



**Irrigation
Research
Foundation**

40161 Highway 59 Yuma, CO 80759

www.irf-info.com



Grower's Source

2018

www.growerssource.com

IRRIGATED GRAIN SORGHUM TRIALS

FARMREIGN PRECISION PLANTER PLANTING DATE: 5/23/2018

FIELD: B NE 1/4 **HARVEST DATE:** 10/18/2018

VARIETY: DKC 28-05

POPULATION: 140K

PREVIOUS CROP: Soybeans

DMI STRIP-TILL: (Analysis) 4 - 8 - 1 - 4.6s applied
at 10 gal./A @ 4" and 13 gal./A @ 10"

APPLICATION DATE

3/29/2018

2x2 STARTER FERTILIZER: (Analysis) 16 - 9 - 3 - 2.6s - .1zn
applied at 18 gal./A

5/23/2018

THROUGH REINKE SPRINKLER: 28 - 0 - 0 - 5 @ 5 gal./A

6/15/2018

28 - 0 - 0 - 5 @ 5 gal./A

6/28/2018

28 - 0 - 0 - 5 @ 5 gal./A

7/2/2018

28 - 0 - 0 - 5 @ 4 gal./A

7/24/2018

APPLIED WATER: 9 inches

RAINFALL: 10.57 inches

RAINFALL by MONTH: May - .58", June - 5.91", July - .63", August - 1.89", September - .47", October - 1.09"

GROUND SPRAY APPLICATIONS: **DEGREE XTRA @ 2.5 qt./A +**
ROUNDUP POWERMAX @ 32 oz./A +
AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal. 5/24/2018

HUSKIE @ 12 oz./A +

NIS @ 1 qt./100 gal. + AMS @ 1 qt./100 gal. 6/21/2018

AGRI STAR 2,4-D LV6 @ 8 oz./A 7/11/2018

SPECIAL SEASONAL NOTES: **HAIL EVENT:** June 6th - baseball sized hail with 3.19" of rainfall and 60 mph wind gusts resulting in significant crop injury, and loss of plant stand.

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.

PROTOCOL	MOISTURE	BUSHELS PER ACRE
OVERHAUL @ 32 oz./ac. APPLIED 3/29 & 5/24/2018	13.1	155.8
OVERHAUL @ 32 oz./ac. APPLIED 3/29, 5/24 & 7/13/2018	12.3	160.4
CONTROL	15.5	149.1