



ROYAL-GROW

40161 Highway 59 Yuma, CO 80759
www.irf-info.com

2018 royal-grow.com
IRRIGATED SOYBEANS

FARMREIGN PRECISION PLANTER PLANTING DATE: 5/16/2018

HARVEST DATE: 10/19/2018

FIELD: A SW 1/4

VARIETY: GH2981X GCX PB

POPULATION: 180K

PREVIOUS CROP: Corn

DETOXIFIER: OVERHAUL @ 1 qt./ac. **APPLICATION DATE** 3/29/2018

DMI STRIP-TILL: (Analysis) 4 - 8 - 1 - 4.6s applied at 10 gal./A @ 4" and 13 gal./A @ 10" 3/30/2018

2x2 STARTER FERTILIZER: (Analysis) 16 - 9 - 3 - 2.6s - .1zn applied at 12.5 gal./A 5/16/2018

INOCULANT: MICROSURGE DRY 5/16/2018

THROUGH REINKE SPRINKLER: 28 - 0 - 0 - 5 @ 5 gal./A 6/13/2018
 28 - 0 - 0 - 5 @ 5 gal./A 6/28/2018
 28 - 0 - 0 - 5 @ 5 gal./A 7/2/2018
 28 - 0 - 0 - 5 @ 7.5 gal./A 7/11/2018

RAINFALL: 11.92 inches **APPLIED WATER:** 11.75 inches

RAINFALL BY MONTH: May - 1.93", June - 5.91", July - .63", August - 1.89", September - .47", October - 1.09"

GROUND SPRAY APPLICATIONS: **BROADAXE @ 32 oz./A** 5/18/2018
SEQUENCE @ 2.5 qt./A + ROUNDUP POWERMAX @ 32 oz./A + CLEANSE 2 EC @ 8 oz./A + COC @ 1 qt./100 gal. + AMS @ 1 qt./100 gal. 6/21/2018
ROUNDUP POWERMAX @ 32 oz./A + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal. 7/26/2018

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	BUSHEL PER ACRE
STANDARD IRF 2 x 2 AT PLANTING ROYAL-GROW FOLIAR APPLICATION: ULTRA SWEET @ 16 oz./ac. APPLIED 7/13/2018	8.7	73.1
STANDARD IRF 2 x 2 AT PLANTING ROYAL-GROW FOLIAR APPLICATION: TRANSCEND @ 48 oz./ac. APPLIED 7/13/2018	9.1	78.7
STANDARD IRF 2 x 2 AT PLANTING ROYAL-GROW FOLIAR APPLICATION: ENZYME MAX @ 16 oz./ac. + ULTRA SWEET @ 16 oz./ac. + APPLIED 7/13/2018	10.7	78.9
CONTROL STANDARD IRF 2 x 2 AT PLANTING	9.3	71.0