

Table 7. Irrigated spring malting barley variety performance trial at Center¹ in 2001.

Variety	Grain Yield ²	Bushel Weight	Grain Moisture	Heading Date	Plant Height	Plant Lodging	Grain Protein	Grain Screenings ³
	bu/ac	lbs/bu	%	(June)	In.	%	%	%
Ab 688	178	50.2	13.7	16.5	35.7	4	8.6	9.3
Jersey	160	52.2	13.4	26.5	28.5	0	9.3	2.5
Ab 12210	159	53.1	13.6	25.8	29.7	0	9.9	8.9
Farmington	154	52.2	13.8	27.3	30.9	4	9.7	4.0
RWA 1192	153	50.3	13.1	14.5	38.1	41	9.9	7.4
C 53	152	50.3	13.9	26.0	27.3	0	10.1	2.0
Legacy	152	50.8	12.2	18.5	39.6	0	10.0	3.4
Ab 11865	150	52.4	15.2	26.5	30.9	10	9.5	5.8
Colter	149	48.9	13.8	17.0	34.8	9	8.5	8.2
Ab 12905	147	49.3	13.4	13.5	34.2	3	9.0	4.7
C 46	147	51.9	14.2	28.0	27.6	3	9.3	2.0
Ab 5180	147	46.5	15.5	19.3	34.5	15	8.8	5.9
Merit	144	50.6	15.0	25.3	36.9	0	9.5	3.3
Alexis	143	52.1	15.0	26.3	29.7	3	9.8	2.7
C 57	143	49.3	13.3	26.5	29.4	0	9.5	3.2
Comarque	143	52.5	15.0	25.3	31.8	0	9.1	2.9
Ab 8333	141	49.9	13.2	11.5	31.2	0	9.3	9.1
Ab 13449	140	49.6	14.5	14.5	35.1	15	10.7	7.4
C 56	140	53.7	12.3	19.0	23.4	0	10.0	2.1
Ab 859	138	52.5	15.0	23.8	32.7	26	10.1	2.6
Moravian14	136	52.9	12.9	15.8	25.8	0	7.8	4.3
C 37	135	53.1	15.9	24.8	26.1	0	9.8	2.5
Kendall	133	51.7	13.0	24.5	36.6	24	10.7	1.7
Galena	131	51.8	13.5	26.3	28.8	0	9.5	2.5
Garnet	130	52.1	13.3	25.8	34.2	9	9.5	1.6
Ab 1368	127	49.4	13.6	15.3	33.9	19	9.2	4.1
2B96-5057	127	52.1	14.6	25.5	36.0	6	9.5	2.3
C 40	123	49.2	13.2	17.3	29.4	0	10.6	4.7
6B95-2482	116	50.3	13.1	20.0	36.0	21	10.9	4.1
Average	143	51.0	13.7	21.6	32.0	7.2	9.5	4.3
LSD, .10	37	2.2	2.6	3.5	4.0	42.6	2.7	4.3
CV, %	13	3.5	12.5	24	13	252	11	65

¹ Trial conducted at the San Luis Valley Research Center.

² Yield based on 48 lbs/bu and 12% moisture.

³ Grain screenings: percent that falls through 6/64 inch screen.

Site Information:

Soil Type: Norte gravelly sandy loam

Previous Crop: potatoes

Herbicide: Bronate at 1 pt/acre

Fertilizer: Nitrogen; 75 preplant + 66 fertigation

Planted; April 10; Harvest; August 14-15

Irrigation: center pivot.

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Comments: Yields were very good this year; however, there was a shortage of N on a part of the trial which increased the variability of the test. The large LSD = 36 bu/acre limits the usefulness of variety comparisons.