

2025 Dryland Proso Millet Variety Performance Trial at Akron

Variety	Brand/Source	Grain Yield ^a		Yield % of avg	2-Yr Avg.	Test	Grain
		bu/ac	lb/ac		Yield	Weight	Moisture
PMx11.26-63	UNL Experimental	100.0	5002	111	92.7	58.2	15.9
DLG-0111331	Dryland Genetics Exp.	98.9	4944	110	-	56.2	14.1
PMx11.35-32	UNL Experimental	98.6	4932	110	92.1	58.2	16.9
DLG 240	Dryland Genetics	97.8	4888	109	92.2	58.3	16.9
DLG 28	Dryland Genetics	96.4	4821	107	-	58.5	16.6
DLG-0116944	Dryland Genetics Exp.	96.0	4799	107	-	57.6	15.1
PMx11.32-93	UNL Experimental	95.3	4766	106	90.7	58.4	16.2
DLG-0128534	Dryland Genetics Exp.	92.0	4599	102	-	58.1	17.2
PMx11.31-101	UNL Experimental	91.7	4586	102	86.7	58.2	15.8
DLG-0102353	Dryland Genetics Exp.	90.8	4539	101	-	57.3	14.1
DLG-0103039	Dryland Genetics Exp.	89.0	4451	99	-	58.0	15.1
DLG 317	Dryland Genetics	88.4	4418	98	77.7	57.4	14.8
DLG-0127876	Dryland Genetics Exp.	87.7	4386	98	-	58.0	14.8
HxM 10-29	UNL Experimental	85.5	4273	95	76.0	58.2	14.7
Early Bird	UNL-ARD	84.4	4218	94	77.8	57.7	14.5
PMx11.27-79	UNL Experimental	83.4	4169	93	-	58.1	14.8
Sunrise	UNL-ARD	82.8	4139	92	72.9	57.4	14.3
Huntsman	UNL-ARD	81.1	4053	90	69.6	58.1	14.6
DLG-0100837	Dryland Genetics Exp.	80.4	4020	89	-	57.1	15.1
Horizon	UNL-ARD	77.2	3860	86	71.6	57.3	13.5
Average		90.0	4493	100	81.8	58.0	15.0
		^b LSD (0.30)	2.7	135		0.2	
		^b LSD (0.05)	5.1	257		0.4	
Coefficient of Variation (CV)			2.5%			0.30%	

^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 22, 2025
 Planting date: June 20, 2025
 Soil Type: Rago silt loam
 GPS Coordinates: 40.14934816, -103.1413372
 Trial Comments: Planted 1.25" deep into good moisture and wheat residue. Excellent emergence and stands. Trial desiccated on Sept. 15th with glyphosate to allow for direct harvest. Weather station data showed the trial received 8.8" of precipitation from June 20th through September 15th.

*The data included in this table may not be republished without permission.
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