



2024 Dryland Proso Millet Variety Performance Trial at Akron



Variety	Brand/Source	Grain Yield ^a		Yield % of avg	2-Yr Avg.	Test	Grain	Maturity days from planting
		bu/ac	lb/ac		bu/ac	Weight lb/bu	Moisture percent	
DLG 240	Dryland Genetics	86.7	4335	123	-	57.0	17.1	95
PMx11.32-93	UNL Experimental	86.0	4301	122	79	57.1	15.8	94
PMx11.35-32	UNL Experimental	85.5	4274	121	-	56.5	16.9	95
PMx11.26-63	UNL Experimental	85.3	4267	121	-	57.0	17.6	95
PMx11.31-101	UNL Experimental	81.7	4087	116	75	57.1	14.7	87
EX DLG24382	Dryland Genetics	80.6	4032	115	76	56.6	17.0	95
DLG 197	Dryland Genetics	77.9	3894	111	-	56.7	14.8	90
Early Bird	UNL-ARD	71.3	3565	101	68	56.2	14.1	85
Huntsman	UNL-ARD	69.6	3478	99	67	56.4	14.8	88
DLG 317	Dryland Genetics	67.0	3352	95	-	55.5	13.7	90
HxM 10-29	UNL Experimental	66.6	3329	95	-	56.2	13.6	85
Horizon	UNL-ARD	66.1	3306	94	65	55.6	13.4	85
Sunrise	UNL-ARD	63.0	3150	90	63	55.7	13.7	85
Plateau	UNL-ARD	40.9	2044	58	50	52.2	11.9	84
Dawn	Kriesel Certified Seed	27.2	1359	39	39	53.7	14.0	70
Average		70.5	3518	100	65	56.0	15.0	88
^b LSD (0.30)		3.4	172					
^b LSD (0.05)		6.5	327					

Coefficient of Variation (CV) 4.3%

^aYield adjusted to 12% moisture and varieties ranked by yield (highest to lowest). Variety yields in bold are in the top LSD group (0.30).

^bFarmers selecting a variety based on yield should use the LSD (.30) to protect themselves from false negative conclusions (concluding varieties are the same when they are actually different). Companies or researchers may use the LSD (.05) to avoid false positive conclusions (concluding varieties are different when they are actually the same).

Site Information

Collaborator: USDA-ARS Central Great Plains Research Station
 Harvest date: September 20, 2024
 Planting date: June 5, 2024
 Soil Type: Rago silt loam
 GPS Coordinates: 40.14921, -103.14071
 Trial Comments: Planted about 1.25" deep into excellent moisture and wheat residue. Acceptable emergence and stands. Weather station data showed the trial received 8.6" of precipitation from June 15th through September 20th.

*The data included in this table may not be republished without permission.
 Contact Sally Jones-Diamond (sally.jones@colostate.edu)*