



Technology Growers Trust

2019 IRRIGATED SOYBEAN TRIALS

www.cytosyme.com

FARMREIGN PRECISION PLANTER PLANTING DATE: 5/17/2019

HARVEST DATE: 9/25/2019

FIELD:	B NE 1/4	APPLICATION DATE	
VARIETY:	GH 2788X		
POPULATION:	180K		
PREVIOUS CROP:	Grain Sorghum		
DETOXIFIER:	OVERHAUL @ 1 qt./ac.		4/2/2019
DMI STRIP-TILL:	(Analysis) 4 - 8 - 1 - S = 4.6 applied at 10 gal./A. @ 4" & 13 gal./A. @ 10"		4/6/2019
2x2 STARTER FERTILIZER:	(Analysis) 18.07 - 10.33 - 1.55 - 1.54s - .05zn applied at 12.5 gal./A.		5/17/2019
INOCULANT:	MICROSURGE DRY		5/17/2019
THROUGH REINKE SPRINKLER:	28 - 0 - 0 - 5 @ 4 gal./A.		6/15/2019
	28 - 0 - 0 - 5 @ 6 gal./A.		7/3/2019
	28 - 0 - 0 - 5 @ 10 gal./A.		7/19/2019
	28 - 0 - 0 - 5 @ 10 gal./A.		7/28/2019
APPLIED WATER:	9.0 inches		
RAINFALL by MONTH:	May - 2.21", June - 1.75", July - 1.49", August - 5.22", September - .35"	TOTAL:	11.02 inches
GROUND SPRAY APPLICATIONS:	BOUNDARY @ 1.5 pt./A. + ROUNDUP POWERMAX @ 32 oz./A. + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal.		5/18/2019
	SEQUENCE @ 2 pts./A. + ROUNDUP POWERMAX @ 32 oz./A. + CLEANSE SC @ 6 oz./A. + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal.		6/20/2019
	SEQUENCE @ 2 pts./A. + ROUNDUP POWERMAX @ 32 oz./A. + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal.		7/8/2019
	ROUNDUP POWERMAX @ 32 oz./A. + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal.		7/16/2019
	ROUNDUP POWERMAX @ 32 oz./A. + QUILT XCEL @ 10 oz./A. + AMS @ 1 qt./100 gal. + NIS @ 1 qt./100 gal.		7/24/2019

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, monthly summaries, select the month, year and the Yuma station.

PROTOCOL	MOISTURE	BUSHEL PER ACRE
STANDARD IRF 2 x 2 + NUTRIPLANT SD @ 4 oz. applied to seeds	10.0	81.0
NO STARTER NUTRIPLANT SD @ 4 oz. applied to seeds	8.1	75.2
STANDARD IRF 2 x 2 + NUTRIPLANT AG @ 16 oz./A. APPLIED 6/21/2019 & 7/22/2019	9.1	81.6
NO STARTER NUTRIPLANT AG @ 16 oz./A. APPLIED 6/21/2019 & 7/22/2019	8.5	80.4
STANDARD IRF 2 x 2 + NUTRIPLANT SEED+ @ 4 oz. applied to seeds NUTRIPLANT AG @ 16 oz./A. APPLIED 6/21/2019 & 7/22/2019	8.8	82.8
NO STARTER NUTRIPLANT SEED+ @ 4 oz. applied to seeds NUTRIPLANT AG @ 16 oz./A. APPLIED 6/21/2019 & 7/22/2019	7.6	82.3
CONTROL STANDARD IRF 2 x 2	11.5	77.7
CONTROL NO STARTER	10.5	73.7