

**Table of Characteristics of World Vegetable Center-Selected Amaranth Lines**

Purpose & Vegetable introduction no.	Days to inflorescence <sup>1</sup>	Plant type	Plant height (cm)	No. of branches <sup>2</sup>	Leaf				Stem color	Flower color	Seed color	Leaf yield (t/ha) <sup>4</sup>	Grain yield (t/ha) <sup>4</sup>	
					shape	size <sup>3</sup>	color	surface					LH <sup>5</sup>	NLH <sup>5</sup>
Vegetable														
AVAM1601	50.8	Erect	148	9.9	Lanceolate-elliptical	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	Large	Green	Smooth	Green	Green	Black	26.3	N/A	N/A
Vegetable & grain														
AVAM1604	42.8	Erect	152	8.5	Ovate	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	Large	Green	Smooth	Green	Green	Brown-creamy yellow	12.8-15.9	0.6-2.0	1.2-4.1
Grain														
AVAM1606	54.7	Erect	222	13.1	Long ovoid	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	Large	Green	Smooth	Purple	Purple-red	Whitish-creamy	9.0-14.7	0.2-1.0	1.2-5.1

<sup>1</sup>Days to inflorescence: average data measured during rainy and dry-cold seasons in 2012; for AVAM1608 ,data collected under rainfed with supplemental irrigation in 2016

<sup>2</sup>No. of branches: average data measured during rainy season in 2013-2014; for AVAM1608, average of 3 locations grown under rainfed with supplemental irrigation in 2015

<sup>3</sup>Leaf size: small (leaf length <5 cm), medium (5-10 cm), large (> 10 cm)

<sup>4</sup>Average quantitative yield data measured during rainy and dry-cold seasons in 2012-2014 at Arusha, Regional Center for Eastern and Southern Africa, Tanzania; for AVAM1608, yield of 3 locations in northern Tanzania grown under rainfed with supplemental irrigation in 2015

<sup>5</sup>LH= leaves harvested for four times during growing season; NLH= no leaves harvested; N/A=data not available