



NACHURS

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2015 Sugar Beets

40161 Highway 59 Yuma, CO 80759

Circle A: NE 1/4
 Variety: 9173RR CMX
 Population: 49K

Planting Date: 4/22/2015
 Harvest date: 9/25/2015

Soil Detoxifier: OVERHAUL @ 2 gal./ac.
 Strip-till: (Actual) 40-20-3-5.7 s applied at 10 gal./ac. @ 4 in' and 13 gal./ac. at 10 in"
 2x2 Starter Fertilizer: (Actual) 10 - 34 - 0 @ 12.5 gal./ac.
 Through Sprinkler: 28-0-0-5 @ 8 gal./ac.
 28-0-0-5 @ 8 gal./ac.
 28-0-0-5 @ 5 gal./ac.
 28-0-0-5 @ 5 gal./ac.
 28-0-0-5 @ 4 gal./ac.

Application Dates
 3/23/2015
 3/26/2015
 4/22/2015
 6/11/2015
 6/16/2015
 7/5/2015
 8/4/2015
 8/12/2015

Applied Water: 9.15 inches
 Rainfall: 15.37 inches
 Treatment Standards:

SEQUENCE @ 2.5 pt./ac. + TOUCHDOWN TOTAL @ 32 oz./ac. + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal. 6/4/2015
 QUADRIIS @ 15.5 oz./ac. 6/9/2015
 FUSILADE DX @ 6 oz./ac. + TOUCHDOWN TOTAL @ 32 oz./ac. + 10-34-0 @ 2 pt./ac. + NIS @ 1 qt./100 gal. 6/24/2015
 FUSILADE DX @ 6 oz./ac. + 10-34-0 @ 2 pt./ac. 7/16/2015
 INSPIRE @ 7 oz./ac. 7/30/2015

PROTOCOLS APPLICATIONS	STAND COUNTS						HARVEST RESULTS			
	Average Population			Percentage of Emergence			Tons / Acre	Sugar %	Pounds of Sugar/Acre	SLM
	5/4/2015	5/11/2015	5/18/2015	5/4/2015	5/11/2015	5/18/2015				
*RHYZO-LINK 3-10-13-1-.1Zn @ 3 gal./ac. + NACHURS MICROBOLT 9% Zn @ 1 pt./ac + NACHURS MICROBOLT 3% Ca @ 1 pt./ac. APPLIED IN-FURROW * WATER @ 12 gal./ac. APPLIED 2x2 instead of fertility	37462	41818	47045	76%	85%	96%	25.80	15.42%	7799	1.99%
*NACHURS EXP7K @ 2 gal./ac. + RHYZO-LINK 3-10-13-1-.1Zn @ 1 gal./ac. + NACHURS MICROBOLT 9% Zn @ 1.5 pt./ac. + NACHURS MICROBOLT 3% Ca @ 1 pt./ac. APPLIED IN-FURROW *RHYZO-LINK 0-0-15-5S @ 1 gal./ac. + WATER @ 11 gal./ac. APPLIED 2X2 *FOLIAR: AQ 2-0-20-8S-.1Ca-.2B-.4Zn @ 1.5 gal./ac. in 10 gal. of water APPLIED 6/19/2015	28750	39204	37462	59%	80%	76%	24.70	15.64%	7590	1.76%
CONTROL	25265	38333	40075	52%	78%	82%	22.92	15.42%	6940	1.81%

Plants subjected to heavy rainfall and near-freezing temperatures in the early months after emergence.

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.