

Company Name						
Crop Name		WATERMELON				
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	Cotyledon: shape	Narrow elliptic	1			
		Medium elliptic	2			
		Broad elliptic	3			
2	Plant: length of internodes (cm)	Short (<7)	3			
		Medium (7-8.5)	5			
		Long (>8.5)	7			
3	Leaf blade: length (cm)	Short (<10)	3			
		Medium (10-14)	5			
		Long (>14)	7			
4	Leaf blade: width (cm)	Narrow (<9)	3			
		Medium (9-12)	5			
		Broad (>12)	7			
5	Leaf blade: colour	Light green	1			
		Green	3			
		Dark green	5			
6	Leaf blade: degree of primary lobing	Weak	3			
		Medium	5			
		Strong	7			
7	Leaf blade: degree of secondary lobing	Weak	3			
		Medium	5			
		Strong	7			
8	Petiole: length (cm)	Short (<7)	3			
		Medium (7-9)	5			
		Long (>9)	7			
9	Appearance of first pistillate/ perfect flower in 50% plants from date of sowing (days)	Early (<45)	3			
		Medium (45-50)	5			
		Late (>50)	7			
10	Sex expression (at full flowering)	Monoecious	1			
		Andro- monoecious	3			
11	Male sterility	Absent	1			
		Present	9			
12	Ovary: length (cm)	Short (<1)	3			
		Medium (1-2)	5			
		Long (>2)	7			
13	Ovary: width (cm)	Narrow (upto 0.8)	3			
		Broad (>0.8)	5			
14	Ovary: pubescence	Sparse	1			
		Dense	2			
15	Ovary: colour	Yellow	3			
		Green	5			
		Dark Green	7			

S.No.	Characteristics	States	Note	Hybrid/ Research variety	Female	Male
1	2	3	4	5	6	7
16	Fruit: shape in longitudinal section	Round	1			
		Flat globe	2			
		Oval	3			
		Cylindrical (Oblong)	4			
		Elongated globe	5			
17	Fruit: colour of rind	Yellow	3			
		Light Green	5			
		Medium green	7			
		Dark Green	9			
18	Fruit: grooves	Absent	1			
		Present	9			
19	Fruit: stripes	Absent	1			
		Weak	3			
		Diffused	5			
		Clearly defined	7			
20	Fruit: length (cm)	Short (<20)	3			
		Medium (20-30)	5			
		Long (>30)	7			
21	Fruit: diameter (cm)	Narrow (<15)	3			
		Medium (15-25)	5			
		Broad (>25)	7			
22	Fruit: size (kg)	Small (<3)	3			
		Medium (3-6)	5			
		Large (>6)	7			
23	Fruit: colour of Flesh	White	1			
		Yellow	2			
		Orange	3			
		Reddish Pink	5			
		Light red	7			
		Dark Red	9			
24	Seediness: number of seeds/ fruit	Absent or rudimentary (<20)	1			
		Low (<150)	2			
		Medium (150-350)	3			
		High (>350)	4			
25	Seed: length (cm)	Short (<0.6)	3			
		Medium (0.6-1)	5			
		Long (>1)	7			
26	Seed: width (cm)	Narrow (<0.4)	3			
		Medium (0.4-0.7)	5			
		Broad (>0.7)	7			
27	Seed: colour of coat	White	1			
		Grey	2			
		Red	3			
		Brown	5			
		Black	7			
		Others	9			