

Tessengerlo Kerley

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Irrigation Research Foundation -- Yuma, CO

Variety: Dekalb 56-55
Population: 32,500

Planting Date: 5/8/12
Harvest Date: 10/25/12

Application Dates

Strip Till Fertilizer: 19-13-0 Analysis applied 4" @ 10gal and 10" @ 13gal
48.3-31.8-0 (Actual)
Starter: 15-20-0-2s-.027Zn@18gal./acre
Through Sprinkler: 32-0-0

3/28/12

5/4/12

10 gal./acre

5/28 6/4 6/11

7/3 7/19

Applied Water

18.15"

Herbicide Treatments

Pre-Plant	Degree Xtra @ 2.9 qt./acre Round-up @ 32oz./acre AMS @ 17lbs. per 100 gal./ acre NIS @ 1qt. per 100 gal./acre	4/18/2012
Post-Plant	Status @ 5oz./acre Round-up @ 32oz./acre AMS @ 17lbs. per 100 gal./ acre NIS @ 1qt. per 100 gal./acre	6/17/12

Miticide/Insecticide Treatment

5 oz./acre of Oberon 7/22/12

Application dates	TREATMENT:	Moisture/ Test Wgt.	YIELD (bu./acre)
6/28/12	#1 Injected Potassium Thio-sulfate @3gal @V-8 stage	15/60	261.80
	Control for Trial #1	15/60	221.98
6/28/12 7/5/12	#2 Injected Potassium Thio-sulfate @3gal @V-8 stage Injected Potassium Thio-sulfate @3gal @ Prior Tassel	15/60	227.25
	Control for Trial #2	17/60	208.88
7/5/12	#3 Injected Potassium Thio-sulfate @3gal @ Prior Tassel	15/60	178.13
	Control for Trial #3	15/59	160.35

Plants subjected to high winds and warm temperatures

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.