

Proforma –I

Morphological Characters of Cotton

Name Hybrid :

Species :

| S.No | Characteristics | Hybrid |
|------|----------------------------------------------------------------------|--------|
| 01 | Hypocotyls: pigmentation | |
| 02 | Plant time of flowering(50 % of plants with at least on open flower) | |
| 03 | Plant Stem pigmentation | |
| 04 | Plant stem hairiness | |
| 05 | Leaf Shape | |
| 06 | Leaf lobe number | |
| 07 | Leaf Size(width at maximum point) | |
| 09 | Leaf Pubescence | |
| 10 | Leaf appearance | |
| 11 | Leaf gossypol glands | |
| 12 | Leaf nectarines | |
| 13 | Leaf petiole pigmentation | |
| 14 | Bract type | |
| 15 | Bract number of serrations | |
| 16 | Flower sepal pigmentation | |
| 17 | Flower petal colour | |
| 18 | Flower petal spotting | |
| 19 | Flower position of stigma | |
| 20 | Flower filament colouration | |
| 21 | Flower anther colour | |
| 22 | Boll bearing habit | |
| 23 | Boll size(width of boll at maximum point) | |
| 24 | Boll colour | |
| 25 | Boll shape (longitudinal section) | |
| 26 | Boll surface | |
| 27 | Boll prominence of tip | |
| 28 | Boll opening | |
| 29 | Boll weight of seed cotton /boll | |
| 30 | Fiber length | |

| | | |
|----|------------------------------|--|
| 31 | Plant growth habit | |
| 32 | Plant height | |
| 33 | Seed Fuzz colour | |
| 34 | Seed size (micronaire value) | |
| 35 | Fiber colour | |
| 36 | Fiber strength | |
| 37 | Fiber fineness | |
| 38 | Fiber uniformity | |
| 39 | Fiber maturity% | |
| 40 | Ginning % | |
| 41 | Seed density of fuzz | |
| 42 | Male Sterility | |

www.mahaaagri.gov.in