

Barley Variety Demonstration

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Brown Land and Cattle Co. La Palma, Arizona

Elevation: 1500 feet

Crop History:

Planted: January 12, 1982
Harvested: June 25, 1982
Seeding Rate: 175 lbs/acre
Previous Crop: Cotton
Insecticide: None

Weed Control: None

Fertilizer:

Source	Lbs/A	Time of Application	Lbs N/A
UN 32	55	Jan. 14	18
UN 32	55	April 9	18
NH 3	50	May 2	41
		Total	77

Irrigation: Three irrigations of well water were applied to the furrows. Rainfall made an additional contribution to the 20 acre inches/acre the plot was estimated to have received.

Plot Size: 12.67 x 750 feet.

Entry	Yield (lbs/plot) ^{1/}				Ave Yield (lbs)	Ht (in)	Bu Wt (lbs)	Harvest Moisture (%)	Crude ^{2/} Protein (%)	Yield (lbs/A) ^{3/}
	Rep 1	Rep 2	Rep 3	Rep 4						
WPB 501	1110	1030	920	890	990	27	49	6	12.4	4520 a
Gus	1180	970	960	800	980	28	47	6	11.2	4480 a
NK's X1275	960	1060	890	840	940	28	44	6	12.7	4310 a
NK's 409	1030	1020	920	740	930	29	45	6	10.7	4260 a
Poco	920	920	830	890	890	18	45	10	11.9	4080 a

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

^{2/}Analyses by DICKEY-John Corporation, Phoenix AZ.

On an "as is" moisture basis.

^{3/}Yields followed by the same letter are not significantly different at the .05 level by the Student-Newman Keuls' Test.

Barley Variety Demonstration

Steve Farrell, Greenlee County Extension Agent; and David K. Parsons,
Assistant Extension Specialist--Field Testing

Henley Pelto

Duncan, Arizona

Elevation: 3600 feet

Crop History:

Planted: January 18, 1982
Harvested: June 18, 1982
Seeding Rate: 115 lbs/acre
Previous Crop Sorghum

Fertilizer:

Source	Lbs/A	Time of Application	Lbs N/A	Lbs P ₂ O ₅ /A
28-28-0	150	Prior to planting	42	42
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		Total	42	42

Plot Size: 640 x 12 feet

Entry	Yield (lbs/plot) ^{1/}				Ave Yield (lbs)	Ht (in)	Bu Wt (lbs)	Harvest Moisture %	Yield ^{2/} (lbs/A)
	Rep 1	Rep 2	Rep 3	Rep 4					
Gus	1000	720	840	980	890	33	50	9.6	5050 a
NK's 409	880	860	860	910	880	37	47	9.1	4990 a
NK's BB82-2	850	840	850	900	860	36	47	12.6	4880 a
Multum	940	740	890	-	860	44	53	15.3	4880 a
NK's X1275	880	720	840	980	850	35	47	9.1	4820 a
Poco	840	700	790	800	780	19	49	8.1	4420 a

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

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