

Table of Characteristics of World Vegetable Center-Selected Amaranth Lines

Category & line code	Days to inflorescence ¹	Plant type	Plant height (cm)	No. of branches	Leaf					Stem color	Flower color	Seed color	Leaf yield (t/ha)	Grain yield (t/ha)	
					shape	margin	size ²	color	surface					LH ³	NLH ³
Vegetable															
AVAM1601	50.8	Erect	148	9.9	Lanceolate-elliptical	N/A	Large	Green	Smooth	Green	Green	Creamy	12.0-20.7	0.5-1.4	1.1-3.2
AVAM1608	67	Semi-erect / indeterminat	230	6	Rhombic	N/A	Large	Green	Smooth	Green	Green	Black	26.3	N/A	N/A
AVAM2002	53	Prostrate	157	N/A	Lanceolate	Undulated	N/A	Green	N/A	Green	Green	Black	24.5	1.7	
AVAM2003	51	Prostrate	145	N/A	Lanceolate	Entire	N/A	Green	N/A	Green	Green	Black	28.0	2.2	
Vegetable & grain															
AVAM1604	42.8	Erect	152	8.5	Ovate	N/A	Large	Green	Smooth	Green	Green	Creamy	11.8-15.1	0.5-2.0	1.5-4.2
AVAM1605	42.7	Erect	166	8.3	Ovate	N/A	Large	Green	Smooth	Green	Green	Brown-creamy yellow	12.8-15.9	0.6-2.0	1.2-4.1
AVAM2001	50	Prostrate	141	N/A	Lanceolate	Undulated	N/A	Green	N/A	Green	Green	Yellow	31.9	2.3	
AVAM2009	51	Prostrate	144	N/A	Lanceolate	Entire	N/A	Green	N/A	Green	Green	Yellow	30.8	1.7	
AVAM2012	50	Erect	153	N/A	Lanceolate	Undulated	N/A	Green	N/A	Green	Green	Creamy white	21.5	1.9	
AVAM2016	52	Prostrate	114	N/A	Lanceolate	Undulated	N/A	Green	N/A	Green	Green	Yellow	31.9	1.6	
Grain															
AVAM1606	54.7	Erect	222	13.1	Long ovoid	N/A	Large	Green	Smooth	Purple	Purple-red	Whitish-creamy	9.5-22.1	0.4-1.0	1.5-5.5
AVAM1607	51.5	Erect	207	9.9	Long ovoid	N/A	Large	Green	Smooth	Purple	Purple-red	Whitish-creamy	9.0-14.7	0.2-1.0	1.2-5.1
¹ Days to inflorescence: days from sowing to 50% flowering ² Leaf size: small (leaf length <5 cm), medium (5-10 cm), large (> 10 cm) ³ LH= leaves harvested for four times during growing season; NLH= no leaf harvested; N/A=data not available															