

Brinjal Genetic Resources Characterization Descriptor

S.No.	Descriptor	No.of observation	Method of data record	Stage of the crop
1	Plant Growth habit	Visual Observation	1. Upright, 2-Intermediate, 3- Prostrate, 4-Others	To be recorded at Peak Fruiting Stage
2	Plant Height (cm)	Visual Observation	1- Small, 2-Medium, 3- Tall, 4-Others	To be recorded at peak Fruiting Stage
3	Plant spread (cm)	Visual Observation	1- Very narrow, 2- Narrow, 3- Intermediate, 4- Broad, 5- Very Broad, 6- Others	To be recorded at peak fruiting stage
4	Number of primary branches per Plant	5 Random Plants	Quantitative	To be recorded at peak fruiting stage
5	Days to 50% Flowering	5 Random Plants	Quantitative	To be recorded as number of days from date of transplanting to date when at least 50% percent plants show first flower open
6	Corolla Colour	Visual Observation	1- White, 2- Greenish White, 3- Pale Violet, 4- Light Violet, 5- Bluish Violet, 6- Others	To be recorded at flowering stage
7	Calyx Colour	Visual Observation	1- Smooth, 2- Medium thorny, 3- high thorny, 4- Others	To be recorded at flowering Stage
8	Number of Fruit per Plants	5 Random Plants	Quantitative	To be recorded as average of cumulative yield of all picking on same 5 plants at marketable stage
9	Fruit Curvature	Visual Observation	1- None, 2- Slightly curved, 3- curved, 4- Snake shaped, 5- sickle shaped, 6-U shaped, 7- Other	To be recorded on marketable fruits
10	Fruit Shape	Visual Observation	1-Long, 2-Round, 3-Oblong, 4-Oval, 5- Others	To be recorded on marketable fruits
11	Fruit Colour	Visual observation	1- Milky White, 2- Green, 3- Deep Yellow, 4- Fire Red, 5- Scarlet Red, 6- Lilac red, 7- Purple, 8-Purple Black, 9- Black, 10-Light Purple, 11- Others	To be recorded on marketable Fruits
12	Fruit Yield Per Plants (Kg)	5 Random Plants	Quantitative	To be recorded as average of Cumulative yield of all pickings on same 5 Plants at marketable stage
13	Fruit weight (g)	5 Random Plants	Quantitative	To be calculated on the basis of fruits per Plant
14	Seediness	Visual Observation	1- Low , 2- Medium, 3- High, 4- Others	To be recorded on marketable fruits.
15	Seed Colour	Visual Observation	1- White, 2-Light Yellow, 3-Grey yellow, 4- Brownish yellow, 5-brown, 6- Brown Black, 7- black, 8- others	To be recorded on mature and dried seed
16	100 Seed Weight (g)	5 Random Plants	Quantitative	To be recorded at the time of marketable stage on random dried seeds