

LignoTech

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Irrigation Research Foundation -- Yuma, CO

Planting Date: 5/22/13

Harvest Date: 10/8/13

Population: 220k

Variety: Syngenta S28-K1

Strip Till : 19-13-0 = 10gal. @ 4" & 13 gal. @ 10"

Starter: 21.8-11-1.8-1.2s-.1Zn @ 12.5 gal.

Fertilizer 32-0-0 10 gal./acre

6 gal./acre

Application Dates

4/30/13

5/22/13

6/12/13

7/2/13

Total applied water

15.75"

Herbicide treatments

Boundry @ 1.2pts./acre Touchdown Total @ 24 oz./acre AMS @ 17 lbs/ 100 gal water NIS @ 1qt.per 100 gal./water 5/25/13

Fusilade @ 8oz./acre Touchdown Total @ 24 oz./acre AMS @ 17 lbs./per 100 gal of water NIS @ 1qt. Per 100 gal. of water 6/10
7/23/13

Insecticide treatments

Endigo @ 5oz./acre Quilt @ 10.5 oz./acre 6/26/13

Endigo @ 5oz./acre 7/5/13

Aerial application of Orthene97 @ 16oz./acre 7/14/13

Application dates	TREATMENT:	Moisture/ Test Wgt.	YIELD (bu./acre)
5/22/13	4gal LS 924 + 1pint KS Micro-mix + 1Qt. BorreGro HA-1 applied in-furrow	8.7/62	44.33
5/22/13	4gal LS 924 + 1pint KS Micro-mix + 1Pt. BorreGro FA-20 applied in-furrow	8.7/61	47.10
5/22/13 6/10/13	4gal LS 924 + 1pint KS Micro-mix applied In-furrow + XRN(2 GPA) + 1qrt. BorreGro HA-1 applied Foliar @ V-6 stage.	9.0/60	41.42
5/22/13	4 gal. LS 924 In-furrow - Control	8.6/60	40.22

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.