

2018 Elite Malt Barley Trial

Cooperator: University of Wyoming

Location: Powell, WY

No. of Reps: 3		Harvest Plot Area (sq.ft.):										
Fertilizer: 170-25-0 applies 3/27/18				Seed Date: 3/28/18			Harvest Date: 08/08/2018					
Date/Feekes Growth Stage When Scored					10.1	11						
ENTRY NO.	CULTIVAR/ DESIGNATION	YIELD		TEST WT.		HEADING DATE	HEIGHT		LODGING	PLUMP		THIN
		bu a ⁻¹	Mg ha ⁻¹	lb bu ⁻¹	kg m ⁻³		from 1/1	in.		cm	0-10*	
1	AC Metcalfe	140.2		52.0		166.3	97.8		0.67	0.96	0.01	
2	CDC Copeland	124.9		51.7		169.7	97.8		3.67	0.97	0.01	
3	Conrad	109.2		52.2		166.3	91.4		0.33	0.96	0.01	
4	Gem Craft	121.5		51.2		167.7	91.4		4.67	0.93	0.03	
5	Harrington	126.6		50.8		169.7	95.7		5.00	0.94	0.03	
6	M69	156.8		50.7		171.0	81.7		0.67	0.94	0.03	
7	Merit57	135.2		50.1		169.7	101		0.33	0.93	0.03	
8	Voyager	127.2		51.3		168.0	97.8		2.00	0.97	0.01	
9	2Ab04-X01084-27	143.6		50.8		168.7	92.3		4.67	0.93	0.03	
10	2Ab07-X031098-31	148.4		51.2		169.7	102		1.33	0.96	0.02	
11	2Ab08-X05M010-82	135.3		52.0		169.7	96.5		3.33	0.93	0.02	
12	08ARS012-79	126.1	2 reps	50.4		165.0	97.8		2.00	0.95	0.02	
13	08ARS028-20	76.2		51.9		169.3	91.4		0.33	0.94	0.02	
14	08ARS116-91	133.5	2 reps	51.0		163.3	89.3		1.00	0.93	0.02	
15	10ARS061-2	140.7		51.2		170.7	94.4		1.00	0.97	0.01	
16	10ARS144-1	144.9		51.2		168.0	102		2.00	0.96	0.02	
17	10ARS191-3	146.3		52.3		168.0	103		1.33	0.96	0.01	
18	11ARS162-4	138.9		50.6		166.0	99.9		0.33	0.94	0.02	
19	11ARS162-8	148.3		50.4		169.0	97.4		1.00	0.96	0.02	
20	11ARS183-9	133.1		50.8		168.0	98.6		0.00	0.97	0.01	
21	12ARS061-2	135.0		51.9		170.3	92.3		0.67	0.97	0.01	
22	12ARS057-1	132.7		51.7		169.0	102		0.33	0.96	0.02	
23	13ARS069-6	133.2		52.0		169.3	110		1.00	0.95	0.02	
24	13ARS071-3	79.8		50.7		168.7	104		3.00	0.94	0.02	
25	13ARS072-6	131.6		49.9		169.7	113		1.00	0.98	0.01	
26	13ARS076-5	109.3		51.9		167.3	97.4		2.33	0.96	0.01	
27	13ARS093-3	123.5		51.2		171.0	89.7		2.67	0.93	0.03	
28	13ARS102-5	142.6		50.9		170.3	93.1		0.67	0.91	0.04	
29	13ARS105-4	147.2		50.5		167.7	86.4		2.33	0.94	0.03	
30	13ARS107-4	155.0		51.1		171.0	96.1		0.67	0.95	0.02	
LOCATION MEAN:		136.2		51.2		168.6	96.8		1.7	0.9	0.02	
CHECK'S MEAN:		134.6		51.2		168.5	94.3		2.2	0.9	0.0	
CV %		7.1		1.4		1.2	5.6		68.2	1.4	28.3	
LSD (.05)				1.1		3.3	8.9		1.9	0.0	0.01	