

Company Name						
Crop Name		RIDGE GOURD				
Variety Name						
Types of Variety: (Hybrid/ composite/ synthetic/ improved/ Single cross/ Double cross)						
S.No.	Characteristic	States	Note	Hybrid/ Research variety	Female	Male
1	2	3	4	5	6	7
1	Cotyledon: intensity of green color	Light	3			
		Medium	5			
		Dark	7			
2	Stem shape	Rounded	1			
		Angular	2			
3	Stem pubescence	Absent	1			
		Present	9			
4	Leaf margin	Entire	1			
		Serrate	2			
5	Leaf shape	Ovate	1			
		Orbicular	2			
		Reniform	3			
6	Leaf : Length (Between 15- 20 nodes)	Small (<10cm)	3			
		Medium (10.1- 15cm)	5			
		Large (>15cm)	7			
7	Leaf : Width (Between 15- 20 nodes)	Small (<15cm)	3			
		Medium (15.1- 20cm)	5			
		Large (>20cm)	7			
8	Leaf pubescence	Absent	1			
		Present	9			
9	Leaf pubescence nature (Between 15- 20 nodes)	Soft	1			
		Hard	9			
10	Leaf blade: number of lobes	3 Lobes	1			
		5 Lobes	2			
		>5 Lobes	3			
11	Stem: length of internodes (between 15 th and 20 th node)	Short (<10cm)	3			
		Medium (10.1- 15cm)	5			
		Long (>15cm)	7			
12	Stem: number of primary branches	Less (<10)	3			
		Medium (10.1- 15)	5			
		More (>15)	7			
13	Petiole length (Between 15- 20 nodes)	Short (<8cm)	3			
		Medium (8.1-10cm)	5			
		Long (>10cm)	7			
14	Flower colour	White	1			
		Light Yellow	2			
		Yellow	3			
15	Ovary: length (on the day of anthesis)	Short (<4.0cm)	3			
		Medium (4.1- 6.0cm)	5			
		Long (>6.0cm)	7			
16	Peduncle length	Short (<8cm)	3			
		Medium (8.1- 10cm)	5			
		Long (>10cm)	7			
17	Fruit : length	Short (<20cm)	3			
		Medium (20.1- 30cm)	5			
		Long (>30cm)	7			
18	Fruit: girth	Small (<10cm)	3			
		Medium (10.1- 14cm)	5			
		Large (>14cm)	7			

S.No.	Characteristic	States	Note	Hybrid/ Research variety	Female	Male
1	2	3	4	5	6	7
19	Fruit: shape	Oblong	1			
		Elongate	2			
		Elliptical	3			
20	Fruit: skin color	Light Green	1			
		Green	2			
		Dark Green	3			
21	Fruit: shape of blossom end	Rounded	1			
		Pointed	2			
22	Fruit: shape of base	Rounded	1			
		Pointed	2			
23	Fruit: ridge (rib) shape	Superficial	1			
		Medium	2			
		Deep	3			
24	Continuity of ridge	Continuous	1			
		Discontinuous	2			
25	Fruit skin luster	Matt	1			
		Glossy	2			
26	Skin softness of the marketable fruits	Mild Soft	3			
		Soft	5			
		Hard	7			
27	Flesh texture	Smooth	1			
		Soft/Spongy	2			
		Fibrous- Gelatinous	3			
28	Flesh color	White	1			
		Cream	2			
29	Time of marketable maturity	Early (<60 Days)	3			
		Medium (60.1-70days)	5			
		Late (>70days)	7			
30	Plant growth habit	Short Viny (<3.5m)	3			
		Medium Viny (3.51 -5.5m)	5			
		Long Viny (> 5.5m)	7			
31	Seediness (No. of Seeds/fruit at the time of seed extraction)	Low (<100)	3			
		Medium (100.1-200)	5			
		High (>200)	7			
32	Seed: Length	Small (<1.0cm)	3			
		Medium (1.1- 1.2cm)	5			
		Large (>1.2cm)	7			
33	Seed: colour of testa	Black	1			
		Gray	2			
34	Seed luster	Matt	1			
		Glossy	2			
35	100 seed weight	Low (<10g)	3			
		Medium(10.1- 14g)	5			
		High (>14g)	7			