

Company Name						
Crop Name		Maize				
Variety Name						
Types Of Variety (Hybrid/Composite/Synthetic/Improved/Single Cross/Double Cross)						
S.No	Characteristics	States	Note	Hybrid/Research Variety	Female	Male
1	2	3	4	5	6	7
1	Leaf: Angle between blade and stem (on leaf just above upper ear)	Small (<45°)	3			
		Wide (>45°)	7			
2	Leaf: Attitude of blade (on leaf just above upper ear)	Straight	1			
		Drooping	9			
3	Stem: Anthocyanin colouration of brace roots	Absent	1			
		Present	9			
4	Tassel: Time of anthesis (on middle third of main axis, 50 % of plants)	Very early (<45 days)	1			
		Early (45-50 days)	3			
		Medium (50-55 days)	5			
		Late (>55 days)	7			
5	Tassel: Anthocyanin colouration at base of glume (in middle third of main axis)	Absent	1			
		Present	9			
6	Tassel: Anthocyanin colouration of glumes excluding base (in middle third of main axis)	Absent	1			
		Present	9			
7	Tassel: Anthocyanin colouration of anthers (in middle third of main axis on fresh anthers)	Absent	1			
		Present	9			
8	Tassel: Density of spikelets (in middle third of main axis)	Sparse	3			
		Dense	7			
9	Tassel: Angle between main axis and lateral branches (in lower third of tassel)	Narrow (<45°)	3			
		Wide (>45°)	7			
10	Tassel: Attitude of lateral branches (in lower third of tassel)	Straight	1			
		Curved	5			
		Strongly curved	9			
11	Ear: Time of silk emergence (50% plants)	Very early (<48 days)	1			
		Early (48-53 days)	3			
		Medium (53-58 days)	5			
		Late (>58 days)	7			
12	Ear: Anthocyanin colouration of silks (on day of emergence)	Absent	1			
		Present	9			
13	Leaf: Anthocyanin colouration of sheath (below the ear)	Absent	1			
		Present	9			
14	Tassel: Length of main axis above lowest side branch	Short (<20 cm)	3			
		Medium (20-30 cm)	5			
		Long (> 30 cm)	7			
15.1	Inbred lines only: Plant : Length (up to flag leaf)	Short (<120 cm)	3			
		Medium (120-150 cm)	5			
		Long (>150cm)	7			
15.2	Hybrids and open pollinated varieties only: Plant : Length (up to flag leaf)	Short (<150 cm)	3			
		Medium (150-180 cm)	5			
		Long (181-210 cm)	7			
		Very long (>210 cm)	9			
16	Plant: Ear placement	Low	3			
		Medium	5			
		High	7			

S.No	Characteristics	States	Note	Hybrid/Research Variety	Female	Male
1	2	3	4	5	6	7
17	Leaf: Width of blade (leaf of upper ear)	Narrow (<8 cm)	3			
		Medium (8-9 cm)	5			
		Broad (> 9cm)	7			
18	Ear: Length without husk	Short (<10 cm)	3			
		Medium (10-15 cm)	5			
		Long (>15 cm)	7			
19	Ear: Diameter without husk (in middle)	Small (<4 cm)	3			
		Medium (4-5 cm)	5			
		Large (> 5 cm)	7			
20	Ear: Shape	Conical	1			
		Conico- cylindrical	2			
		Cylindrical	3			
21	Ear: Number of rows of grains	Few (≤ 8)	3			
		Medium (10-12)	5			
		Many (≥14)	7			
22	Ear: Type of grain (in middle third of ear)	Flint	1			
		Semi flint / semi dent	2			
		Dent	3			
23	Ear: Colour of top of grain	White	1			
		White with cap	2			
		Yellow	3			
		Yellow with cap	4			
		Orange	5			
		Red	6			
		Other (specify)	7			
24	Ear: Anthocyanin colouration of glumes of cob	White	1			
		Light purple	2			
		Dark purple	3			
25	Kernel: Row arrangement (middle of ear)	Straight	1			
		Spiral	2			
		Irregular	3			
26	Kernel: Poppiness	Absent	1			
		Present	9			
27	Kernel: Sweetness	Absent	1			
		Present	9			
28	Kernel: Waxiness	Absent	1			
		Present	9			
29	Kernel: Opacity	Absent	1			
		Present	9			
30	Kernel: Shape	Shrunken	1			
		Round	2			
		Indented	3			
		Toothed	4			
		Pointed	5			
31	Kernel: 1000 kernel weight)	Very small (<100g)	1			
		Small (100-200 g)	3			
		Medium (200-300 g)	5			
		Large (>300 g)	7			