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

Exhibit C

**OBJECTIVE DESCRIPTION OF VARIETY
Cotton (*Gossypium* 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

Place the appropriate data that describes the varietal characteristics of this variety in the space provided. Characteristics described, including numerical measurements, should represent those that are typical for the variety. Data for quantitative plant characters should be based on a minimum of 100 plants. Royal Horticultural Society or any recognized color chart may be used to determine plant colors.

SPECIFIC VARIETIES USED FOR COMPARISON AS CHECK VARIETIES IN THIS APPLICATION: Use standard regional check varieties that are adapted to your area. One of the comparison varieties must be the most similar variety (MSV) used in Exhibit B.

MSV 1. _____ Variety 2. _____ Variety 3. _____

1. SPECIES:

_____ *G. hirsutum* L. _____ *G. barbadense* L.

2. AREA(S) OF ADAPTATION (A = Adapted, NA = Not Adapted, NT = Not Tested):

_____ Eastern _____ Delta _____ Central _____ Blacklands
 _____ Plains _____ Western _____ Arizona _____ San Joaquin
 _____ Other (Specify): _____

3. GENERAL: General Plant Type

Plant Habit:
Spreading, Intermediate, _____
Compact _____

Foliage:
Sparse, Intermediate, _____
Dense _____

Stem Lodging:
Lodging, Intermediate, _____
Erect _____

Fruiting Branch:
Clustered, Short, Normal _____

Growth:
Determinate, Intermediate, _____
Indeterminate _____

Leaf Color:
Greenish yellow, Light green, _____
Medium green, Dark green _____

Boll Shape: Length less than width, _____
Length equal to width, _____
Length more than width _____

Boll Breadth:
Broadest at base, _____
Broadest at middle _____

4. MATURITY:**Days till maturity:** _____**5. PLANT:****cm to 1st Fruiting Branch:**
(from cotyledonary node) _____**No. of Nodes to 1st Fruiting Branch:**
(excluding cotyledonary node) _____**Mature Plant Height cm:**
(from cotyledonary node
to terminal) _____**6. LEAF:** (Upper most fully expanded leaf)**Type:** Normal, Sub Okra,
Okra, Super Okra _____**Pubescence:** Absent, Sparse,
Medium, Dense **OR** Trichomes/cm²
(Bottom surface excluding veins) _____**Nectaries:** Present or Absent _____**7. STEM PUBESCENCE:**Glabrous, Intermediate,
Hairy _____**8. GLANDS:** (Gossypol) Absent, Sparse, Normal, More than Normal**Leaf:** _____**Stem:** _____**Calyx Lobe:** (normal is absent) _____**9. FLOWER:****Petals:** Cream, Yellow _____**Pollen:** Cream, Yellow _____**Petal Spot:** Present, Absent _____**10. SEED:****Seed Index:**
(g/100 seeds, fuzzy basis) _____**Lint Index:**
(g lint/100 seeds) _____

11. BOLL:

Lint Percent: _____ Picked _____ Pulled _____

OR

Gin Turnout: _____ Picked _____ Stripped _____

Number of Seeds per Boll _____

Grams Seed Cotton per Boll _____

Number of Locules per Boll _____

Boll Type: Stormproof, Storm Resistant, Open) _____

12. FIBER PROPERTIES:

Specify Method (HVI or Other): _____

Length: (inches, 2.5% SL) _____

Uniformity (%): _____

Strength, T1 (g/tex) _____

Elongation, E1 (%) _____

Micronaire: _____

Fineness (Source _____) _____

Yarn Tenacity: (cN/tex, 27 tex) _____

Yarn Strength: (lbs. 22's) _____

13. DISEASES: (1 = Susceptible, 2 = Moderately Susceptible, 3 = Moderately Resistant, 4 = Resistant)_____ *Alternaria macrospora*

_____ Fusarium Wilt

_____ Anthracnose

_____ Phymatotrichum Root Rot

_____ Ascochyta Blight

_____ *Pythium* (specify species)

_____ Bacterial Blight (Race 1)

_____ *Rhizoctonia solani*

_____ Bacterial Blight (Race 2)

_____ Southwestern Cotton Rust

_____ Bacterial Blight (Race _____)

_____ *Thielaviopsis basicola*

_____ Diplodia Boll Rot

_____ Verticillium Wilt

_____ Other (Specify) _____

14. NEMATODES, INSECTS AND PESTS: (1 = Susceptible, 2 = Moderately Susceptible, 3 = Moderately Resistant, 4 = Resistant)

_____ Root-Knot Nematode	_____ Reniform Nematode
_____ Boll Weevil	_____ Grasshopper (specify species): _____
_____ Bollworm	_____ Lygus (specify species): _____
_____ Cotton Aphid	_____ Pink Bollworm
_____ Cotton Fleahopper	_____ Spider Mite (specify species): _____
_____ Cotton Leafworm	_____ Stink Bug (specify species): _____
_____ Cutworm (specify species): _____	_____ Thrips (specify species): _____
_____ Fall Armyworm	_____ Tobacco Bud Worm
_____ Other (Specify) _____	

15. COMMENTS: Present any additional information that cannot adequately be described in 1 through 13, which significantly distinguished your variety.