



Cheyenne County 2024 Winter Annual Triticale Forage Variety Trials

Name	Company	First Cutting Forage Yield (ton/ac) ¹	Second Cutting Forage Yield (ton/ac)	Plant Height (in)
NT14433	UNL	7.823	6.937	39.8
NT03T416	UNL	7.380	7.563	33.3
NT21406	UNL	7.350	7.357	34.9
Montech	Green Cover Seed	7.307	7.790	37.9
Wesley	Wheat Check	6.910	6.510	31.5
NT441	UNL	6.860	6.580	35.2
NT17442	UNL	6.740	8.193	38.3
NT21436	UNL	6.633	7.617	37.4
NT19443	UNL	5.883	7.597	35.9
SYTF813	UNL	5.790	6.633	35.2
Standard Error		0.886	0.970	1.7
LSD²		1.503	1.683	2.8
Mean³		6.868	7.278	35.9
CV⁴		12.6	13.3	4.7
Reps		3	3	6

¹ Yield values corrected to 35% moisture content using hand-sample collected at time of cutting. Bolded values indicate highest LSD grouping.

² For differences between varieties that are equal to or greater than the LSD value, the chance that the difference is significant is 90%.

³ Mean performance of all plots in the trial.

⁴ Coefficient of Variation (CV) indicates the quality of a trial, and lower than 15 indicates a high-quality trial. For CV>15, there was higher than expected variability in the field or the data and the results should be used with caution.

SITE INFORMATION

Collaborator:	UNL High Plains Ag Lab	
Planting Date:	9/29/2023	
Seeding Rate:	900,000 s/a for triticale and wheat; 850,000 s/a for hybrid rye	
Fertility:	50 lb/a 40 Rock in-furrow starter	
Herbicide:	Pre-plant burndown with 32 oz/a glyphosate and 4 oz/a 2,4D LV6	
Fungicide:	None	
Soil Type:	Keith and Alliance loams	
GPS:	41.230191, -103.0154	
Planting Info:	Drilled 1.5" decent soil moisture using a 6-row notched no-till double disk drill on 10" centers into no-till wheat fallow	
Cutting Times:	Early	Late
Harvest Date:	5/20/2024	6/11/2024
Average Growth Stage:	Feekes 10.1 Boot to early heading	Feekes 11.1 Milky ripe
Notes on Trial:	Some early fall rains created a good seed bed and early emergence in the fall, however continued drought in the spring and summer of 2024 decreased tillering and spring biomass accumulation. Plot area was uniformly infested with some grassy weeds. Harvested using a Carter Harvester on best 3 rows of the plot and weighed. Yields adjusted to 35% moisture according to hand sampled tissue collected at the time of cutting.	

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