

Conklin Fertilizer

www.conklin.com

Irrigation Research Foundation -- Yuma, CO

Plot size: 4 rows Variety: Hillshog # 9024

Planting date: 4/29/11

Planting Population: 49,000

Harvest date: 10/7/11

Applied Water - 10.7"

Fertilizer

Application Dates

Humalfa @ 5 ton/acre		3/16/11
Starter Fertilizer: 10-34-0 @ 12.5 gal./acre		4/29/11
Strip-Till: 21-36-0 (Actual) = 8gal @ 4 " & 13 gal @ 10"		4/2/11
Through Sprinkler: 32-0-0	10 gal./acre	6/9/11
	7 gal./acre	6/24/11
	7 gal./acre	6/29/11

Herbicide Treatments

Touchdown @ 24oz./ acre	5/5/11
Touchdown @ 24oz./acre w/ Quadris @ 6 oz. AMS @ 17#'s /100 gal. water NIS@1qt./100 gal water	6/3/11
Sequence @ 2.5pts/acre AMS @ 17#'s/100gal. water Fuselade DX @ 24 oz/acre NIS@1qt./100 gal. water	6/16/11
Inspire XT @ 7 oz./acre Touchdown + Fusalade DX @ 24 oz./acre NIS@1qt./100 gal. water	7/8/11

Soil Detoxifier

Reclaim @ 1qt/acre	4/13/11
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Treatments

#1 1 gal. feast 9-18-9 + 8 oz of xcyto foliar @ three leaf stg Repeat 14 days later and 28 days later	6/10/11
#2 Seed Treatment of 4 oz. Amplify per 50 lbs of seed	4/29/11
#3 Seed Treatment of 4 oz. Amplify per 50 lbs of seed	4/29/11
#4 Seed Treatment of 4 oz. Amplify per 50 lbs of seed	4/29/11

Harvest Results

Treatment	Average Pop	Average Pop	Average Pop	% of Emergence			Tons per Acre	Sugar %	Pounds of Sugar per acre
				1st	2nd	3rd			
#1 49K	19166	40075	41818	39.12%	81.79%	85.34%	33.87	15.62%	10581
Conklin #2 40K	17424	33106	38333	35.56%	80.75%	93.49%	34.66	14.86%	10301
Conklin #3 44K	28750	40075	39204	58.67%	89.06%	87.12%	33.36	14.74%	9835
Conklin #4 49K	34848	40946	41818	71.12%	83.56%	85.34%	33.21	16.92%	11238
control	21780	32234	34848	44.45%	65.78%	71.12%	34.59	15.74%	10889

PLOT SUBJECT TO COOL TEMPERATURES

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.

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Sugar loss to molasses
1.597
1.5287
1.6338
1.2212
1.7482