

Company Name	
Crop Name	<b>Bottle Gourd</b>
Variety	
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	Plant: growth habit	Short viny(<3.5m)	3			
		Medium viny (3.5– 5.5m)	5			
		Long viny (>5.5m)	7			
2	Stem: shape	Rounded	1			
		Angular	2			
3	Stem: pubescence	Absent	1			
		Present	9			
4	Stem: length of internodes of main stem (between 15th - 20th node)	Short (<10cm)	3			
		Medium (10-14cm)	5			
		Long (>14cm)	7			
5	Stem: number of primary branches	Less (<6)	3			
		Medium (6-12)	5			
		Many (>12)	7			
6	Leaf blade: margin	Entire	1			
		Serrate	2			
		Multifid	3			
7	Leaf: shape	Cordate	1			
		Oblong	2			
		Ovate	3			
		Obovate	4			
		Orbicular	5			
		Reniform	6			
8	Leaf : length (between 15 <sup>th</sup> -20 <sup>th</sup> nodes)	Small (<15cm)	3			
		Medium (15-20cm)	5			
		Large (>20cm)	7			
9	Leaf : width (between 15 <sup>th</sup> -20 <sup>th</sup> nodes)	Narrow (<15cm)	3			
		Medium (15-20cm)	5			
		Broad (>20cm)	7			
10	Leaf: pubescence nature (between 15th-20th nodes)	Soft	1			
		Hard	2			
11	Leaf blade: number of lobes	3 lobes	3			
		5 lobes	5			
		7 lobes	7			
12	Tendril: branching	Un-branched	1			
		Branched	2			
13	Petiole: length (between 15 <sup>th</sup> -20 <sup>th</sup> nodes)	Short (<10cm)	3			
		Medium (10-15cm)	5			
		Long (>15cm)	7			
14	Ovary: length (on the day of anthesis)	Short (<2.5cm)	3			
		Medium (2.5-5.0cm)	5			
		Long (>5.0cm)	7			
15	Peduncle: length	Short (<10cm)	3			
		Medium (10- 15cm)	5			
		Long (>15cm)	7			
16	Fruit : length	Short (<20cm)	3			
		Medium (20-45cm)	5			
		Long (>45cm)	7			
17	Fruit: diameter	Small (<8cm)	3			
		Medium (8-12cm)	5			
		Large (>12cm)	7			
18	Fruit: shape in longitudinal section	Elongate- straight	1			
		Elongate- curved	2			
		Cylindrical	3			
		Oval	4			
		Club	5			
		Pyriform	6			
		Round	7			
		Any other	9			
19	Fruit: neck	Straight	1			
		Crooked	2			

S No	Characteristics	States	Note	Hybrid/Research Variety	Female	Male
1	2	3	4	5	6	7
20	Fruit: skin color	Light green(YG-145B)	1			
		Green (YG-145C)	2			
		Dark green	3			
		Mottle green	4			
		Striped green(YG-145A)	5			
21	Fruit: shape of base at blossom end	Acute	1			
		Semi blunt	2			
		Blunt	3			
		Depressed	4			
22	Fruit: shape of apex at peduncle end	Raised	1			
		Flat	2			
		Depressed	3			
23	Fruit: pubescence	Absent	1			
		Present	9			
24	Flesh: texture	Soft	3			
		Medium	5			
		Hard	7			
25	Fruit: Gelatinous flesh	Absent	1			
		Present	9			
26	Seed: texture at marketable stage	Soft	3			
		Medium	5			
		Hard	7			
27	Seediness (no. of seeds/fruit at the time of seed extraction)	Low (<200)	3			
		Medium (200-400)	5			
		High (>400)	7			
28	Seed: length	Small (<1.0cm)	3			
		Medium (1.0-1.5cm)	5			
		Large (>1.5cm)	7			
29	Seed: width	Small (<0.4cm)	3			
		Medium (0.4-0.6cm)	5			
		Large (>0.6cm)	7			
30	Seed: shape	Triangular	1			
		Rectangular	2			
31	Seed: intensity of brown color of testa	Light (165D, 159D)	3			
		Medium (158C, 159A)	5			
		Dark (158A)	7			