

Table: 2017 Winter cereal forage trial, Moccasin, MT.

Variety	Heading Date		Plant Height in	Forage Yield lb/ac	Grain Yield ¹ lb/ac	Test Weight lb/bu	Protein	Acid Detergent Fiber	Neutral Detergent Fiber	Total Digestible Nutrients	Nitrate ppm	Relative Feed Value
	cal	jul										
Flex 719	5-Jun	156.3	46.7	7972	1644	46.4	9.4	30.2	57.9	68.1	90.0	105.0
MTF1432	16-Jun	167.3	31.0	7104	2022	54.6	-	-	-	-	-	-
MTF1435	13-Jun	164.3	34.0	7004	2009	55.4	9.7	31.7	61.1	66.4	167.0	97.7
MTF1559	18-Jun	169.3	30.3	6989	2086	52.9	-	-	-	-	-	-
MTF1631	13-Jun	164.3	31.7	7926	2120	56.7	10.6	27.6	54.7	71.1	67.3	114.7
MTF1775	13-Jun	164.3	27.3	6773	2413	58.3	10.9	26.2	52.6	72.7	125.3	121.3
MTF1786	15-Jun	166.0	34.0	6420	2206	57.9	-	-	-	-	-	-
T-1310-230	8-Jun	159.3	51.0	7581	1195	48.9	-	-	-	-	-	-
T1310-218	8-Jun	159.0	52.3	8877	1065	48.3	-	-	-	-	-	-
T1310-219	7-Jun	157.7	46.0	8440	1492	50.8	-	-	-	-	-	-
T1310-221	8-Jun	159.3	52.3	8230	1487	48.9	-	-	-	-	-	-
Trical 102	10-Jun	161.3	48.3	9391	1234	44.3	9.3	30.4	58.5	67.9	147.7	103.7
WCF0013	10-Jun	161.0	51.7	8429	1198	50.7	-	-	-	-	-	-
WCF1020	7-Jun	158.3	50.3	8351	1196	49.0	9.5	27.7	56.7	71.0	167.7	110.3
WCF1060	9-Jun	160.3	50.7	8221	1411	45.5	10.0	28.1	55.5	70.5	125.3	112.3
WCF1078	7-Jun	158.0	53.0	8369	1143	48.5	-	-	-	-	-	-
WCF1216	9-Jun	160.3	52.7	8268	1569	48.7	-	-	-	-	-	-
WCF1440	8-Jun	158.7	54.0	7954	1170	48.7	-	-	-	-	-	-
Willow Creek	22-Jun	173.0	34.3	5525	1651	53.8	11.9	29.7	58.4	68.7	110.7	105.0
Mean	11-Jun	162.0	43.8	7780	1595	51.0	10.2	29.0	56.9	69.5	125.1	108.8
CV%	-	0.5	4.9	10.0	14.4	1.3	11.4	4.8	3.2	2.3	60.9	5.0
LSD (0.05)	-	1.3	3.6	1450.8	381.4	1.1	NS	2.4	3.2	2.8	NS	9.6
P-Value	-	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.171	0.004	0.002	0.004	0.707	0.003

¹Adjusted to 8% moisture

bold indicates top-performing cultivar(s) in a column

bold indicates cultivar performing statistically equivalent to top-performing cultivar(s)

Seeding Date: 10/18/2016

Forage Harvest Dates: 6/30/2017 and 7/5/2017

Grain Harvest Date: 7/26/2017

Note: Entries beginning with MTF (and Willow Creek) are forage winter wheats; all others are forage winter triticales