

Variety	Brand/ Company	Days to Flower (DAP ¹)	Days to Mature (DAP ¹)	Plant height (in)	Seed Size				1000 Seed Weight (g)	Test weight (lb/bu)	Yield		
					<8mm (%)	8-9mm (%)	9-10mm (%)	>10mm (%)			2019	2-Yr Avg	3-Yr Avg
Desi													
CDC ANNA	Meridian Seeds	58	111	18.3	100.0	0.0	0.0	0.0	182.4	62.3	2449	2112	1678
Kabuli													
CDC ORION	Meridian Seeds	57	111	18.0	40.8	46.7	12.4	0.1	400.4	61.4	2466	2115	1701
CDC LUNA	Meridian Seeds	57	112	18.0	74.4	22.2	3.2	0.3	338.7	62.2	2228	2079	1585
CDC FRONTIER	Meridian Seeds	58	107	17.8	78.8	19.4	1.7	0.0	333.2	61.9	2140	1826	1458
SAWYER		58	109	17.4	72.1	22.2	5.6	0.1	366.2	60.4	1987	1825	1411
SIERRA		58	109	17.7	39.5	47.1	12.3	1.1	431.7	61.3	1903	1571	1242
CDC Leader	Meridian Seeds	56	111	18.0	67.6	29.7	2.7	0.0	351.2	62.2	2772	2364	-
CDC Palmer	Meridian Seeds	56	112	18.1	47.1	47.3	5.6	0.0	387.1	61.8	2921	2405	-
BGC090017		57	112	20.1	48.6	44.6	6.9	0.0	394.8	62.6	2555	-	-
MS-19CP1	Meridian Seeds	56	111	16.9	99.2	0.8	0.0	0.0	269.5	63.0	2861	-	-
MS-19CP2	Meridian Seeds	59	110	20.1	98.7	1.3	0.0	0.0	238.6	60.0	2785	-	-
Mean		57	111	19	57.3	30.7	11.3	0.7	367.4	61.2	2340.0	-	-
CV (%)		1.9	2.4	8.4	8.4	12.1	27.1	125.9	3.6	1.3	11.0	-	-
LSD (5%)		1.5	3.8	2.2	6.9	5.3	4.3	1.2	19.0	1.1	365.3	-	-
LSD (10%)		1.3	3.1	1.9	5.7	4.4	3.6	1.0	15.8	0.9	304.8	-	-

Location of the WREC: Latitude 48 8'; Longitude 103 44'W; Elevation 2105 ft

Previous Crop: German Foxtail Millet

Planting Date: 5/3/19

Harvest Date: 9/4/19

Soil type: Williams-Bowbells loam

Soil test to 6" in ppm: P=26 ppm; K=301 ppm; OM=1.8%; pH=5.5

Soil test to 24" in lb/a: N=106 lb/a

Applied fertilizers in lb/a: none

Herbicide Applications: Valor @ 3 oz/a with LV6 @ 1pt/a (10/22/18) ; Secure EC @ 12 oz/a (6/24/2019)

¹DAP = days after planting