

Barley Variety Demonstration

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Elevation:

Crop History:

Planted: December 30, 1982
Seeding Rate: 150 lbs./acre
Previous Crop: Alfalfa
Harvested: June 9, 1983
Herbicide: An application of Bronate at the labeled rate was made on February 26, 1983.
Insecticide: None
Fertilizer:

Source	Amount/Acre	Time of Application	Lbs. N/Acre	Lbs P ₂ O ₅ /Acre
16-20-0	250	Preplant	40	50
NH ₃		Second Irrigation	80	—
		Total	120	50

Irrigation: Seven irrigations of six inches each were applied during the season.

Plot Size: 800 x 20 ft.

Company	Entry	Yield (lbs/plot) ^{1/}				Average Yield (lbs)	Ht. (in)	Bu Wt (lbs)	Protein %	Harvest Moisture	Yield ^{1/} ^{2/} (lbs/A)
		Rep 1	Rep 2	Rep 3	Rep 4						
Western Plant Breeders	Gusto	2719	2952	2965	2707	2836	23	54	11.4	9.2	7720a
Western Plant Breeders	Gus	2614	2737	2789	2549	2672	26	53	11.5	9.4	7275a b
Western Plant Breeders	Columbia	2845	2708	2598	2459	2653	30	51	11.8	9.3	7221a b
Northrup King	Sunbar Brand Barley 409	2455	2717	2688	2457	2579	31	51	11.1	9.1	7022a b
Northrup King	Sunbar BB82-2 Brand Barley Blend	2532	2521	2563	2409	2506	33	51	---	9.6	6823 b
Western Plant Breeders	Westbred 501	2631	2572	2376	2355	2484	26	53	13.3	9.6	6761 b

^{1/} All yields have been adjusted to a 10% moisture content.

^{2/} Means followed by same letter are not significantly different at the .05 level by Student-Newman-Keuls' Test.