

BioLynceus, llc.

www.biolynceus.com

Irrigation Research Foundation -- Yuma, CO

Circle A
 Plot Size:
 Population: 34,000
 Variety: LG2552VT3

Planting Date: 5/9/12
 Harvest Date: 11/1/12

Application Dates

<u>Strip-Till:</u>	19-13-0 (Analysis) Applied 10gal @ 4" + 13gal @ 10" 48.3-31.8-0 (Actual)	4/1/12
<u>Starter:</u>	15-20-0-2s-.027Zn@18gal./acre	5/9/12
<u>Through Sprinkler:</u>	32-0-0 7 gallons/acre	5/29/12
	10 gallons/acre	6/3-6/11-6/16
	20 gallons/acre	7/4/12

Applied water

16.76"

Herbicide Treatments

Degree Xtra @ 2.9 qt./acre - Round-up @ 32oz./acre AMS @ 17lbs./ 100 gal. water NIS @ 1qt./ 100 gal. water	04/18/12
Status @ 5oz./ acre - Round-up @ 32 oz./acre AMS @17lbs./100 gal. water NIS @ 1qt./100 gal. water	10/12/12

Insecticide Treatments

Oberon @ 5 oz./acre	07/20/12
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Application Dates	Protocols	Moisture/ Test Wgt	Yield
5/9/12	Lot-125 4gal per acre applied pre-plant	14.6/56	216.24
	Control	14.4/57	188.68
5/9/12 6/6/12	Lot-125 4gal per acre applied pre-plant 4gal per acre @ V-4	14.3/57	196.63
5/9/12 6/6/12 6/13/12	Lot-125 4gal per acre applied pre-plant 4gal per acre @ V-4 4gal per acre @ V-6	14.4/57	199.79

10 - 20% lodging on all four plots

Lodging rating: 0/no lodging 10/100% lodging

Corn is judged as lodged if it is "tipped over" or broken below the ear.

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.