

**Common Name:**

| Hindi | English Name | Botanical Name         |
|-------|--------------|------------------------|
| कपास  | COTTON       | Gossypium hirsutum (L) |

**1. COTTON Seed shall be-**

- Wholesome, clean, dried; and
- Free from insect & fungus infestation, mould growth, rodent hair and excreta.

**2. Variety.....(to be filled by assayer)****3. Actual Picture of the lot.....( to be uploaded by assayer)****4. Criteria for Range designation**

| S.No.              | Tradable parameters               | Range-1            | Range-2          | Range-3          |
|--------------------|-----------------------------------|--------------------|------------------|------------------|
| A                  | Essential                         |                    |                  |                  |
| i                  | Staple length(in mm)              | Extra long         | Above 32.5       |                  |
| Long staple        |                                   | Above 27.5 to 32.5 |                  |                  |
| Medium long staple |                                   | Above 25.0 to 27.5 |                  |                  |
| Medium staple      |                                   | 20.5 to 25.0       |                  |                  |
| Short Staple       |                                   | Below 20.5         |                  |                  |
| ii                 | Trash (% by wt) Max               | 3.0                | 5.0              | 7.0              |
| iii                | Bundle Strength                   | Above 28.0         | 26.0 and above   | 24.0 and above   |
| iv                 | Micronaire                        | 2.8 to 3.0         | Above 3.0 to 3.5 | Above 3.5 to 4.0 |
| v                  | Moisture (% by Weight)            | Not more than 10.0 |                  |                  |
| B                  | Optional (Industrial/Processors)  |                    |                  |                  |
| i                  | Percentage of Matured fibers (mm) | Above 81.0         | Above 75.0-81.0  | Above 70.0-75.0  |

**5. Sampling:**

- (i) The lint cotton of one variety having reasonably uniform characteristic offered for sale at one time shall constitute a lot.
- (ii) From each of the bale so selected the representative adequate material may be drawn.

**6. Definitions:**

- Micronaire (MIC) is a measure of the air permeability of compressed cotton fibers. It is often used as an indication of fiber fineness and maturity.
- Trash: often referred to as non-lint, commonly comprises fragments of leaves, bark and grass, as well as particles of sand and dust.

**Optional parameters** are voluntary and may be analyzed as per buyer-seller agreement.