

Company Name	
Crop Name	Castor
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	Hypocotyl : Anthocyanin pigmentation	Absent	1			
		Present	9			
2	Leaf : Anthocyanin pigmentation of young emerging leaves	Absent	1			
		Present	9			
3	Leaf : Waxi bloom on upper side	Absent	1			
		Present	9			
4	Leaf bloom on lower side	Absent	1			
		Present	9			
5	Stem : Bloom	Absent	1			
		Present	9			
6	Stem : Colour (after removal of bloom)	Green	1			
		Pink	2			
		Mahogany	3			
		Red	4			
		Purple	5			
7	Stem : Type of internodes	Condensed	1			
		Elongated (normal)	9			
8	Leaf : Length of 4th leaf from top (cm)	Short (< 20)	1			
		Medium (20-35)	5			
		Long (>35)	9			
9	Plant : Time of 50% flowering (days)	Early (<45)	3			
		Medium (45-65)	5			
		Late (66-85)	7			
		Very late (>85)	9			
10	Stem : Number of nodes on main stem	Low (<12)	3			
		Medium (12-16)	5			
		High (17-20)	7			
		Very high (>20)	9			
11	Leaf : Shape	Flat	1			
		Shallow cup	2			
		Deep cup	3			
12	Leaf: Number of lobes	Few (<10 lobes)	3			
		Many (>10 lobes)	5			
13	Leaf: Lascination	Shallow	1			
		Deep (papaya/okra type)	9			
14	Petiole : Length (cm)	Short (<20)	3			
		Medium (20-30)	5			
		Long (31-40)	7			
		Very long (>40)	9			
15	Petiole : Surface	Smooth	1			
		Rough	9			
16	Inflorescence: Type of flowers on primary spike	Monoecious	1			
		Pistillate	9			
17	Inflorescence: Spike shape	Umbrella	1			
		Cylindrical	2			
		Conical	3			
18	Inflorescence: Spike compactness	Loose	3			
		Semi-compact	5			
		Compact	7			
19	Inflorescence : Length of primary spike (cm)	Small (<20)	1			
		Medium(21-40)	3			
		Long (41-60)	5			
		Very long (>60)	7			

S No	Characteristics	States	Note	Hybrid/Research Variety	Female	Male
1	2	3	4	5	6	7
20	Capsule : Spininess	Absent	1			
		Sparse	5			
		Dense	9			
21	Capsule: Length (cm) (central part of the spike)	Short (<2)	3			
		Medium (2-3)	5			
		Long (>3)	7			
22	Plant: Location of branches	Top	1			
		Basal / all over	2			
23	Plant : Branching pattern	Convergent	3			
		Divergent	7			
24	Plant : Height up to the base of primary spike (cm)	Short (<35)	3			
		Medium (36-60)	5			
		Tall (61-85)	7			
		Very tall (>85)	9			
25	Seed : Weight of 100 seeds (g)	Low (<21)	3			
		Medium (21-30)	5			
		High (>30)	7			
26	Seed : Shape	Elongated	1			
		Oval	2			
		Square	3			
27	Seed : Coat colour	White	1			
		Maroon	2			
		Light brown	3			
		Dark brown	4			
		Black	5			
28	Seed : Mottling	Low	3			
		High	7			
29	Seed : Caruncle	Small	3			
		Big	7			
30	Seed: Oil content (%)	Very low (<44)	1			
		Low (44-45)	3			
		Medium (45.1-48)	5			
		high (48.1-50)	7			
		very high (>50)	9			