

BASF - Sugar Beets 2014

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Irrigation Research Foundation -- Yuma, CO

Planted Date: 4/24/2014

Harvested: 9/25/2014

Circle C: South West Quarter

Variety: 9173

Population: 47K

Soil Detoxifier: Reclaim @ 32 oz./ac.

Strip-Till: (Analysis) 23-0-3-5.7s 10 gal. @ 4" & 13 gal. @ 10"

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

Through Sprinkler: 32-0-0 @ 5 gal./ac.

Application Dates

4/5/2014

3/25/2014

4/24/2014

1st - 7/1/2014

2nd - 7/8/2014

3rd - 7/18/2014

4th - 7/24/2014

Applied Water: 8 inches

Rainfall: 16 inches

Fungicide Treatments

Inspire @ 7 oz./ac.

Applied 7/29/2014 and 9/2/2014

Quadris @ 10.5 oz./ac.

Applied 5/20/2014

Herbicide Treatments

Fusilade @ 6 oz./ac. + 10-34-0 @ 2 pts./ac. + NIS @ 1 qt./100 gal.

Applied 5/6/2014

Touchdown Total @ 32 oz./ac. + AMS @ 8.5 lbs./100 gal. + NIS @ 1 qt./100 gal.

Applied 5/20/2014

Sequence @ 2.5 pts./ac. + Fusilade @ 6 oz./ac. + 10-34-0 @ 2 pts./ac. + NIS @ 1 qt./100 gal.

Applied 6/2/2014

HARVEST RESULTS

Protocols - Applications	Ton per Acre	Sugar %	Pounds of Sugar per Acre	SLM
Priaxor applied at 6 oz./ac. Applied August 1st.	29.26	14.37%	8267	1.6904%
Priaxor applied at 8 oz./ac. Applied August 1st.	30.12	14.06%	8316	1.8257%
Priaxor applied at 6 oz./ac. Applied September 3rd.	30.57	14.50%	8717	1.6680%
Priaxor applied at 8 oz./ac. Applied September 3rd.	30.43	14.35%	8593	1.6154%
CONTROL	28.92	13.99%	7952	1.7206%