	7.0	8.0	5.8
JAMESTOWN II	4.7	6.0	2.3	4.3	7.0	7.3	6.0	7.3	5.3	7.0	5.0	7.7	6.7	5.8
PST-4ST	6.0	4.0	2.3	4.3	6.7	6.7	5.3	6.3	6.0	7.0	7.7	7.7	6.0	5.8
QUATRO (FO 143)	6.3	2.7	5.0	3.0	5.3	7.0	3.0	8.3	8.3	6.7	5.0	6.7	8.3	5.8
SEABREEZE	5.0	8.7	4.7	4.0	4.7	6.7	5.3	7.0	7.0	4.7	4.7	5.3	7.7	5.8
VERNON (MB 83-93)	7.3	5.7	5.3	4.3	4.3	6.0	4.0	7.7	7.3	7.0	5.7	5.3	5.3	5.8
WX3-FFG6	4.0	6.0	3.0	5.3	7.3	5.7	6.0	8.3	5.7	6.3	5.0	7.0	7.0	5.8
BANNER III (MB 61-93)	5.3	4.3	1.3	4.3	7.0	6.7	5.0	7.3	7.0	7.3	5.3	8.0	5.7	5.7
CAS-FR13	5.3	7.3	4.7	6.0	4.3	6.0	5.0	6.3	7.7	5.0	5.3	6.0	4.7	5.7
DARWIN	6.7	6.7	3.0	2.3	7.3	7.0	4.7	5.7	5.0	8.3	4.3	5.7	7.3	5.7
MEDINA	5.7	7.7	3.0	3.7	8.0	5.7	4.0	4.7	4.7	9.0	4.3	6.3	7.7	5.7
SILVERLAWN (WVPB-STCR-101)	5.0	7.0	2.3	5.7	7.0	5.3	5.7	7.7	6.7	5.3	4.0	6.7	6.3	5.7
SPARTAN	5.0	6.7	5.7	5.0	4.3	5.7	3.7	7.3	8.3	7.3	4.7	5.7	4.7	5.7
TREAZURE (ZPS-MG)	6.0	5.0	1.7	4.0	7.0	6.3	5.7	5.0	5.3	8.7	5.3	7.0	7.0	5.7
JAMESTOWN	4.7	6.7	2.7	5.3	7.0	6.7	5.0	5.7	5.0	6.0	5.0	6.3	7.0	5.6
JASPER (E)	5.3	4.0	2.7	4.7	5.7	5.3	4.0	6.7	7.0	4.7	7.7	8.0	6.7	5.6
OSPREY (PRO 92/24)	6.3	4.0	4.7	3.7	6.0	7.0	3.3	7.3	6.7	7.0	5.3	7.3	5.0	5.6
SCALDIS	6.7	3.7	4.3	4.7	4.3	6.0	2.7	5.7	6.0	8.7	5.0	7.3	7.0	5.6
SHADOW (E)	5.0	5.7	1.7	4.7	6.7	6.7	5.3	4.7	5.3	6.7	5.3	7.0	8.0	5.6
SHADOW II (PST-44D)	5.0	2.3	2.0	3.0	6.0	6.7	5.3	6.3	7.0	8.7	5.3	7.7	7.7	5.6
BAR FRR 4ZBD	5.0	5.7	5.3	5.7	4.3	5.3	4.3	6.7	4.3	6.7	6.0	5.7	6.0	5.5
COMMON CREEPING	3.3	8.3	4.0	5.7	5.3	5.7	5.0	7.0	4.0	6.7	5.0	6.3	3.7	5.4
ECOSTAR	6.3	3.7	4.0	5.0	6.7	6.3	3.3	8.0	5.7	8.0	4.3	5.7	3.7	5.4

TABLE 41A. (CONT'D)

LEAF SPOT RATINGS OF FINELEAF FESCUE CULTIVARS
AT ORONO, ME
1994-97 DATA
LEAF SPOT RATINGS 1-9; 9=NO DISEASE

NAME	JUN 95	AUG 95	SEP 95	OCT 95	MAY 96	JUN 96	SEP 96	OCT 96	NOV 96	JUN 97	JUL 97	AUG 97	SEP 97	MEAN
PAMELA	6.0	8.0	6.7	4.7	4.0	5.3	2.7	6.7	4.7	6.0	4.7	5.7	5.0	5.4
PST-4DT	5.3	5.7	2.0	3.0	6.0	5.0	5.3	5.7	7.3	6.0	6.7	6.7	6.0	5.4
ARUBA	3.3	3.7	3.7	5.0	5.3	6.0	7.7	5.0	3.7	5.0	7.3	7.0	6.0	5.3
CASCADE	3.7	8.3	3.7	5.7	3.0	5.3	5.0	5.0	4.7	8.0	5.3	5.7	5.3	5.3
RELIANT II	6.3	3.0	4.7	5.3	4.0	8.0	3.0	5.7	4.3	7.0	5.7	6.7	5.3	5.3
RONDO	4.7	8.0	4.3	4.7	5.3	5.7	4.3	3.3	4.3	7.7	5.3	6.7	3.3	5.3
67135	4.0	9.0	5.7	4.0	2.0	4.7	4.3	6.7	5.0	5.7	4.0	7.3	4.7	5.2
BAR UR 204	3.7	5.3	2.7	5.3	3.0	5.3	6.3	5.7	5.7	7.0	5.7	7.0	5.3	5.2
ECO (MB 63-93)	6.0	3.0	1.0	4.0	6.3	6.0	4.7	4.7	5.7	7.7	5.0	7.7	5.7	5.2
VICTORY (E)	4.7	6.7	1.7	5.3	5.3	7.0	3.7	5.0	5.3	6.3	6.7	5.7	4.7	5.2
BRIGADE	7.0	5.3	5.0	4.3	3.7	5.3	2.7	5.7	6.0	5.0	5.0	6.0	5.3	5.1
FLYER	4.0	6.7	2.7	4.7	4.0	5.0	4.7	6.0	6.7	4.3	4.7	6.7	7.0	5.1
MB 66-93	5.3	6.7	2.0	4.7	6.3	7.0	2.7	4.0	4.7	7.0	5.0	6.7	4.7	5.1
DAWSON	3.7	6.7	4.7	4.3	4.3	5.7	4.7	6.0	4.3	5.3	4.0	4.7	5.0	4.9
LSD VALUE	1.1	2.5	2.1	2.2	2.5	1.8	2.1	4.6	3.7	2.3	3.4	2.5	3.3	3.2
C.V. (%)	13.1	25.5	38.8	24.0	23.4	14.4	25.4	25.9	25.3	18.8	22.8	17.0	25.3	20.3

TABLE 41B.

LEAF SPOT RATINGS OF SLENDER CREEPING RED FESCUE CULTIVARS 1/
AT ORONO, ME
1994-97 DATA
LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUN 95	AUG 95	SEP 95	OCT 95	MAY 96	JUN 96	SEP 96	OCT 96	NOV 96	JUN 97	JUL 97	AUG 97	SEP 97	MEAN
SEABREEZE	5.0	8.7	4.7	4.0	4.7	6.7	5.3	7	7.0	4.7	4.7	5.3	7.7	5.8
DAWSON	3.7	6.7	4.7	4.3	4.3	5.7	4.7	6	4.3	5.3	4.0	4.7	5.0	4.9
LSD VALUE	3.8	2.5	5.0	2.9	7.2	2.5	6.3	6.6	9.4	1.4	2.9	2.9	1.4	0.6
C.V. (%)	24.9	9.2	30.3	19.6	45.4	11.5	35.6	28.8	47.2	8.2	18.8	16.3	6.4	10.8

TABLE 41C.

LEAF SPOT RATINGS OF SHEEP FESCUE CULTIVARS 1/
AT ORONO, ME
1994-97 DATA
LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUN 95	AUG 95	SEP 95	OCT 95	MAY 96	JUN 96	SEP 96	OCT 96	NOV 96	JUN 97	JUL 97	AUG 97	SEP 97	MEAN
QUATRO (FO 143)	6.3	2.7	5.0	3	5.3	7.0	3.0	8.3	8.3	6.7	5	6.7	8.3	5.8
67135	4.0	9.0	5.7	4	2.0	4.7	4.3	6.7	5.0	5.7	4	7.3	4.7	5.2
LSD VALUE	1.4	1.4	1.4	2.5	6.3	5.2	5.2	2.9	5.2	6.6	6.6	5.2	1.4	1.1
C.V. (%)	7.9	7.0	7.7	20.2	48.5	25.2	40.1	11.9	22.1	30.3	41.6	21.0	6.3	19.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 41D.

LEAF SPOT RATINGS OF CHEWINGS FESCUE CULTIVARS 1/
AT ORONO, ME
1994-97 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUN 95	AUG 95	SEP 95	OCT 95	MAY 96	JUN 96	SEP 96	OCT 96	NOV 96	JUN 97	JUL 97	AUG 97	SEP 97	MEAN
NJ F-93	6.7	4.0	2.7	4.3	8.3	7.0	5.7	8.3	8.0	6.7	6.0	7.0	8.0	6.3
SR 5100	5.3	6.3	1.7	4.7	7.0	7.7	6.7	7.3	5.7	8.0	6.3	9.0	7.0	6.3
BRITTANY	5.0	6.7	3.0	5.0	6.0	6.7	6.3	7.0	6.0	8.3	5.0	7.3	8.3	6.2
CULUMBRA (MB 64-93)	6.0	6.0	1.7	5.3	7.7	7.3	5.3	5.3	6.0	9.0	5.7	7.0	7.7	6.1
BRIDGEPORT	5.3	6.7	2.0	4.3	6.3	7.3	5.3	7.0	6.3	7.3	5.7	8.0	7.0	6.0
SANDPIPER (PRO 92/20)	5.0	6.0	3.3	4.7	6.7	7.3	5.0	6.0	6.0	7.0	5.0	8.0	7.7	6.0
VICTORY II (PICK 4-91W)	5.7	4.7	1.3	5.3	6.3	5.7	6.3	7.7	6.3	8.7	5.7	7.7	7.0	6.0
WX3-FF54	6.0	3.7	2.3	5.3	7.3	6.7	7.0	7.0	6.7	8.3	5.7	6.0	7.3	6.0
ISI-FC-62	5.7	6.0	3.0	4.3	7.0	7.0	5.0	6.7	6.0	7.7	5.3	7.3	6.0	5.9
K-2 (MB 65-93)	6.3	6.7	2.3	3.3	7.3	6.7	3.3	6.3	7.0	7.7	6.0	7.3	7.0	5.9
MOLINDA	5.0	7.0	3.0	6.0	7.0	6.7	4.7	5.7	6.7	8.7	5.3	6.0	5.0	5.9
TIFFANY	4.7	5.0	1.7	4.3	6.0	7.3	6.3	6.3	5.7	6.7	5.0	9.0	8.7	5.9
TMI-3CE	5.0	6.3	1.3	4.3	7.3	6.7	6.0	7.0	6.7	7.7	4.0	7.7	7.0	5.9
BANNER II	4.3	7.0	2.3	5.7	6.7	6.3	4.3	6.3	5.7	7.7	5.3	7.0	6.7	5.8
JAMESTOWN II	4.7	6.0	2.3	4.3	7.0	7.3	6.0	7.3	5.3	7.0	5.0	7.7	6.7	5.8
BANNER III (MB 61-93)	5.3	4.3	1.3	4.3	7.0	6.7	5.0	7.3	7.0	7.3	5.3	8.0	5.7	5.7
DARWIN	6.7	6.7	3.0	2.3	7.3	7.0	4.7	5.7	5.0	8.3	4.3	5.7	7.3	5.7
MEDINA	5.7	7.7	3.0	3.7	8.0	5.7	4.0	4.7	4.7	9.0	4.3	6.3	7.7	5.7
TREAZURE (ZPS-MG)	6.0	5.0	1.7	4.0	7.0	6.3	5.7	5.0	5.3	8.7	5.3	7.0	7.0	5.7
JAMESTOWN	4.7	6.7	2.7	5.3	7.0	6.7	5.0	5.7	5.0	6.0	5.0	6.3	7.0	5.6
SHADOW (E)	5.0	5.7	1.7	4.7	6.7	6.7	5.3	4.7	5.3	6.7	5.3	7.0	8.0	5.6
SHADOW II (PST-44D)	5.0	2.3	2.0	3.0	6.0	6.7	5.3	6.3	7.0	8.7	5.3	7.7	7.7	5.6
CASCADE	3.7	8.3	3.7	5.7	3.0	5.3	5.0	5.0	4.7	8.0	5.3	5.7	5.3	5.3
ECO (MB 63-93)	6.0	3.0	1.0	4.0	6.3	6.0	4.7	4.7	5.7	7.7	5.0	7.7	5.7	5.2
VICTORY (E)	4.7	6.7	1.7	5.3	5.3	7.0	3.7	5.0	5.3	6.3	6.7	5.7	4.7	5.2
MB 66-93	5.3	6.7	2.0	4.7	6.3	7.0	2.7	4.0	4.7	7.0	5.0	6.7	4.7	5.1
LSD VALUE	1.0	3.3	2.9	2.5	3.7	1.9	2.4	5.1	5.7	2.3	4.9	2.5	3.7	3.2
C.V. (%)	11.4	28.0	48.3	24.1	21.5	11.7	22.9	28.7	27.6	13.6	24.1	15.9	22.3	21.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 41E.

LEAF SPOT RATINGS OF STRONG CREEPING RED FESCUE CULTIVARS 1/
 AT ORONO, ME
 1994-97 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUN 95	AUG 95	SEP 95	OCT 95	MAY 96	JUN 96	SEP 96	OCT 96	NOV 96	JUN 97	JUL 97	AUG 97	SEP 97	MEAN
FLORENTINE (PST-4VB ENDO.)	6.7	6.3	2.0	3.7	6.0	6.0	7.0	8.7	7.7	6.0	6.3	9.0	7.0	6.3
SHADEMASTER II	6.3	5.3	2.3	3.3	7.7	6.3	5.7	8.0	7.7	5.3	6.7	7.7	9.0	6.2
FLYER II (ZPS-4BN)	5.7	5.7	2.7	3.0	6.0	6.7	6.0	7.7	7.0	5.7	6.7	7.0	8.7	6.0
PST-4ST	6.0	4.0	2.3	4.3	6.7	6.7	5.3	6.3	6.0	7.0	7.7	7.7	6.0	5.8
WX3-FFG6	4.0	6.0	3.0	5.3	7.3	5.7	6.0	8.3	5.7	6.3	5.0	7.0	7.0	5.8
CAS-FR13	5.3	7.3	4.7	6.0	4.3	6.0	5.0	6.3	7.7	5.0	5.3	6.0	4.7	5.7
SILVERLAWN (WVPB-STCR-101)	5.0	7.0	2.3	5.7	7.0	5.3	5.7	7.7	6.7	5.3	4.0	6.7	6.3	5.7
JASPER (E)	5.3	4.0	2.7	4.7	5.7	5.3	4.0	6.7	7.0	4.7	7.7	8.0	6.7	5.6
BAR FRR 4ZBD	5.0	5.7	5.3	5.7	4.3	5.3	4.3	6.7	4.3	6.7	6.0	5.7	6.0	5.5
COMMON CREEPING	3.3	8.3	4.0	5.7	5.3	5.7	5.0	7.0	4.0	6.7	5.0	6.3	3.7	5.4
PST-4DT	5.3	5.7	2.0	3.0	6.0	5.0	5.3	5.7	7.3	6.0	6.7	6.7	6.0	5.4
ARUBA	3.3	3.7	3.7	5.0	5.3	6.0	7.7	5.0	3.7	5.0	7.3	7.0	6.0	5.3
RONDO	4.7	8.0	4.3	4.7	5.3	5.7	4.3	3.3	4.3	7.7	5.3	6.7	3.3	5.3
BAR UR 204	3.7	5.3	2.7	5.3	3.0	5.3	6.3	5.7	5.7	7.0	5.7	7.0	5.3	5.2
FLYER	4.0	6.7	2.7	4.7	4.0	5.0	4.7	6.0	6.7	4.3	4.7	6.7	7.0	5.1
LSD VALUE	1.2	2.5	3.8	1.9	2.4	-	1.6	3.8	2.5	3.3	2.9	3.2	3.5	-
C.V. (%)	14.6	22.9	49.1	21.7	22.9	19.4	16.0	26.2	22.4	23.2	22.6	18.0	28.0	20.6

TABLE 41F.

LEAF SPOT RATINGS OF HARD FESCUE CULTIVARS 1/
 AT ORONO, ME
 1994-97 DATA
 LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	JUN 95	AUG 95	SEP 95	OCT 95	MAY 96	JUN 96	SEP 96	OCT 96	NOV 96	JUN 97	JUL 97	AUG 97	SEP 97	MEAN
MB 82-93	6.3	5.3	3.0	4.0	5.3	6.7	4.0	7.3	7.0	8.0	6.3	8.0	7.3	6.1
NORDIC	6.3	6.0	5.3	5.3	6.7	5.7	3.7	7.0	7.3	8.0	6.0	6.7	4.7	6.1
SR 3100	7.0	5.0	4.3	2.3	6.7	7.0	6.0	7.7	6.3	5.7	6.0	7.7	8.3	6.1
AURORA W/ENDO.	6.3	4.0	5.0	3.3	6.7	6.0	3.0	7.3	7.7	8.0	6.0	7.3	6.7	5.9
DEFIANT (MB 81-93)	6.3	6.0	4.3	3.3	6.0	6.0	3.7	7.7	7.0	7.3	5.0	7.3	7.0	5.9
DISCOVERY	6.7	3.0	3.7	3.7	6.3	7.3	3.7	7.0	6.7	7.3	5.3	7.0	8.0	5.8
VERNON (MB 83-93)	7.3	5.7	5.3	4.3	4.3	6.0	4.0	7.7	7.3	7.0	5.7	5.3	5.3	5.8
SPARTAN	5.0	6.7	5.7	5.0	4.3	5.7	3.7	7.3	8.3	7.3	4.7	5.7	4.7	5.7
OSPREY (PRO 92/24)	6.3	4.0	4.7	3.7	6.0	7.0	3.3	7.3	6.7	7.0	5.3	7.3	5.0	5.6
SCALDIS	6.7	3.7	4.3	4.7	4.3	6.0	2.7	5.7	6.0	8.7	5.0	7.3	7.0	5.6
ECOSTAR	6.3	3.7	4.0	5.0	6.7	6.3	3.3	8.0	5.7	8.0	4.3	5.7	3.7	5.4
PAMELA	6.0	8.0	6.7	4.7	4.0	5.3	2.7	6.7	4.7	6.0	4.7	5.7	5.0	5.4
RELIANT II	6.3	3.0	4.7	5.3	4.0	8.0	3.0	5.7	4.3	7.0	5.7	6.7	5.3	5.3
BRIGADE	7.0	5.3	5.0	4.3	3.7	5.3	2.7	5.7	6.0	5.0	5.0	6.0	5.3	5.1
LSD VALUE	2.4	2.4	2.9	2.4	3.1	1.8	3.4	-	3.6	3.5	-	2.3	4.1	-
C.V (%)	13.8	27.1	26.2	25.6	26.6	14.0	37.6	22.6	23.4	20.2	21.2	15.6	30.6	18.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.