

2018 spring barley fertility study, Central Ag Research Center, Moccasin, MT

N RATE ------(lb/ac) -----	S RATE	TEST WT (lb/bu)	PLUMPS (%)	100 KERN WT (g)	YIELD (bu/ac)
Hockett					
0	0	55.5	94	4.4	27
14	0	56.1	95	4.7	37
27	0	55.7	94	4.5	41
41	0	56.6	93	4.5	43
0	20	54.5	94	4.5	27
14	20	56.1	94	4.4	41
27	20	56	91	4.3	46
41	20	56	94	4.5	55
MT090190					
0	0	54.1	93	4.3	22
14	0	55.6	94	4.4	29
27	0	55.3	94	4.4	38
41	0	55.7	94	4.3	39
0	20	54.4	94	4.4	22
14	20	55.2	95	4.4	37
27	20	55.2	95	4.3	44
41	20	55.7	93	4.2	46
MT124112					
0	0	55.9	97	4.6	22
14	0	55.7	97	4.5	34
27	0	55.8	97	4.5	41
41	0	55	96	4.4	44
0	20	55.5	97	4.6	21
14	20	55.9	98	4.5	33
27	20	56.5	96	4.5	38
41	20	56	97	4.7	45
MT124128					
0	0	56	98	4.8	19
14	0	56.9	97	4.8	30
27	0	56.3	98	5.1	40
41	0	56.5	98	5.1	47
0	20	56.1	98	4.8	19
14	20	57	97	4.9	35
27	20	56.6	98	4.9	40
41	20	56.9	98	4.9	44
Mean (V x F)		55.8	95.6	4.6	35.8
CV%		5	1.6	2.8	14.5
LSD (Variety, V)		0.4	0.6	0.1	2.6
LSD (Fertilizer, F)		0.6	NS	0.1	3.6
P-Value V		0.0001	0.0001	0.0001	0.0002
P-Value F		0.0001	0.47	0.014	0.0001
P-Value V x F		0.61	0.04	0.004	0.42

Bold = top performer(s)

Bold = statistically equivalent to top performer(s)