

2019 spring cereal forage trial, Central Ag Research Center, Moccasin, MT.

CULTIVAR	CROP	CANOPY HT (in)	FORAGE MOISTURE (%)	-----FORAGE YIELD-----			-----GRAIN YIELD-----			TEST WT (lb/bu)
				2018	2019	AVG	2018	2019	AVG	
				----- (t/ac) -----			----- (lb/ac) -----			
40461	Oats	22	58.9	--	1.8	--	--	661	--	37.9
Goliath	Oats	35.7	59.4	--	1.9	--	--	1470	--	41
Haybet	Barley	30.4	61.9	2.9	2.1	2.5	1603	2149	1876	50.8
Hayden	Oats	31.3	62	--	1.9	--	--	1746	--	41.1
Hays	Barley	24.6	62.3	2.9	1.8	2.4	2150	1959	2054	47.4
Lavina	Barley	24.9	61.1	2.6	1.7	2.2	2018	1874	1946	48.8
Lucille	Emmer	29.9	54.8	2.8	1.5	2.2	1649	1342	1496	45.9
MT16F01601	Barley	23.9	61.4	2.7	1.8	2.3	2136	1747	1942	52.2
MT16F01602	Barley	24.5	59.7	--	1.7	--	--	1685	--	49.7
MT16F02408	Barley	23.4	60.2	--	1.6	--	--	1478	--	49.9
MT16F02902	Barley	27.1	61.4	--	1.7	--	--	1884	--	50.8
MT16F02903	Barley	26.9	60.1	2.8	1.4	2.1	1896	1372	1634	52.3
Otana	Oat	32.8	61.6	3	1.9	2.5	1922	1698	1810	39.4
Pronghorn	Triticale	39.3	59.1	2.6	1.7	2.2	1656	1174	1415	51.6
Red Rock	Barley	21.8	61.1	--	1.6	--	--	1584	--	50.8
TriCal Surge	Triticale	39.2	57.9	--	1.4	--	--	1044	--	48.4
Trritical 141	Triticale	40.9	56	--	1.7	--	--	853	--	50.7
Mean		29.3	59.9		1.7			1512.9		47.6
CV%		7.5	3.5		16.9			24.6		13.3
LSD (.050)		3.1	3.0		NS			NS		9.0
P-value		<0.01	<0.01		0.08			<0.01		0.01

Bold = top performer(s)

Bold = statistically equivalent to top performer(s)

¹Fisher's protected LSD not significant when CV% > 15 (YIELD only) and/or P-Value > 0.05