

2016 IRRIGATED GRAIN SORGHUM TRIALS

GRAHAM ELECTRIC PLANTING DATE: 6/1/2016

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|---|---|---|
| FIELD: | A - NE 1/4 | HARVEST DATE: 10/03/2016 |
| VARIETY: | DKS 28 - 05 | |
| POPULATION: | 140K | |
| AVERAGE TEST WEIGHT: | 59.7 | APPLICATION DATE |
| 2x2 STARTER FERTILIZER: | (Analysis) 15.7 - 8.9 - 2.6 s - .047 Zn @ 12.5 gal./ac. | 6/1/2016 |
| <u>THROUGH REINKE SPRINKLER:</u> | 28-0-0-5 @ 5 gal./ac. | 6/30/2016 |
| | 28-0-0-5 @ 10 gal./ac. | 7/5/2016 |
| | QUILT XCEL @ 10.5 oz./ac. | 7/21/2016 |
| | 28-0-0-5 @ 6 gal./ac. | 7/22/2016 |
| APPLIED WATER: | 7.7 inches | |
| <u>RAINFALL:</u> | 9.24 inches | (June - 4.2 inches, July - 3.22 inches, August - 1.38 inches) |
| GROUND SPRAY APPLICATIONS: | ROUNDUP WEATHERMAX @ 32 oz. / ac. + AMS @ 1 qt. / 100 gal. + NIS @ 1 qt. / 100 gal. | 5/23/2016 |
| | DEGREE XTRA @ 2.9 qt. / ac. + ROUNDUP WEATHERMAX @ 32 oz. / ac. + AMS @ 1 qt. / 100 gal. + NIS @ 1 qt. / 100 gal. | 6/5/2016 |

| PLANTING PROTOCOL | MOISTURE | AVERAGE BUSHEL PER ACRE |
|---|-----------------|--------------------------------|
| <u>APSA-80 @ 15 oz./ac.</u> Applied 5/30/2016 | 13.7 | 165.3 |
| <u>APSA-80 @ 15 oz./ac.</u> Applied 5/30/2016 <u>NUTRIPLANT SD</u> Applied to seed | 15.5 | 166.1 |
| CONTROL | 15.1 | 160.4 |

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.