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**U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705**

Exhibit C

**OBJECTIVE DESCRIPTION OF VARIETY
Tall and Meadow Fescues (*Festuca* spp.)**

NAME OF APPLICANT (S)	TEMPORARY OR EXPERIMENTAL DESIGNATION	VARIETY NAME
ADDRESS (Street and No. or RD No., City, State, Zip Code, and Country)		FOR OFFICIAL USE ONLY
		PVPO NUMBER

PLEASE READ ALL INSTRUCTIONS CAREFULLY:

Place the appropriate number that describes the varietal characteristics of this variety in the spaces below. Use leading zeros when necessary (e.g., 089 or 09) when number is either 99 or less or 9 or less. Characteristics described, including numerical measurements, should represent those that are typical for the variety. Measured data should be for SPACED PLANTS. Give additional description for all characteristics that cannot be adequately described in the form below. Cultural conditions must be stated in the comment section and plant number/data points shown in all tables.

1. SPECIES: (With comparison varieties, use varieties within the species of the application variety)

___ 1 = *F. arundinacea* (Tall)

Turf Types

- | | | | | | |
|-----------------|---------------|---------------|-------------------|--------------|--------------|
| 1 = Kentucky 31 | 2 = Rebel | 3 = Olympic | 4 = Bonanza | 5 = Arid | 6 = Rebel II |
| 7 = Shortstop | 8 = Silverado | 9 = Rebel Jr. | 10 = Mini Mustang | 11 = Crewcut | 12 = Bonsai |

Forage Types

- | | | | |
|------------------|-----------------|--------------|-------------|
| 20 = Kentucky 31 | 21 = Martin | 22 = Forager | 23 = Mozark |
| 24 = Kenhy | 25 = AU Triumph | 26 = Fawn | 27 = Cajun |

___ 2 = *F. pratensis* (Meadow)

- | | | | | |
|-------------|---------------|---------------|-------------|-------------|
| 30 = Admira | 31 = Beaumont | 32 = Comtessa | 33 = Ensign | 34 = Trader |
|-------------|---------------|---------------|-------------|-------------|

2. CYTOLOGY:

___ Chromosome Number

3. ADAPTATION: (0 = Not Tested; 1 = Not Adapted; 2 = Adapted)

___ Transition Zone ___ West ___ Northeast ___ Other (Specify) _____

4. MATURITY: (Date First Headed, 10% of Panicle Emergence)

- | | | | | | |
|--------------------|-------------------------------|----------------------|--------------------|----------------|--------------------|
| ___ Maturity Class | 1 = Very Early () | 2 = AU Triumph | 3 = Early (Fawn) | 4 = K31, Kenhy | 5 = Medium (Rebel) |
| | 6 = Bonanza | 7 = Late (Silverado) | 8 = () | 9 = Very Late | |
| | Date Headed _____ | | Location _____ | | |

8. LEAF BLADE: (Continued)

FLAG LEAF LENGTH CM:

___ . ___ cm Flag Leaf Length

___ . ___ cm Shorter Than ___

Length Same As ___

___ . ___ cm Longer Than ___

} Comparison Variety

* FLAG LEAF WIDTH MM:

___ . ___ mm Flag Leaf Width

___ . ___ mm Narrower Than ___

Width Same As ___

___ . ___ mm Wider Than ___

} Comparison Variety

9. LEAF SHEATH: (Basal Portion)

___ Anthocyanin (Seedling): 1 = Absent (K31) 9 = Present ()

___ Auricle Hairiness: 1 = Absent () 9 = Present ()

10. PANICLE: (At seed maturity except where noted.)

___ Shape: 1 = Narrow-tapering () 5 = Ovate () 7 = Oblong () 9 = Other (Specify) _____

___ Type: 1 = Compact (appressed) 5 = Intermediate () 7 = Open () 9 = Other (Specify) _____

___ Orientation: 1 = Nodding () 9 = Erect ()

___ Branch Pubescence: 1 = Glabrous () 9 = Pubescent ()

___ Anther Color (At Anthesis): 1 = Yellowish Green 2 = Green 3 = Bluish Green
4 = Purplish 5 = Reddish 6 = Other (Specify) ________ Glume Color (At Anthesis): 1 = Yellowish Green 2 = Green 3 = Bluish Green
4 = Purplish 5 = Reddish 6 = Other (Specify) _____

___ . ___ cm Panicle Length (From base to tip, if nodding, straighten; after anthesis)

___ . ___ cm Shorter Than ___

Length Same As ___

___ . ___ cm Longer Than ___

} Comparison Variety

11. SEED: (With Lemma and Pelea)

___ ___ mg per 1000 seeds

___ mm Less Than ___

Weight Same As ___

___ mm More Than ___

} Comparison Variety

Pelea: (Keels or Margins) ___ Hairs: 1 = Absent () 5 = Short (Missouri 96) 9 = Long ()

Lemma: ___ Hairs: 1 = Absent (Kenhy) 5 = Several () 9 = Long (Missouri 96)

___ . ___ mm Lemma Length (Mature)

___ . ___ mm Lemma Width

___ . ___ cm Shorter Than ___

Length Same As ___

___ . ___ cm Longer Than ___

} Comparison Variety

___ . ___ mm Narrower Than ___

Width Same As ___

___ . ___ mm Wider Than ___

} Comparison Variety

11. SEED: (continued)

AWNS: 1 = Absent () 9 = Present (Falcon) _____ % Plants with Awns

___ • ___ mm Awn Length (of those present)

___ • ___ mm Shorter Than _____

Length Same As _____

___ • ___ mm Longer Than _____

} Comparison Variety

12. DISEASE, INSECT, AND NEMATODE REACTION: (0 = Not Tested 1 = Least Resistant 9 = Most Resistant)

___ Melting-out (*Drechslera poae*)

___ Blind Seed (*Gloeotinia temulenta*)

___ Leaf Spot (*D. siccans*)

___ Dollar Spot (*Lanzia, mollerdiscus* spp.)

___ Net Blotch (*D. dictyoides*)

___ Stem Rust (*Puccinia graminis*)

___ Brown Patch (*Rhizoctonia solani*)

___ T. Blight (*Typhula incarnata*)

___ C. Leaf Spot (*Cercospora fectucae*)

___ Pythium Blight (*Pythium* spp.)

___ Pink Snow Mold (*Gerlachia nivalis*)

___ Powdery Mildew (*Erysiphe graminis*)

___ Silver Tip (*F. tricinctum, F. roseum*)

___ Crown Rust (*Puccinia coronata*)

___ Other Disease _____

___ Other Insect _____

___ Other Nematode _____

13. ENVIRONMENTAL STRESS:

___ Drought Stress 1 = Susceptible () 5 = Tolerant () 9 = Resistant ()

___ Shade Stress 1 = Susceptible () 5 = Tolerant () 9 = Resistant ()

___ Winter Stress 1 = Susceptible () 5 = Tolerant () 9 = Resistant ()

14. GIVE VARIETY OR VARIETIES THAT MOST CLOSELY RESEMBLE THE APPLICATION VARIETY. For the following characteristics, indicate the degree of resemblance with the following scale:

1 = Application Variety is Less Than Comparison Variety. 2 = Same as 3 = More Than, Better, Greater, Darker, etc.

Character	Varieties	Rating	Character	Varieties	Rating
Leaf Width			Leaf Color		
Panicle Color			Panicle Shape		
Seed Size			Cold Injury		
Winter Color			Heat		
Disease					

15. EXPERIMENTAL: Give a brief summary of the experimental design utilized to collect the data used on this form. Cultural conditions, number of plants measured and plant spacing must be specified.

16. COMMENTS: