

2015 SUGAR BEETS

| | | |
|--------------------------------|---|---------------------------------|
| Field: | Circle A - NE 1/4 | Planting Date: 4/22/2015 |
| Variety: | 9173RR CMX | Harvest date: 9/25/2015 |
| Population: | 49K | Application Dates |
| Soil Detoxifier: | OVERHAUL @ 2 qts./ac. | 3/23/2015 |
| Strip-Till: | (Actual) 40 - 20 - 3 - 5.7 s applied at 10 gal./ac. @ 4' and 13 gal./ac. at 10" | 3/26/2015 |
| 2x2 Starter Fertilizer: | (Actual) 10 - 34 - 0 @ 12.5 gal./ac. | 4/22/2015 |
| Through Sprinkler: | 28-0-0-5 @ 8 gal./ac. | 6/11/2015 |
| | 28-0-0-5 @ 8 gal./ac. | 6/16/2015 |
| | 28-0-0-5 @ 5 gal./ac. | 7/5/2015 |
| | 28-0-0-5 @ 5 gal./ac. | 8/4/2015 |
| | 28-0-0-5 @ 4 gal./ac. | 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 |
| | QUADRIS @ 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 | | | | |
| SEED TREAT PLAIN TALC @ 1 cup/3 bu. of seed | 37462 | 42689 | 41818 | 76% | 87% | 85% | 27.21 | 14.58% | 7773 | 2.03% |
| SEED TREAT MICRO TALC @ 1 cup/3 bu. of seed | 39204 | 43560 | 55757 | 80% | 89% | 114% | 28.14 | 15.59% | 8607 | 1.88% |
| SEED TREAT MICRO + MICROBE TALC @ 1 cup/3 bu. of seed | 36590 | 46174 | 38333 | 75% | 94% | 78% | 28.40 | 15.32% | 8535 | 1.93% |
| CONTROL | 31239 | 36715 | 36964 | 64% | 75% | 75% | 25.73 | 15.17% | 7651 | 1.93% |

Plants subjected to heavy rainfall and near freezing temperatures in the early months after emergence, and hail late in the season.

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.

[For weather information please go to www.coagmet.com](http://www.coagmet.com), monthly summaries, select the month, year and the Yuma station.