

## Carrot Genetic Resources Characterization Descriptor

S.No.	Descriptor	No. of observation	Method of data record	Stage of the crop
1.	Leaf colour	Visual observation	1- light green 2- Green 3- Dark Green 4- purple 5- Other	To be recorded at full foliage stage
2.	Leaf length (cm)	5-10 random leaves	Quantitative	To be recorded 5-10 random large leaves at marketable root harvest stage
3.	Leaf width (cm)	5-10 random leaves	Quantitative	To be recorded as average of the widest part of the same 5-10 large leaves at marketable root harvest stage
4.	Leaf size	Visual Observation	1-Small 2- Medium 3- Large 4- Others	To be recorded at marketable root harvest stage
5.	Petiole length (cm)	5-10 random leaves	Quantitative	To be recorded as average of same 5-10 leaves at marketable leaf harvest stage
6.	Coreness	Visual Observation	1- Absent 2-present	To be recorded at marketable leaf harvest stage
7.	Core size	Visual Observation	1- Small 2-Medium 3- large 4-others	To be recorded at marketable leaf harvest stage
8.	Core colour	Visual Observation	1-Self colour 2-White 3-Creamy white 4-Green 5- Light red 6- Pink 7- Red 8-Dark red 9- Other	To be recorded at marketable root harvest stage
9.	Root flavour	5-10 random root	1-Turpentine taste 2- Medium sweet 3-Sweet 4-others	To be recorded at marketable root harvest stage
10.	Root forking	Visual Observation	1- Absent 2-Present	To be recorded at marketable root harvest stage
11.	Root colour	Visual Observation	1-Creamy White 2- Yellow 3- Orange 4- Light red 5- Dark red 6- Deep purple 7- Others	To be recorded at marketable root harvest stage
12.	Root shape	Visual Observation	1- Conical 2- Cylindrical 3- Tapering 4- others	To be recorded at marketable root harvest stage
13.	Root tail	Visual Observation	1- Acute 2- Semi blunt 3- Blunt 4- Others	To be recorded at marketable root harvest stage
14.	Root length (cm)	5-10 random plants	Quantitative	To be recorded as average of 5-10 roots at marketable root harvest stage
15.	Root diameter (cm)	5-10 random roots	Quantitative	To be recorded as average of same 5-10 roots at marketable root harvest stage
16.	Root weight (g)	5-10 random roots	Quantitative	To be recorded as average of same 5-10 roots at marketable root harvest stage
17.	Root cracking	Visual Observation	1- Absent 2- horizontal 3- Vertical 4- Others	To be recorded at marketable root harvest stage
18.	Extent of root cracking	Visual observation	1- Low 2- Medium 3- High 4- Others	To be recorded at marketable root harvest stage
19.	Root pubescence	Visual Observation	1- Absent 2- Present	To be recorded at marketable root harvest stage
20.	Days to first root harvest	5-10 random plants	Quantitative	To be recorded as number of days from sowing date to date of last marketable root harvest
21.	Days to last root harvest	5-10 random plants	Quantitative	To be recorded as number of days from sowing date to date of last marketable root harvest
22.	Bolting habit	Visual Observation	1- Tropical 2- Temperate 3- Others	To be recorded at flowering stage