

**SMALL GRAIN VARIETY YIELD COMPARISONS**

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**Crop Data**  
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Elevation: 1500 Feet  
 Previous Crop: Cotton  
 Plot Size: 560 X 20 Feet  
 Seeding Rate: 185 lbs/Acre  
 Planting Date: January 10, 1985  
 Harvest Date: June 15, 1985  
 Irrigations: 5 For 28 Acre Inches  
 Fertilizer: 167 lbs/Acre Broadcast 11-53-0, December 18, 1984  
 188 lbs/Acre Broadcast Ammonium Nitrate, January 8, 1985  
 215 lbs/Acre Ammonium Nitrate, March 4, 1985  
 160 lbs/Acre Urea, March 27, 1985

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**Table I**  
**Durum Wheats**

Entry	Bu Wt (Lbs)	Protein (%)	Yield <sup>123</sup> (Tons/A)
Northrup King Aldura	62.91 ab	15.9 c	2.10 a
Yavaros	63.37 a	14.5 e	1.94 ab
Gem	62.31 b	14.9 d	1.81 abc
Mexicali	60.65 c	15.6 c	1.56 bc
Northrup King Bodura	62.63 ab	16.6 b	1.43 c
Western Plant Breeders 881	60.34 c	17.0 a	1.37 c

1/ All yields adjusted to 10% moisture  
 2/ Means followed by a different letter are significantly different (P<.05) by student Newman-Kuels test and are calculated from 4 replications.  
 3/ CV = 13.72%.

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**Table 2**  
**Barleys**

Entry	Bu Wt 1,2 (Lbs)	Yield 1,2,3 (Tons/A)
Westbred Gustoe	47.5 a	2.7 a
Westbred Gus	43.2 b	2.2 b
Northrup King 409	46.3 a	2.0 bc
WPB Barcot	41.9 b	1.9 c

1/ Means followed by a different letter are highly significantly different (P < .01) by student Newman-Kuels test, and are calculated from 4 replications.

2/ All yields adjusted to 10% moisture

3/ CV = 6.21%.

**Table 3**  
**Bread Wheats**

Entry	Bu Wt 1,2 (Lbs)	Protein (%)	Yield 1,2,3 (Tons/A)
Northrup King Probrand 775	58.9 a	13.8 d	1.94 a
H & H Oslo	58.6 a	14.4 c	1.88 a
Yecora Rojo	59.7 a	14.9 b	1.74 a
Western Plant Breeders 906R	58.9 a	16.2 a	1.61 a
Northrup King Probred	57.7 a	15.0 b	1.60 a

1/ Means followed by a different letter are highly significantly different (P < .05) by student Newman-Kuels test, and are calculated from 4 replications.

2/ All yields adjusted to 10% moisture

3/ CV = 8.99%.