

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 2.0 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

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

Exhibit C

**OBJECTIVE DESCRIPTION OF VARIETY
Pearl Millet (*Pennisetum glaucum* (L.) R. Br.)**

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:

Variety Name: _____

Planting: Location: _____ Latitude: _____ Date: _____

Observations should be made on an appropriate number of well spaced plants (approximately 15 cm spacing).

1. GENERAL CATEGORIES:

- Kind: 1 = Pearl Millet 2 = Napiergrass 3 = Other
- Fertility Type: 1 = Male Sterile 2 = Maintainer 3 = Restorer
- Male Sterile Cytoplasm: 1 = A-1 2 = A-2 3 = A-3 4 = A-4 5 = Other (Specify) _____
- Use Class: 1 = Grain 2 = Forage 3 = Silage 4 = Multipurpose (Specify) _____
- Sensitivity to Photoperiod: 1 = High 2 = Intermediate 3 = Insensitivity

2. MATURITY:

- Days from Planting to Mid-anthesis
- No. Days Earlier Than: { 1 = Tift 85D 2 = Tift 23D 3 = Tife 383 4 = Tift 8677
5 = Tifleaf 2 6 = Other (Specify) _____
- No. Days Later Than: { 1 = Tift 85D 2 = Tift 23D 3 = Tife 383 4 = Tift 8677
5 = Tifleaf 2 6 = Other (Specify) _____

3. STALK:

- Diameter (Main Stalk): 1 = Slim 2 = Mid-stout 3 = Stout
- Height:
cm from Soil Level to Top of Panicle
- cm Less Than { 1 = Tift 85D 2 = Tift 23D 3 = Tife 383 4 = Tift 8677
5 = Tifleaf 2 6 = Other (Specify) _____
- cm Greater Than { 1 = Tift 85D 2 = Tift 23D 3 = Tife 383 4 = Tift 8677
5 = Tifleaf 2 6 = Other (Specify) _____
- Waxy Bloom: 1 = Present 2 = Absent

3. STALK: (continued)

- Tillers: 1 = Few 2 = Moderate
- Panicle Exsertion: 1 = Short 2 = Medium 3 = Long 4 = None
- Node Color: 1 = Green 2 = Red 3 = Purple 4 = Other (Specify) _____
- Node Pubescence: 1 = Glabrous 2 = Sparse 3 = Dense

4. LEAF: (Third Leaf Below Flag Leaf)

- Width (cm)
- cm Wider Than
- cm Narrower Than Length (cm)
- cm Longer Than
- cm Shorter Than
- Color: 1 = Light Green 2 = Green 3 = Dark Green 4 = Other (Specify) _____
- Margin: 1 = Trichomes 2 = Trichomeless
- Surface: 1 = Trichomes 2 = Trichomeless
- Attitude: 1 = Erect 2 = Horizontal 3 = Drooping
- Midrib: 1 = White 2 = Brown
- Sheath Color: 1 = Green 2 = Red 3 = Purple
- Sheath Pubescence: 1 = Glabrous 2 = Sparse 3 = Dense

5. PANICLE:

- Another Color (at flowering) 1 = Cream 2 = Cream Yellow 3 = Yellow 4 = Purple 5 = Brown
- cm Panicle Length
- cm Less Than:
- cm Greater Than:
- Shape: 1 = Conical 2 = Spindle 3 = Cylindrical 4 = Club 5 = Candle 6 = Dumb Bell 7 = Lanceolate 8 = Oblanceolate
- Density: 1 = Loose 2 = Intermediate 3 = Compact
- Bristles: 1 = Absent 2 = Short 3 = Long

6. ROOTS:

- 1 = Fibrous 2 = Rhizomatous

7. GRAIN:

- Shape: 1 = Obovate 2 = Lanceolate 3 = Elliptical 4 = Hexagonal 5 = Globular
- Seed Covering: 1 = Exposed 2 = Intermediate 3 = Enclosed
- Seed Color: 1 = Ivory 2 = Cream 3 = Yellow 4 = Gray 5 = Deep Gray 6 = Gray Brown 7 = Brown 8 = Purple 9 = Purplish Black

7. GRAIN: (continued)

Endosperm Texture: 1 = Mostly Corneous 2 = Partly Corneous 3 = Mostly Starchy

Yellow Endosperm: 1 = Present 2 = Absent

No. of Seeds per 10 G

8. DISEASE RESISTANCE: (1 = Susceptible 2 = Intermediate 3 = Resistant)
Rust (Puccinia), Pyricularia Leaf Spot, Smut, Downy Mildew, Ergot, Grain Mold or Others.

Reaction	Disease	Causal Agent	Race or Pathotype
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____

9. INSECT RESISTANCE: (1 = Susceptible 2 = Intermediate 3 = Resistant)
Chinch Bug, Lessor Corn Stalk Boer, Corn Ear Worm, or Others

Reaction	Insect	Biotype
<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	_____	_____

10. OTHER DISTINGUISHING TRAITS:

Adaxial-leaf surface has very short trichomes. Sheath has fine trichomes. Tift 93 maintains the A₁ cytoplasm and can be used to produce a cytoplasmic-nuclear male sterile F₁ hybrid that produces twice as much commercial seed as an inbred.