

West Central, Inc.

www.westcentralinc.com

Irrigation Research Foundation -- Yuma, CO

Variety: Hilleshog: 9173RR Cruiser Max/ Tach 20

Planting date: 4/23/12

Planting Population: 45,000

Harvest date: 10/5/12

Fertilizer

Starter Fertilizer: 10-34-0 @ 12.5 gal./acre

Strip-till: Analysis = 19-13-0 Actual=48.3-31.8-0 applied @ 4"- 10gal and 10"- 13gal

Through Sprinkler: 32-0-0

4 gal.

7 gal.

10 gal.

Soil Detoxifier: Reclaim @ 1qt./acre

Application Dates

4/23/12

3/28/12

5/23 5/29/12

7/5/12

5/18 6/12/12

4/13/12

Applied Water

14.5"

Herbicide Treatments

Roundup @ 32oz. Assure II @ 9 oz. AMS @17 lbs per 100 gal. of water NIS @1qt./100 gal.of water

5/7 6/4/12

Roundup @ 32oz. Select @ 8oz. AMS @17 lbs per 100 gal. of water NIS @1qt./100 gal.of water

6/28 7/11/12

Fungicide/Insecticide

Quadris @ 15 oz./acre

6/19/12

Lanate @ 1pt./acre

7/20/12

Coragen @ 5 oz./acre

8/4 8/12/12

#1 1 lb. **Soygreen** + 4gal. **Pro-Germinator** mixed with 1 gal water applied in-furrow @ 5gal/ac. NO 2X2

4/23/12

#2 3 gal. **Redline** mixed with 2 gal water applied in-furrow @ 5gal/ac NO 2X2

4/23/12

#3 1 lb. **Soygreen** mixed with 5gal water applied in-furrow @ 5gal/ac + 12.5 gal 10-34-0 applied 2X2

4/23/12

#4 3 gal. **Redline** mixed with 2 gal water applied in-furrow @ 5gal/ac + 12.5 gal/ac 10-34-0 applied 2X2

4/23/12

#5 3 gal. **Redline** + 2qrt. **EBMix** mixed with 1.5gal water applied in-furrow @ 5gal/ac + 12.5 gal 10-34-0 applied

4/23/12

#6 3 gal. **Redline** mixed with 10-34-0 applied 2X2 @ 12.5 gal/ac

4/23/12

#7 1 lb. **Soygreen** mixed with 3 gal. water + 9.5 gal 10-34-0 applied 2X2 of total 12.5 gal/ac

4/23/12

Harvest Results

Treatment	Average Pop	Average Pop	Average Pop	% of Emergence			Tons per Acre	Sugar %	Pounds of Sugar per acre	Sugar loss to molasses
				1st count 5/7	2nd count 5/14	3rd count 5/21				
Date Counted										
#1	38333	42689	37462	78.23%	87.12%	76.45%	31.20	17.50%	10772	1.36
#2	33977	37462	33106	69.34%	76.45%	67.56%	32.60	17.16%	11042	1.30
#3	30492	34848	30492	62.23%	71.12%	62.23%	33.00	17.87%	11635	1.35
Control	33106	33977	30492	67.56%	69.34%	62.23%	32.02	16.43%	10422	1.34
#4	30492	33106	30492	62.23%	67.56%	62.23%	33.30	16.30%	10691	1.52
#5	32234	33106	33977	65.78%	67.56%	69.34%	32.30	17.59%	11217	1.29
#6	27007	28750	28750	55.12%	58.67%	58.67%	33.00	16.46%	10688	1.62
#7	28750	32234	39204	58.67%	65.78%	80.01%	33.50	17.84%	11787	1.39

PLOT SUBJECT TO DROUGHT CONDITIONS AND HEAVY SPRING 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.