

Stoller

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Irrigation Research Foundation -- Yuma, CO

IRRIGATED WHEAT

Planting Date: 09/23/08
Planting Population: 120k
Harvest Date: 07/17/09
Treatment Date: 04/22/09

32-0-0 @ 28.3gal/acre 4/3/09

**Stream Bar nozzle
application**

DRYLAND WHEAT

Planting Date: 9/22/08
Planting Population: 60k
Harvest Date: 7/15/09
Treatment Date: 4/22/09

32-0-0 @ 18.4gal/acre 4/3/09

Herbicide Application Date 4/22/09

6 oz./acre
 1 qt. @ 100 gal./ acre
 2 qt. @ 100 gal./acre
 9 oz./acre irrigated

Beyond
 NIS
 Liquid AMS
 Barrage

6 oz./acre
 1 qt. @ 100 gal./ acre
 2 qt. @ 100 gal./acre
 6 oz./acre dryland

Treatment	Moisture/Test Weight	Yield
IRRIGATED		
#1 Power + @ 1/2 gal./acre injected into soil	8.7% / 50	59.02
#2 Power + 3 @ 1/2 gal./acre injected into soil	9.3% / 54	59.00
#3 BioForge @ 1pt. w/N Large Premier @ 1/2 pt./acre	9% / 55	70.37
Control	8.9% / 54	55.44
DRYLAND		
#1 Foliar in spring w/Nitro+Cerial@ 10 gal/acre	9.4% / 56	50.22
#2 Flag Leaf w/fungicide, Foliar Bioforge @ 1 pt./acre + 1 pt/ Sto-U/acre	9.6% / 57	48.00
#3 BioForge @ 1 pt. @ milk stage foliar & N-Large Premier @ 1/2 pt./acre	8.8% / 55	48.40
Control	9.8% / 56	48.80

PLOT SUBJECT TO COOL TEMPERATURES, HEAVY PRECIPITATION & EXTREME HAIL

Weather, daytime temperatures and other factors affect data results, as in any year.

The Irrigation Research Foundation strives to record and control these factors where possible.

Not all of these factors are measurable or recognized.