

Table: 2017 Spring cereal forage variety trial, Moccasin, MT.

Variety	Crop	Heading Date		Plant Height in	Forage Yield -----lb/ac-----	Grain Yield <sup>1</sup> -----lb/bu-----	Test Weight lb/bu
		cal	jul				
Haxby	Barley	13-Jul	194.3	18.2	<b>1464.5</b>	1202.6	51.0
Haybet	Barley	10-Jul	191.8	20.0	1387.6	593.0	42.5
Haymaker	Barley	10-Jul	191.8	20.4	<b>1447.2</b>	848.8	45.7
Hays	Barley	12-Jul	193.8	17.4	1218.3	842.1	43.9
Horsford	Barley	10-Jul	191.3	20.5	1310.8	650.1	42.1
Lavina	Barley	10-Jul	191.0	21.3	<b>1830.5</b>	574.4	42.2
MT103038-4	Barley	11-Jul	192.0	17.5	1296.7	553.3	44.5
MT103089-3	Barley	12-Jul	193.5	21.1	1393.3	775.9	41.3
MT103099-3	Barley	13-Jul	194.0	21.3	<b>1691.9</b>	440.0	41.3
Stepford	Barley	9-Jul	190.0	17.8	1253.8	463.7	41.0
Stockford	Barley	12-Jul	193.0	19.4	<b>1587.4</b>	436.5	42.9
Lucille <sup>2</sup>	Emmer	12-Jul	193.3	21.9	<b>1629.9</b>	853.3	37.0
Vida <sup>2</sup>	HRSW	10-Jul	191.0	19.6	906.2	1112.2	<b>58.9</b>
Otana	Oat	11-Jul	192.0	24.4	<b>1552.5</b>	971.1	33.7
Stampede	Oat	16-Jul	197.0	15.6	1007.2	148.2	29.8
Gazelle	Spring rye	3-Jul	<b>184.0</b>	<b>35.1</b>	1411.0	976.4	<b>56.3</b>
Pronghom	Spring triticale	6-Jul	187.0	25.2	1116.8	585.6	53.2
T202567	Spring triticale	12-Jul	193.0	24.0	1122.8	243.3	50.9
Tritical 141	Spring triticale	12-Jul	193.0	28.5	1333.5	760.7	52.2
Mean		10-Jul	191.9	21.5	1366.4	685.8	44.7
CV%		-	0.3	9.6	20.7	54.6	4.5
LSD		-	0.9	2.9	401.1	NS <sup>3</sup>	2.9
P-Value		-	<0.0001	<0.0001	0.002	0.012	<0.0001

<sup>1</sup> Adjusted to 8% moisture

<sup>2</sup> Up to 10% harvest loss

<sup>3</sup> LSD considered non-significant when grain yield CV% > 15

**Bold** indicates top-performing cultivar(s) in a column

**Bold** indicates cultivar performing statistically equivalent to top-performing cultivar(s)

Seeding Date: 5/16/17

Forage Harvest Date: 7/13/17

Grain Harvest Dates: 8/15/17 and 8/22/17