

Cytozyme

www.cytozyme.com

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

1st - 7/4/2014

2nd - 7/9/2014

3rd - 7/18/2014

4th - 7/24/2014

Innoculent: Vault SP

Soil Detoxifier: Reclaim @ 32 oz./ac.

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

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

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
No Starter - 4 fl oz SL in 4 gal water, applied in-furrow at planting, followed by AG at 16 fl oz/acre at V6 - Applied 7/2/14 , followed by AG at 16 fl oz/acre R3-R4 - Applied 8/4/2014 .	11.6	69.64
No Starter - APSA-80 at 16 fl oz/acre + Soil+ at 32 fl oz/acre 4 fl oz SL in 4 gal water, applied in-furrow at planting, followed by AG at 16 fl oz/acre at V6 - Applied 7/2/14 , followed by AG at 16 fl oz/acre R3-R4 - Applied 8/4/14 .	11.3	71.07
No Starter - 4 fl oz SL in 4 gal water, applied in-furrow at planting. AG at 16 fl oz/acre with Glyphosate and other herbicides at V6 - Applied 7/2/14 , AG at 16 fl oz/acre R3-R4 - Applied 8/4/14 .	10.9	68.61
Control - No Starter	11.2	66.03