

Talc USA

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Irrigation Research Foundation -- Yuma, CO

Soy Beans - 2014

Population: 180K

Variety: 24-K2

Average Test Weight

56.26 lbs.

Planting Date: 5/27/2014

Harvest Date: 9/29/2014

Application Dates

5/27/2014

4/6/2014

3/27/2014

5/21/2014

Innoculent: Vault SP

Soil Detoxifier: Reclaim @ 32 oz./ac.

Strip-Till: (Analysis) 23-0-3-5.7s applied 10 gal. @ 4" & 13 gal. @ 10"

Starter Fertilizer: (Analysis) 22.7-9.1-1.9-1.3s-.05zn applied @ 12.5 gal.

Through Sprinkler: 32-0-0 @ 5 gal./ac.

1st - 7/4/2014

2nd - 7/9/2014

3rd - 7/18/2014

4th - 7/24/2014

Applied Water: 7 inches

Rainfall: 16 inches

Herbicide Treatments

Boundary @ 1.5 pt./ac. + Touchdown Total @ 32 oz./ac. + Select @ 8 oz./ac. + NIS @ 1 qt./100 gal. + AMS @ 8.5 lbs./100 gal.

5/30/2014

Touchdown Total @ 32 oz./ac. + Fusilade @ 6 oz./ac. + 10-34-0 @ 1 qt./ac. + NIS @ 1 qt./100 gal.

1st - 7/26/2014

2nd - 8/4/2014

Insecticide Treatments

IndegoZc @ 3.5 oz./ac. + NIS @ 1 qt./100 gal

7/31/2014

Fungicide Treatments

Quilt @ 10.5 oz./ac.

7/31/2014

Protocol	Moisture	Total Average Bushels / Acre
Seed treat PLAIN TALC @ 1 cup per 3 bushels of seed	11.1	75.73
Seed treat MICRO TALC @ 1 cup per 3 bushels of seed	10.7	76.28
Seed treat MICRO + MICROBE TALC @ 1cup per 3 bushels of seed	11.5	73.23
Control	11.2	69.95