

Table: 2017 Spring barely fertilizer study, Moccasin, MT.

N Rate	S Rate	Plumps	Thins	Protein	Grain Yield ¹
lb/ac		%			bu/ac
Hockett					
0	0	59.6	13.1	13.0	3.7
13	0	72.0	14.1	12.9	9.4
25	0	70.0	13.8	16.0	8.0
38	0	66.9	11.5	15.7	10.7
0	20	65.2	13.6	12.5	6.1
13	20	57.8	15.9	12.8	9.4
25	20	66.3	14.9	13.9	10.4
38	20	59.2	18.3	16.0	11.6
MT090190					
0	0	76.7	11.1	10.7	7.4
13	0	74.7	9.3	11.6	8.6
25	0	76.0	12.8	12.7	11.8
38	0	73.8	11.7	13.4	12.6
0	20	79.0	13.4	11.0	6.0
13	20	72.6	12.7	10.7	12.4
25	20	78.4	13.0	12.2	15.8
38	20	80.1	18.4	13.4	17.5
MT124112					
0	0	51.6	8.6	10.6	6.1
13	0	49.5	10.6	10.8	12.1
25	0	42.7	11.3	12.6	13.3
38	0	38.1	14.3	13.7	16.4
0	20	50.1	7.6	9.8	8.9
13	20	63.2	12.0	10.3	14.4
25	20	55.8	14.3	11.9	17.6
38	20	52.9	21.6	13.1	16.9
MT124128					
0	0	72.0	5.7	10.9	6.4
13	0	76.1	5.0	11.2	15.4
25	0	69.9	5.6	13.0	13.5
38	0	68.2	5.0	13.4	16.2
0	20	68.9	7.3	11.4	4.5
13	20	71.9	6.6	10.7	13.6
25	20	72.3	7.8	11.9	17.9
38	20	70.4	7.7	12.6	22.8
Mean		65.7	11.5	12.4	11.8
CV%		29.2	43.5	6.4	29.1
LSD		26.9	7.0	1.1	NS
P-Value (Variety)		<0.0001	<0.0001	<0.0001	<0.0001
P-Value (N)		0.89329	0.03675	<0.0001	<0.0001
P-Value (S)		0.627	0.004	<0.001	<0.001
P-Value (Variety:N)		0.995	0.305	0.285	0.126
P-Value (Variety:S)		0.459	0.978	0.825	0.849
P-Value (N:S)		0.930	0.195	0.058	0.157
P-Value (Variety:N:S)		0.990	0.991	0.308	0.329
¹ Adjusted to 8% Moisture					
Seeding Date: 5/11/2017					
Harvest Date: 8/28/2017					