## RED WHEAT VARIETY DEMONSTRATION

Barry R. Tickes, Yuma County Agriculture Agent Barkley Company - Yuma Valley Yuma, Arizona

CROP HISTORY:
Planted: Dec. 9, 1983
Harvested: June 21, 1984
Seeding Rate: 125 lbs/A
Previous Crop: Cotton
Soil Type: Sandy Loam
Herbicide: 2 pts. Buctril
Insecticide: None
Irrigation: Total 24 in . of Colorado River water applied in 6 irrigations. Plot Size: 560 ft . x 13 ft .
Fertilizer: $286 \mathrm{lbs} / \mathrm{A}$ of N

| Entry | Yield ( $1 \mathrm{bs} / \mathrm{plot}$ ) |  |  |  |  | $\binom{\text { Ht }}{(\mathrm{in}}$ | $\begin{aligned} & \mathrm{Bu} \mathrm{Wt} \\ & (1 \mathrm{bs}) \end{aligned}$ | $\begin{gathered} \text { Lodging } \\ \% \end{gathered}$ | $\underset{2}{\text { Protein }}$ | $\begin{gathered} 1{ }^{1} 2 \\ \text { (Lbs/Acre) } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Repl | Rep ${ }^{2}$ | Rep3 | Rep4 |  |  |  |  |  |  |
| Yecora Rojo | 1175 | 1310 | 1260 | 1400 | 1337 | 32 | 62.0 | 72 | 13.2 | 8005 a |
| Oslo | 1200 | 1170 | 1295 | 1300 | 1290 | 34 | 62.0 | 57 | 12.6 | 7724 a |
| WPB 911 | 1159 | 1220 | 1230 | 1265 | 1241 | 34 | 61.0 | 33 | 12.2 | 7431 a |
| Glennson | 995 | 1120 | 990 | 1170 | 1110 | 43 | 61.0 | 51 | 13.2 | 6646 b |
| NK 771 | 1132 | 980 | 1100 | 1055 | 1083 | 33 | 58.0 | 33 | 12.2 | 6485 b |
| Probred | 825 | 865 | 890 | 965 | 921 | 36 | 62.0 | 90 | 13.2 | 5514 c |

1
All yields corrected to $10 \%$ moisture.
2
Means followed by the same letter are not significantly different at the $5 \%$ level, by Duncan's Multiple Range Test.

