

# Agri-Gro Marketing, Inc.

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## Irrigation Research Foundation -- Yuma, CO

Circle B

Planting Date: 5/4/12  
Harvest Date: 10/30/12

Population: 33,500  
Variety: Dekalb 55-56

**Application Dates**

Strip-Till: 19-13-0 (Analysis) Applied 10gal @ 4" + 13gal @ 10" 48.3-31.8-0 (Actual)		3/31/12
Starter: 15-20-0-2s-.027Zn@18gal./acre		5/4/12
Through sprinkler: 32-0-0	7 gal./acre	5/29 6/5/12
	10 gal./acre	6/14 6/26 7/5/12

**Applied water**

18.1"

**Herbicide Treatments**

Degree Xtra @ 2.9 qt./acre Round-up @ 32oz./acre AMS @ 17lbs./100 gal water NIS @ 1qt./ 100 gal./water	4/18/12
Round-up @ 32oz./acre Status @ 5oz./acre AMS @ 17lbs./ 100 gal water NIS @ 1qt./100 gal. water	6/17/12

**Insecticide Treatments**

Oberon @ 5oz./acre 07/19/12

Application dates	TREATMENT:	Moisture/ Test Wgt.	YIELD (bu./acre)
5/4/12 6/29/12	16oz. of <b>Ignite S2</b> in-furrow mixed with water @ 6gal/ac + standard 2X2 32 oz. of <b>Foliar Blend</b> when plant is 36" tall	17.6/57	226.64
5/4/12	32oz. <b>Ignite S2</b> in-furrow mixed w/water @ 6gal/ac + 2X2 fertilizer	18.4/57	215.74
6/8/12 6/29/12	16 oz. of <b>Foliar Blend</b> @ 3-5 leaf stage 16 oz. of <b>Foliar Blend</b> when plant is 36" tall	18.5/57	222.64
	Control	18.2/57	205.42

**Plants subjected to drought conditions and extreme high winds on 10/19**

*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.*