

Plant		Finger millet		436	Primary essential character	
No	Characters	No. of samples	Methods	Rank or measurement unit		Remarks
1	Plant habit	Block	Observation	3:Decumbent 5:Intermediate 7:Erect		Just before heading
2	Heading time	Block	Observation	date		Date when 40-50% ears have emerged on the main culm and primary tillers from base of the main culm
3	Culm length	10 plants	Measurement	cm (integer)		Average length from the ground to the neck of ear on the longest culm at maturity
4	Finger length	10 plants	Measurement	cm (integer)		Average length from the base to the tip of the longest spike at maturity
5	Number of ears	10 plants	Measurement	(integer)		Average number of ears on the main culm and primary tillers from base of the main culm at maturity
6	Ear shape	Block	Observation	2:Open 3:Semi-compact 4:Compact 5:Fist-like		Observe at maturity
7	Maturity	Block	Observation	date		Date when 80% ears on the main culm and primary tillers from base of the main culm turn yellowish
8	Grain color	Block	Observation	0:Cream 2:Pale brown 4:Light brown 6:Copper brown 8:Purple brown		Observe at maturity

Plant		Finger millet		436	Primary optional character
No	Characters	No. of samples	Methods	Rank or measurement unit	Remarks
1	Culm thickness	Block	Observation	3:Thin 5:Intermediate 7:Thick	Observe at maturity
2	Number of tillers	10 plants	Measurement	(integer)	Observe at maturity. Number of primary tillers from base of the main culm including the main culm
3	Number of highest branches on the main culm	10 plants	Measurement	(round to the 1st decimal place)	Observe on the main culm at maturity
4	Flag leaf width	10 plants	Measurement	mm (integer)	Observe at the heading period
5	Color of immature ear	Block	Observation	2:Green 5:Mixed 8:Purple red	Observe before maturity
6	1000-grain weight	Block	Measurement	g (round to the 1st decimal place)	Measure the weight of 100 seeds five times, then calculate its average

Plant	Finger millet		436	Secondary essential character	
No	Characters	No. of samples	Methods	Rank or measurement unit	Remarks
1	Lodging tolerance	Block	Observation	3:Low 4:Slightly low 5:Intermediate 6:Slightly high 7:High	Observe the degree of lodging during growing time
2	Blast resistance	Block	Observation	3:Low 4:Slightly low 5:Intermediate 6:Slightly high 7:High	Observe the degree of resistance to blast in field

Plant		Finger millet		436	Tertiary essential character	
No	Characters	No. of samples	Methods	Rank or measurement unit		Remarks
1	Grain yield	Block	Measurement	kg/a (round to the 1st decimal place)		Grain moisture content: 12.5%. Estimated from a plot of approximately 3 square meters
2	One-liter-grain weight	Block	Measurement	g (integer)		Grain moisture content: 12.5%. Average weight of one-liter of grains with glumes
3	Ease of hulling	Block	Observation	3:Easy 5:Intermediate 7:Difficult		Ease of threshing

Plant	Finger millet	436	Tertiary optional character		
No	Characters	No. of samples	Methods	Rank or measurement unit	Remarks
1	Total dry matter weight	Block	Measurement	kg/a (round to the 1st decimal place)	Grain moisture content: 12.5%