

Company Name	
Crop Name	<b>Carrot</b>
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	Foliage : Width of crown	Narrow	3			
		Medium	5			
		Broad	7			
2	Leaf : Length (including petiole) (cm)	Very short (up to 20)	1			
		Short (>20-30)	3			
		Medium (>30-40)	5			
		Long (>40-50)	7			
		Very long (>50)	9			
3	Leaf : Division	Fine	3			
		Medium	5			
		Coarse	7			
4	Leaf : Anthocyanin colouration of petiole	Absent	1			
		Present	9			
5	Leaf: Petiole hairiness	Very sparse	1			
		Sparse	3			
		Intermediate	5			
		Dense	7			
6	Root : Length (cm)	Very short (up to 10)	1			
		Short (>10-20)	3			
		Medium (>20-30)	5			
		Long (>30-40)	7			
		Very long (>40)	9			
7	Root : Diameter (cm)	Narrow (up to 2.5)	3			
		Medium (>2.5-3.5)	5			
		Broad (>3.5-4.5)	7			
		Very broad (>4.5)	9			
8	Root : Shape	Narrow obtriangular	1			
		Narrow obtriangular to narrow oblong	2			
		Narrow oblong (cylindrical)	3			
		Medium obtriangular	4			
		Obovate	5			
		Circular	6			
9	Root : Shape of shoulder	Flat	1			
		Flat to Rounded	2			
		Rounded	3			
		Rounded to conical	4			
		Conical	5			
10	Root : Tip (when fully developed)	Blunt	1			
		Slightly pointed	2			
		Strongly pointed	3			
11	Root : Anthocyanin coloration of shoulder	Absent	1			
		Present	9			
12	Root : Green colour of shoulder	Absent	1			
		Present	9			
13	Root : Ribbing of surface	Absent or very weak	1			
		Weak	3			
		Medium	5			
		Strong	7			
		Very strong	9			
14	Root : External colour	White (NN155)	1			
		Yellow (10A)	2			
		Orange (N25A)	3			
		Pinkish red (39A)	4			
		Red (45C)	5			
		Purple	6			
		Dark Purple (79A)	7			
		Others (specify)	9			

S No	Characteristics	States	Note	Hybrid/Research Variety	Female	Male
1	2	3	4	5	6	7
15	Root : Diameter of core relative to total diameter	Very small	1			
		Small	3			
		Medium	5			
		Large	7			
		Very large	9			
16	Root : Colour of core	White (NN155)	1			
		Yellow (10C)	2			
		Orange (N25A)	3			
		Pinkish red (50B)	4			
		Red (47B)	5			
		Purple	6			
		Dark Purple (79A)	7			
		Others (specify)	9			
17	Root : Colour of cortex	White (NN155)	1			
		Yellow (8A)	2			
		Orange (N25A)	3			
		Pinkish red	4			
		Red (46B, 47B)	5			
		Purple	6			
		Dark Purple (79A)	7			
		Others (specify)	9			
18	Root : Colour of core compared to cortex	Lighter than cortex	1			
		Similar as cortex	2			
		Darker than cortex	3			
19	Root : Green colouration in top portion of flesh (in longitudinal section)	Absent	1			
		Present	9			
20	Root : Maturity (days to 50% marketable maturity from sowing)	Early (up to 95)	3			
		Medium (>95-110)	5			
		Late (>110)	7			
21	Flower : Male sterility	Absent	1			
		Present	9			
22	Flower: If male sterility is present, type of sterility	Brown anther	1			
		Petaloid	2			
		Others (specify)	3			