Amway

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Irrigation Research Foundation -- Yuma, CO

Plot size: 4 rows
Planted: 6/1/12
Planting Population: Oils -- 22,000 per acre
Harvest: 10/11/12

Application dates

Strip-Till: Actual=48.3-31.8-0 applied @ 4"- 10gal and 10"- 13gal 3/31/12

Analysis=19-13-0

Starter: 15-20-0-2.0s-.027zn @ 9 gal./acre 6/1/12

Through System: 32-0-0 at 10 gal./acre 7/24 8/1/12 at 7 gal./acre 8/7/12

Applied Water

7.68"

Herbicide Treatments

Spartan II @ 5 oz./acre 6/2/2012 Round-up @ 32 oz./acre AMS @ 17lbs./ 100 gal. of water NIS @ 1qt./ 100 gal. of water

<u>InsecticideTreatments</u>

Lorsban 4E @ 1pt./acre 7/26 8/1/12

Test Wgt. Infield no screen *
5 - 10 % lodging was detected
10 - 15% lodging was detected

15 - 20% lodging was detected ***

Application dates	VARIETY	Yields/ pounds per acre	% Oil (adjusted to 10%)	Test Weight	Moisture %
	<u>Oils</u>				
6/2/2012	15 oz. of APSA-80 per acre	2317.39	40.09	29.0	9.2%
	Control	1873.08	37.91	29.0	9.2%

PLOT SUBJECT TO EXTREME DRY CONDITIONS AND HIGH WINDS

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.