

Company Name						
Crop Name		Onion				
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	Plant: Number of leaves per pseudo-stem	Few (<10)	3			
		Medium (10–15)	5			
		Many (>15)	7			
2	Foliage: Length	Short (<30 cm)	3			
		Medium (30–45 cm)	5			
		Long (>45 cm)	7			
3	Bulb: Time of maturity	Early(<140 days)	3			
		Medium (140-160 days)	5			
		Late(>160 days)	7			
4	Bulb: Height	Short (< 3 cm)	3			
		<b>Medium (3– 5 cm)</b>	5			
		Tall (>5 cm)	7			
5	Bulb : Diameter	Small (<4.5 cm)	3			
		<b>Medium (4.5 – 6.0 cm)</b>	5			
		<b>Large(&gt; 6.0 cm)</b>	7			
6	Total number of leaves /hill	Few (<10)	3			
		Medium (10–15)	5			
		Many (>15)	7			
7	Total number of shoots /plant	Few (<10)	3			
		<b>Medium (10–15)</b>	5			
		Many (>15)	7			
8	Foliage :Length from pseudo stem to tip of leaf	Short(<30)	3			
		Medium(30-45)	5			
		Long(>45)	7			
9	Bulb: Time of maturity	Early(<65 days)	3			
		Medium (65-80 days)	5			
		Late(>80 days)	7			
10	Bulb: Compound bulb- polar diameter	Small(<3 cm)	3			
		Medium(3-4 cm)	5			
		Large(>4 cm)	7			
11	Bulb: Compound bulb- equatorial diameter	Small(<3.5 cm)	3			
		Medium(3.5-5.0 cm)	5			
		Large(>5.0 cm)	7			
12	Bulblet: Polar diameter	Small(<1.5 cm)	3			
		Medium(1.5-2.0 cm)	5			
		Large(>2.0 cm)	7			
13	Bulblet: Equatorial diameter	Small(<2.0 cm)	3			
		Medium(2.0-2.5 cm)	5			
		Large(>2.5 cm)	7			
14	Bulblet: Number of bulblet per bulb	Few(<6)	1			
		Medium (6-8)	3			
		Many (>8)	5			
15	Foliage: Attitude	Erect	1			
		Semi-erect	2			

S.No	Characteristics	States	Note	Hybrid/ Research Variety	Female	Male
1	2	3	4	5	6	7
16	Leaf: Diameter	Small (<1.0 cm)	3			
		Medium (1.0 – 1.5 cm)	5			
		Large (>1.5 cm)	7			
17	Foliage: Waxiness	Absent	1			
		Present	9			
18	Foliage: Intensity of green colour	Light	3			
		Medium	5			
		Dark	7			
19	Foliage: Cranking	Absent	1			
		Weak	3			
		Strong	5			
20	Pseudostem:Length (up to last emerged green leaf)	Small (<7 cm)	3			
		Medium (7–10 cm)	5			
		Large (>10 cm)	7			
21	Pseudostem:Diameter	Small (< 1.5 cm )	3			
		Medium (1.5 – 2.0 cm)	5			
		Large (>2.0 cm)	7			
22	Bulb: Thickness of neck	Thin (<0.5 cm)	3			
		Medium (0.5-1.0 cm)	5			
		Thick (> 1.0 cm)	7			
23	Bulb : General shape	Elliptic	1			
		Oval	2			
		Globe	3			
		Flat globe	4			
		Flat	5			
24	Bulb : Basic colour of dry skin	White	1			
		Yellow	2			
		Pink	3			
		Light red	4			
		Dark red	5			
		Brown	6			
		Purple	7			
25	Bulb : Adherence of skin after harvest	Weak	3			
		Medium	5			
		Strong	7			
26	Bulb: Thickness of rings	Thin (< 3 mm)	3			
		Medium (3 – 3.5 mm)	5			
		Thick (>3.5 mm)	7			
27	Bulb: Firmness of flesh	Weak (<70 lbf)	3			
		Medium (70-100 lbf)	5			
		Strong (>100 lbf)	7			
28	Bulb: Colour of epidermis of fleshy scale	Whitish	1			
		Yellowish	2			
		Reddish	3			
		Purplish	4			
29	Bulb: Position of root disc	Inserted	3			
		At surface	5			
		Exerted	7			

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1	2	3	4	5	6	7
30	Bulb : Predominant number of axes	Single	1			
		Multiple	2			
31	Bulb: Cross section	Asymmetrical	1			
		Symmetrical	2			
32	Bulb: Degree of splitting into bulblets	Absent	1			
		Medium	3			
		High	5			
33	Bulb: Total soluble solids	Low	1			
		Medium	3			
		High	5			
34	Male sterility	Absent	1			
		Present	9			