

Company Name	
Crop Name	Gum Guar
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	Days to 50% flowering	Early (<45)	3			
		Medium (45-55)	5			
		Late (>55)	7			
2	Plant type	Erect	3			
		Semi-erect	5			
		Spreading	7			
3	Leaf pubescence (5 th fully opened leaf from base on main stem)	Absent	1			
		Present	9			
4	Foliage colour (5 th fully opened leaf from base on main stem)	Light green (RHS 135D)	3			
		Medium green (RHS 130A)	5			
		Dark green (RHS 134A)	7			
5	Leaf serration on leaf margin (5 th fully opened leaf from base on main stem)	Absent	1			
		Medium	3			
		Strong	5			
6	Terminal leaflet length (Fully opened terminal leaflet from tip of the plant) (cm)	Short (< 4)	3			
		Medium (4-6)	5			
		Long (>6)	7			
7	Leaf petiole length (5 th fully opened leaf from base on main stem) (cm)	Short (<2.5)	3			
		Medium (2.51- 3.5)	5			
		Long (>3.5)	7			
8	Flower colour	White (RHS 155A)	3			
		Purple (RHS 075B)	5			
9	Number of primary branches/ plant	Low (<5)	3			
		Medium (5-8)	5			
		High (>8)	7			
10	Immature pod colour	Green (RHS 130A)	3			
		Dark green (RHS 134A)	5			
11	Number of clusters per plant	Low (<6)	3			
		Medium (6-10)	5			
		High (>10)	7			
12	Number of pods per plant	Low (<40)	3			
		Medium (40-70)	5			
		High (>70)	7			
13	Pod length (cm)	Small (<6)	3			
		Medium (6-8)	5			
		Long (>8)	7			
14	Plant height (cm)	Short (<50)	3			
		Medium (50-75)	5			
		Tall (>75)	7			
15	Seed coat colour	Light yellow brown (RHS 159C)	3			
		Yellow brown (RHS 163C)	5			
		Grey (RHS N200D)	7			
		Black (RHS N202A)	9			
16	Seed size: 100 seeds wt (g)	Small (<2.5)	3			
		Medium (2.5-3.5)	5			
		Large (>3.5)	7			
17	Seed shape	Semi-flat	3			
		Globular	5			
18	Gum content (%)	Low (<30)	3			
		High (>30)	5			