Okra Genetic Resources:Mminimal characterization Descriptors

S.NO.	**Descriptor**	**No. of Observation**	**Method of Data Recording**	**Stage of the Crop**
1	Early plant vigour	visual observation	1-Poor, 2-Good, 3-Very Good	To be recorded after 25 days of sowing
2	Plant growth habit	visual observation	1-Erect, 2-Medium, 3-Procumbent, 4-Others	To be recorded at completion of vegetative stage
3	Branching habit	visual observation	1-Low, 2-Profused, 3-Others	To be recorded at full foliage stage
4	Days to 50% flowering	5 random plant	Quantitative	To be recorded as the number of days from date of sowing to the day when 50% plants flowered in a row
5	Number of epicalyx segments	visual observation	1: From 5-7, 2:From 8-10, 3: More Than 10,4: Others	To be recorded at the flowering stage
6	Shape of epicalyx segments	visual observation	1-Linear, 2-Lanceolate, 3-Triangular, 4-Others	To be recorded at the flowering stage
7	First flowering node	5 random plant	Quantitative	To be recorded at the flowering stage
8	First fruit colour	5 random plant	Quantitative	To be recorded at maturity stage
9	Immature fruit colour	visual observation	1-Yellowish, 2-Green, 3-Dark Green, 4-Red, 5-Dark Red, 6 -Others	To be recorded at fruiting stage, when fruits are tender and marketable
10	Fruit length (cm)	5 random plant	Quantitative	To be recorded at fruiting stage, when fruits attained full length, still tender and marketable
11	Fruit width (cm)	5 random plant	Quantitative	To be recorded at maturity stage
12	Number of fruits per plant	5 random plant	Quantitative	To be recorded at during full range of harvesting (ad all picking) upto near maturity stage
13	Number of ridges per fruit	visual observation	1:From 5 to 7, 2: From 8 to 10, 3: More Than 10, 4: Others	To be recorded at near maturity stage
14	Fruit pubescence	visual observation	1-Downy, 2-Slightly Rough, 3-Prickly, 4-Others	To be recorded at fully grown green fruit stage
15	Plant height	5 random plant	Quantitative	To be measured from ground level to tip of the main shoot (average of 5 plants)
16	Days to 80% maturity	5 random plant	Quantitative	To be recorded from the date of sowing to the date when 80% plants have complete mature fruits in a row
17	Mature fruit colour	5 random plant	1-Yellowish Green, 2-Green, 3-Green with Red Patches, 4-Dark Green, 5-Dark Red, 6-Others	To be recorded at near maturity stage
18	Seed shape	5 random plant	1-Round, 2-Reniform, 3-Others	To be recorded after harvesting of the crop
19	Number of seeds per fruit	5 random plant	Quantitative	To be recorded at maturity stage
20	100 seed weight (g)	5 random plant	Quantitative	To be measured as weight of hundred random seeds in grams (average of 5 random plants)
21	Yield per plant (g)	5 random plant	Quantitative	To be recorded as average of 5 random plants, under full span of picking by adding weight of green and tender fruits.

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