

Company name						
Crop Name		Grain Amaranthus				
Variety Name						
Types Of Variety(Hybrid/Composite/Synthetic/Improved/Single Cross/Double Cross)						
S.N	Characteristics	States	Note	Hybrid/Research Variety	Female	Male
1	2	3	4	5	6	7
1	Seedling: anthocyanin coloration of hypocotyl	Absent	1			
		Present	9			
2	Leaf blade: length (cm)	Short (<18 cm)	3			
		Medium (18-22 cm)	5			
		Long (>22 cm)	7			
3	Leaf blade width (cm)	Narrow (<10 cm)	3			
		Medium (10-14 cm)	5			
		Broad (>16 cm)	7			
4	Leaf blade: presence of blotch	Absent	1			
		Present	9			
5	Leaf blade: Main colour	Green	3			
		Purple	7			
6	Petiole length (cm)	Short (<14 cm)	3			
		Medium (14 -17 cm)	5			
		Long (>17 cm)	7			
7	Inflorescence colour	Light yellow	1			
		Yellow	2			
		Yellowish green	3			
		Orange	4			
		Pink	5			
		Pinkish green	6			
		Purple	7			
		Red ( <i>Red group 51B</i> )	8			
		Reddish green	9			
		Green	10			
		Others (Mottoling)	99			
8	Days to 50% flowering (days)	Early (< 70 days)	3			
		Medium (70-80 days)	5			
		Late (>80 days)	7			
9	Inflorescence: compactness	Lax	3			
		Intermediate	5			
		Dense	7			
10	Inflorescence length (cm)	Short (<40 cm)	3			
		Medium (40-70 cm)	5			
		Long (>70 cm)	7			
11	Inflorescence spininess	Absent	1			
		Present	9			

S.N	Characteristics	States	Note	Hybrid/Research Variety	Female	Male
1	2	3	4	5	6	7
12	Lateral spikelet length (cm)	Short (<10 cm)	3			
		Medium (10-15 cm)	5			
		Long (>15 cm)	7			
13	Inflorescence: shape	Erect	3			
		Semi erect	5			
		Drooping	7			
14	Plant height (cm)	Short (<150 cm)	3			
		Medium (150-200)	5			
		Tall (>200 cm)	7			
15	Stem colour	Yellowish green ( <i>Yellowish-Green 150C</i> )	3			
		Pink ( <i>Red-Purple 67A</i> )	5			
		Red ( <i>Red group 54A</i> )	7			
16	Stem surface	Smooth	1			
		Ridged	9			
17	Seed transparency	Translucent	1			
		Opaque	9			
18	Seed colour	Creamish ( <i>White group 155D</i> )	3			
		Yellow ( <i>Yellow group 4D</i> )	5			
		Pink ( <i>Red-Purple 67C, 67D</i> )	7			
19	Seed Shape	Ellipsoid	1			
		Discoid	2			
		Opaque	2			
20	Seed weight (g/10 ml.)	Low (<7 g)	3			
		Medium (7 - 8 g)	5			
		High (>8 g)	7			