

Company Name						
Crop Name		RADISH				
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	Seedling : Anthocyanin colouration of hypocotyl	Absent	1			
		Present	9			
2	Petiole : Anthocyanin colouration	Absent	1			
		Weak	3			
		Medium	5			
		Strong	7			
		Very strong	9			
3	Leaf : Length (cm)	Very short (up to 15)	1			
		Short (>15-30)	3			
		Medium (>30-45)	5			
		Long (>45-60)	7			
		Very long (>60)	9			
4	Leaf : Width (cm)	Very narrow (up to 5)	1			
		Narrow (>5-8)	3			
		Medium (>8-12)	5			
		Broad (>12)	7			
5	Leaf blade : Shape of apex	Acute	1			
		Obtuse	3			
		Rounded	5			
6	Leaf blade : Colour (upper surface)	Yellowish green (143B, 141C)	1			
		Light green (N134B)	2			
		Medium green (135B)	3			
		Dark green (131B, 132A)	4			
		Light grey green	5			
		Medium grey green (137B, 137A)	6			
		Dark grey green	7			
		Pink	8			
		Red	9			
7	Leaf vein colour	Yellowish Green	1			
		Light Green (128D, 129D, 130)	2			
		Green	3			
		Red	4			
		Pink (59D)	5			
		Purple (72B)	6			
		Other (specify)	7			
8	Leaf blade : Lobes	Absent	1			
		Very few (1-4)	2			
		Few (>4-8)	3			
		Medium (>8-12)	5			
		Many (>12)	7			
9	Leaf blade : Depth of incisions of margin	Absent	1			
		Shallow	3			
		Medium	5			
		Deep	7			
10	Leaf blade : Surface hairiness (upper/ adaxial surface)	Absent	1			
		Present	9			
11	Leaf blade : Surface hairiness (lower/ abaxial surface)	Absent	1			
		Present	9			

S. No.	Characteristics	States	Note	Hybrid/ Research variety	Female	Male
1	2	3	4	5	6	7
12	Leaf blade : Density of hairs (upper/ adaxial surface)	Sparse	3			
		Intermediate	5			
		Dense	7			
13	Leaf blade : Density of hairs (lower/ abaxial surface)	Sparse	3			
		Intermediate	5			
		Dense	7			
14	Foliage base : Width of attachment	Narrow	3			
		Medium	5			
		Wide	7			
15	Root : Length (cm)	Very short (up to 5)	1			
		Short (>5-15)	3			
		Medium (>15-25)	5			
		Long (>25-35)	7			
		Very long (>35)	9			
16	Root : Diameter (cm)	Very small (up to 2.5)	1			
		Small (>2.5-3.5)	3			
		Medium (>3.5-4.5)	5			
		Large (>4.5)	7			
17	Root: Shape	Acicular	1			
		Narrow triangular	2			
		Oblong	3			
		Cylindrical	4			
		Medium triangular	5			
		Narrow elliptic	6			
		Medium elliptic	7			
		Ovate	8			
		Globular	9			
		Medium oblate	10			
		Narrow oblate	11			
		Obovate	12			
		Bell-shaped	13			
18 (+)	Root : Shape of shoulder	Truncate	1			
		Rounded	3			
		Obtuse	5			
19 (+)	Root : Shape of tip	Narrow acute	1			
		Acute	3			
		Obtuse	5			
		Rounded	7			
		Truncate	9			
20	Root : Colours of skin (Excluding non- thickened portion of root)	Single colour	1			
		Bi-colour	3			
21	Root : Colour at stem end	White (NN155)	1			
		Green (145C, 135D)	2			
		Pink (68B, 58B)	3			
		Dark pink red (61B, 63A)	4			
		Red	5			
		Purple (77B)	6			
		Violet	7			
		Others (specify)	9			
22	Root colour: Non-thickened portion	White (NN155)	1			
		Yellowish white (NN155A)	2			
		Yellow	3			
		Green	4			
		Pinkish (68B, 63C)	5			
		Dark pink red	6			
		Red	7			
		Purplish (77B)	8			
		Others (specify)	9			

S. No.	Characteristics	States	Note	Hybrid/ Research variety	Female	Male
1	2	3	4	5	6	7
23	Root: In bi-colour varieties the extent of white colour in the thickened portion of root	Very small	1			
		Small	3			
		Medium	5			
		Large	7			
		Very large	9			
24 (+)	Root : Ribbing of surface	Absent or weak	1			
		Medium	3			
		Strong	5			
25	Root : Main colour of flesh	White (NN155)	1			
		Green	2			
		Red	3			
		Pink (67C, 63C)	4			
		Violet	5			
		Purple (N82A)	6			
		Others (specify)	9			
26	Root: Pungency	Absent	1			
		Present	9			
27	Root: Maturity (days to 50% marketable maturity from sowing)	Very early (up to 25)	1			
		Early (>25-35)	3			
		Medium (>35-45)	5			
		Late (>45-55)	7			
		Very late (>55)	9			
28	Root : Tendency of pithiness (Roots of 50% plants showing pithiness, days after marketable maturity stage)	Absent or very weak (> 20)	1			
		Weak (>15-20)	3			
		Moderate (>10-15)	5			
		Strong (>5-10)	7			
		Very strong (up to 5)	9			
29	Flower: Petal colour	White (NN155)	1			
		Yellowish	2			
		Pinkish (65C, 62C, 65B)	3			
		Red	4			
		Purple (77C, 75A)	5			
		Other (specify)	6			
30	Flower: Male sterility	Absent	1			
		Present	9			