

<b>Company Name</b>						
<b>Crop Name</b>		<b>VEG. AMARANTHUS</b>				
<b>Variety Name</b>						
<b>Types of Variety: (Hybrid/ composite/ synthetic/ improved/ Single cross/ Double cross)</b>						
<b>Sr.No</b>	<b>Trait</b>	<b>States</b>	<b>Note</b>	<b>Hybrid / Research Variety</b>	<b>Female</b>	<b>Male</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
1	Cotyledon: anthocyanin coloration	Absent	1			
		Present	9			
2	Seedling: anthocyanin coloration of hypocotyls	Absent	1			
		Present	9			
3	Young leaf: length (cm)	Short (<10)	3			
		Medium (10.1-13)	5			
		Long(>13)	7			
4	Young leaf: width (cm)	Narrow (<6)	3			
		Medium(6.1-8)	5			
		Broad (>8)	7			
5	Young leaf: position of broadest part	In middle or slightly towards base	1			
		Moderately towards base	2			
		Strongly towards base	3			
6	Young leaf: prominence of veins	Weak	3			
		Medium	5			
		Strong	7			
7	Young leaf: main color on upper side	Light green	1			
		Medium green	2			
		Dark green	3			
		Red	4			
		Purple	5			
8	Young leaf: distribution of secondary color on upper side	Colored basal area	1			
		Central blotch	2			
		Colored margin and Veins	3			
9	Young leaf: color on the lower side	Green	1			
		Red	2			
		Purple	3			
10	Leaf: margin	Entire	1			
		Sinuate	2			
11	Leaf blade: main color	Light green	1			
		Medium green	2			
		Dark green	3			
		Red	4			
12	Leaf blade: presence of blotch	Absent	1			
		Present	9			
13	Leaf blade: size of blotch in relation to blade	Small	3			
		Medium	5			
		Large	7			

Sr.No	Trait	States	Note	Hybrid / Research Variety	Female	Male
1	2	3	4	5	6	7
14	Leaf blade: color of blotch	Green	1			
		Silvery	2			
		Red	3			
		Purple	4			
15	Leaf blade: shape of blotch	Ovoid	1			
		“V” shaped	2			
16	Petiole: anthocyanin coloration	Absent	1			
		Present	9			
17	Stem: color	Green	1			
		Pink	2			
		Red	3			
		Purple	4			
		White	5			
18	Plant: height (cm)	Short(<50)	3			
		Medium (50.1-80)	5			
		Tall (>80)	7			
19	Stem: anthocyanin coloration of base	Absent	1			
		Present	9			
20	Stem: shape in cross section	Circular	1			
		Undulated	2			
21	Plant : type of harvesting	Pulling type	1			
		Cutting type	2			
22	Days to 50% flowering	Early (<40)	3			
		Medium (40.1-50)	5			
		Late(>50)	7			
23	Inflorescence: color	Green	1			
		Pink	2			
		Red	3			
		Purple	4			
24	Plant growth habit	Determinate	1			
		Indeterminate	2			
25	Seed: color	Brown	1			
		Black	2			
26	Seed: shape	Ellipsoid	1			
		Discoid	2			
27	1000 Seed weight (g)	Low (0.6)	3			
		Medium(0.61- 0.8)	5			
		High (>0.8)	7			