

Cytozyme, Inc.

www.cytozyme.com

Irrigation Research Foundation -- Yuma, CO

Circle C -
Variety: DeKalb 52-04
Population: 34k

Planted Date: 5/13/13
Harvested: 11/2/13

Strip-Till: 19-13-0 = 10 gal. @ 4" 13 gal. @ 10"
Starter: 21.8-11-1.8-1.2s-.1zn @ 18gal./acre
Through Sprinkler: 32-0-0 @ 4 gal./acre
at 6 gal./acre

Application Dates

4/5/13
5/13/13
6/12 6/20/13
7/1 7/4 7/14 7/19 7/30/13

Applied Water

16.59"

Herbicide Treatments

Degree Extra @ 3qt./acre Round-up weather max @ 32oz./acre Class Act @ .60qt./acre 4/30/13
Status @ 5oz./acre Round-up weather max @ 32 oz./acre NIS @ 1qt./ 100 gal.water AMS @ 6/29/13
17lbs./ 100 gal. water

Application dates	TREATMENT:	Moisture/ Test Wgt.	YIELD (bu./acre)
5/13/2013 7/1/13	8 fl oz Nutriplant SL in 4 gal water, applied in-furrow at planting, no starter followed by Nutriplant AG at 16 fl/acre at 6-8 leaf stage	13.7/60	201.84
5/13/2013 7/1/13	8 fl oz Nutriplant SL in 4 gal water, applied in-furrow at planting, with starter 2x2 followed by Nutriplant AG at 16 fl/acre at 6-8 leaf stage	13.5/61	212.34
5/13/2013 7/1/13	8 fl oz Nutriplant SL in 4 gal water, applied in-furrow at planting, with starter 2x2 followed by Nutriplant AG at 16 fl/acre with glyphosate at 6-8 leaf stage	13.6/60	209.68
5/13/2013 7/1/13	8 fl oz Nutriplant SL in 4 gal water, applied in-furrow at planting, with starter 2x2 followed by Nutriplant AG at 16 fl/acre + Nutri ZnMn @ 8oz/ac at 6-8 leaf stage	13.2/60	212.79
5/13/13	Control WITH STARTER	14.7/60	209.62
5/13/2013	Control NO STARTER	13.5/60	187.88

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.