

Advanced winter cereal forage trial in conventional till and no-till systems at Central Ag Research Center, Moccasin, MT, harvested 6/18/2016.

				<i>Conventional Tillage</i>			<i>No-Till</i>		
Crop		Canopy Height	Dry Matter Yield	AUM per Acre	Canopy Height	Dry Matter Yield	AUM per Acre		
		<u>inches</u>	<u>lb/ac</u>	<u>AUM/ac</u>	<u>inches</u>	<u>lb/ac</u>	<u>AUM/ac</u>		
<i>Experimental Triticale</i>	1	52.2	6129	2.34	43.2	4361	1.67		
"	2	55.3	5767	2.21	42.7	3524	1.35		
"	3	51.4	5619	2.15	44.0	4985	1.91		
"	4	54.8	5651	2.16	41.1	3323	1.27		
"	5	54.4	5767	2.21	39.6	3281	1.26		
"	6	51.6	6138	2.35	39.3	2617	1.00		
"	7	51.8	5977	2.29	38.5	4596	1.76		
"	8	55.9	6502	2.49	43.5	3105	1.19		
"	9	54.3	6676	2.55	42.6	3518	1.35		
"	10	53.3	6217	2.38	40.4	4394	1.68		
"	11	53.8	5962	2.28	42.3	4432	1.70		
"	12	53.0	6582	2.52	41.9	3463	1.32		
"	13	52.1	6025	2.30	45.1	5094	1.95		
"	14	56.4	5982	2.29	42.7	5309	2.03		
"	15	56.2	6253	2.39	41.9	4519	1.73		
"	16	46.3	6550	2.51	41.3	2809	1.07		
<i>Trical Triticale</i>		50.3	5641	2.16	33.7	2957	1.13		
<i>Willow Creek Winter Wheat</i>		38.6	3285	1.26	21.2	1963	0.75		
All									
P-Value		0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Mean		52.3	5929	2.27	40.3	3792	1.45		
CV%		7.8	11.0	11.0	6.9	13.1	13.1		
LSD (0.05)		6.8	1079	0.41	4.6	827	0.32		

Note: AUM per acre = (lbs per acre dry forage) * (35% grazing efficiency) / (915 lbs per AUM)