



**3. GENERAL:** (continued)

	Application Variety	MSV 1	Comparison Variety 2	Comparison Variety 3
<b>Leaf Color:</b> Greenish yellow, Light green, Medium green, Dark green	_____	_____	_____	_____
<b>Boll Shape:</b> Length less than width, Length equal to width, Length more than width	_____	_____	_____	_____
<b>Boll Breadth:</b> Broadest at base, Broadest at middle	_____	_____	_____	_____

**4. MATURITY:** (50% Open bolls; Preferred method; Describe method if different method was used)

**Date of 50% open bolls:** \_\_\_\_\_

**5. PLANT:**

<b>cm to 1st Fruiting Branch:</b> (from cotyledonary node)	_____	_____	_____	_____
<b>No. of Nodes to 1st Fruiting Branch:</b> (excluding cotyledonary node)	_____	_____	_____	_____
<b>Mature Plant Height cm:</b> (from cotyledonary node to terminal)	_____	_____	_____	_____

**6. LEAF:** (Upper most fully expanded leaf)

<b>Type:</b> Normal, Sub Okra, Okra, Super Okra	_____	_____	_____	_____
<b>Pubescence:</b> Absent, Sparse, Medium, Dense <b>OR</b> Trichomes/cm <sup>2</sup> (Bottom surface excluding veins)	_____	_____	_____	_____
<b>Nectaries:</b> Present or Absent	_____	_____	_____	_____

**7. STEM PUBESCENCE:**

Glabrous, Intermediate, Hairy	_____	_____	_____	_____
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**8. GLANDS:** (Gossypol) Absent, Sparse, Normal, More than Normal

<b>Leaf:</b>	_____	_____	_____	_____
<b>Stem:</b>	_____	_____	_____	_____
<b>Calyx Lobe:</b> (normal is absent)	_____	_____	_____	_____

**9. FLOWER:**

<b>Petals:</b> Cream, Yellow	_____	_____	_____	_____
<b>Pollen:</b> Cream, Yellow	_____	_____	_____	_____
<b>Petal Spot:</b> Present, Absent	_____	_____	_____	_____

**10. SEED:**

<b>Seed Index:</b> (g/100 seeds, fuzzy basis)	_____	_____	_____	_____
<b>Lint Index:</b> (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:** (0 = Not Tested, 1 = Susceptible, 2 = Moderately Susceptible, 3 = Moderately Resistant, 4 = Resistant)

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|-------------------------------------|--|
| _____ <i>Alternaria macrospora</i>  | _____ Fusarium Wilt                    |
| _____ Anthracnose                   | _____ Phymatotrichum Root Rot          |
| _____ Ascochyta Blight              | _____ <i>Pythium</i> (specify species) |
| _____ Bacterial Blight (Race 1)     | _____ <i>Rhizoctonia solani</i>        |
| _____ Bacterial Blight (Race 2)     | _____ Southwestern Cotton Rust         |
| _____ Bacterial Blight (Race _____) | _____ <i>Thielaviopsis basicola</i>    |
| _____ Diplodia Boll Rot             | _____ Verticillium Wilt                |
| _____ Other (Specify) _____         |  |

**14. NEMATODES, INSECTS AND PESTS:** (1 = Not Tested, 2 = Susceptible, 3 = Moderately Susceptible, 4 = Moderately Resistant, 5 = 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.