

2026 Dryland Winter Forage Variety Performance Trial at Akron

Brand/Source	Variety	Forage Species ¹	Dry Matter Yield ² tonne	Moisture % at harvest	Harvest Growth Stage	Grain harvest				Forage Quality ³								
						Yield	Test Weight	Grain Protein	Plant Height	RFO	CP	Dry Matter	aNDFom	NDFD30	TDN	NEL	NEG	Milk/Ton
KWS Cereals	KWS Progas	H. Rye	5.5	38.8	Soft Dough	2583	49.5	12.7	31	113	9.2	91.0	49	47	66	68	41	2917
TriCal Superior Forage	TriCal Showtime	Trif	4.9	28.6	Soft Dough	1858	50.7	10.8	32	104	9.7	91.6	48	42	65	67	40	2777
KWS Cereals	KWS Aviator	H. Rye	4.8	42.1	Soft Dough	2118	50.9	11.8	43	94	7.2	87.5	58	50	63	64	36	2751
TriCal Superior Forage	TriCal Exp 554	Trif	4.7	30.7	Soft Dough	1376	46.7	12.8	34	87	6.9	90.4	58	40	57	58	29	2124
Nufloran Genetics	NT21436	Trif	4.7	31.4	Soft Dough	1902	51.6	13.6	33	92	9.0	91.0	49	39	64	66	38	2604
SecCan	Hazel	OP Rye	4.6	37.9	Soft Dough	2127	55.0	10.5	38	98	7.5	89.7	52	44	66	68	40	2782
Univ. of California-Davis	UCT 2502	Trif	4.5	31.1	Soft Dough	1978	49.4	11.9	25	102	9.1	89.4	48	44	64	66	38	2696
Univ. of California-Davis	UCT 2501	Trif	4.4	35.3	Soft Dough	2085	50.0	12.4	25	138	12.0	92.1	40	42	70	72	47	3092
TriCal Superior Forage	TriCal Exp 938	Trif	4.2	35.0	Soft Dough	1611	48.6	15.8	33	88	9.4	89.9	52	42	63	64	37	2539
Univ. of California-Davis	UCT 2505	Trif	4.0	27.5	Soft Dough	1485	53.5	11.8	24	88	8.8	91.0	53	44	61	63	34	2525
TriCal Superior Forage	TriCal Exp 209	Trif	3.9	29.4	Soft Dough	1423	49.0	14.6	29	90	8.1	90.2	52	42	63	65	37	2623
PlainsGold	Gabriel	W	3.9	27.0	Soft Dough	1326	61.4	11.4	21	116	9.4	91.8	44	46	65	66	39	2822
TriCal Superior Forage	Surge	Trif	3.6	34.9	Soft Dough	1040	46.6	12.2	33	100	8.8	91.4	50	45	63	64	36	2656
PlainsGold	Whisper	W	3.6	27.1	Soft Dough	1831	59.0	10.9	20	103	8.4	93.4	47	42	65	67	40	2692
PlainsGold	Ray	W	3.5	35.0	Soft Dough	1104	52.5	14.2	20	93	9.9	90.2	51	44	62	64	36	2569
Nufloran Genetics	NT Pronto	Trif	3.5	28.7	Soft Dough	1181	47.7	14.1	24	98	9.8	88.9	50	46	63	65	37	2741
Univ. of California-Davis	UCT 2504	Trif	3.4	45.5	Soft Dough	1573	49.1	12.7	23	106	9.3	90.1	46	41	65	67	40	2739
Univ. of California-Davis	UCT 2503	Trif	3.4	41.5	Soft Dough	1247	49.8	12.5	25	91	8.2	90.8	51	44	62	63	35	2523
Montana State Univ.	MT Cash	W	3.4	40.3	Soft Dough	963	53.9	14.4	31	92	8.4	91.6	52	44	63	64	36	2609
PlainsGold	Amplify SF	W	3.3	31.0	Soft Dough	1019	58.2	13.6	23	108	11.4	91.9	49	48	64	65	39	2766
Oklahoma Genetics, Inc	OK Corral	W	3.3	29.1	Soft Dough	1314	54.2	12.3	22	103	9.7	92.2	46	41	65	67	40	2677
Various	MTF1435	W	-	-	Soft Dough	810	53.0	13.7	20	100	10.5	90.4	50	50	61	62	35	2618
	Average		4.0	33.6	-	1543	51.8	12.7	28	99	9.1	90.7	50	44	64	65	38	2675
	LSD (0.30) ⁴		0.6			173												
	LSD (0.05) ⁴		1.1			335												
	Coefficient of Variation (CV)		11.5%					15.1%										

¹All forage quality analysis results are dry basis values. CP=crude protein; RFO=relative feed quality; aNDFom=ash free neutral detergent fiber; NDFD30=neutral detergent fiber digestibility at 30 hours; TDN=total digestible nutrients using OARDC; NEL=net energy for lactation using OARDC; NEG=net energy gain using OARDC; and MilkTon=predicted amount of milk produced per ton of dry matter calculated using MILK2013.

²Forage Species: OP Rye=Open Pollinated Rye; H. Rye=Hybrid Rye; Trif=Trifolium; W=Wheat.

³Harvest at Akron was targeted for the soft dough growth stage. Trial was planted on Oct. 1, 2025 and harvested on June 15th and 22nd for forage and July 6 for grain.

⁴If the difference between two variety yields equals or exceeds the LSD value, the difference is significant. Farmers selecting a variety based on yield should use the LSD (0.30) to protect from false negative decisions. Companies or researchers may be interested in the LSD (0.05) to avoid false positive conclusions.

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