

Population: 34K Applied Water: 8 inches
Variety: DKS 56-54 Rainfall: 16 inches
Planting Date: 4/30/14
Harvest Date: 11/2/14

Strip-till: 23-0-3-5.7s = 10 gal. @ 4"

Starter 2x2: 22.7-9.1-1.9-1.3s-.05zn @ 18 gal./acre

In-Furrow: 9-24-3 Micro 500 @ ½ gal./acre

Through Sprinkler: 32-0-0 @ 10 gal./acre

Application Dates

3/27/2014

4/30/2014

4/30/2014

6/5/2014, 7/4, 7/14, 7/21

Herbicide Treatment applied 5/4/2014; Lumax EZ @ 2.7qt./acre; Touchdown Total @ 32oz./acre
AMS @ 8.5lbs/100 gal. water; NIS @ 1qt/100 gal. water

App Dates	Protocols	Moisture	YIELD (bu./acre)	Control Moisture	Control Yield (bu./acre)
	2x2				
4/4/2014 4/30/2014	Standard Strip-Till with (3) Growth Boost @ 1 gal./acre + 2x2 Standard IRF Program	15.5	221.70	15.8	200.1
4/4/2014 4/30/2014	Standard Strip-Till with (3) Growth Boost @ 1 gal./acre + 2x2 with (3) Growth Boost @ 1 gal./acre	15.5	233.00	15.3	223.4
7/17/14	Aerial application of 3-18-18 @ 3 gal/acre with (6) Growth Supplement @ 40oz/acre and (5) MicroNutrient Boost @ 1pt/acre at white silk stage	15.4	199.30	15.3	185.7
	In-Furrow				
4/4/2014 4/30/2014	Standard Strip-Till with (3) Growth Boost @ 1 gal./acre + In-Furrow Standard IRF Program	15.2	231.00	15.3	221
4/4/2014 4/30/2014	Standard Strip-Till with (3) Growth Boost @ 1 gal./acre + In-Furrow with (3) Growth Boost @ 1 gal./acre	14.6	205.20	14.3	191
7/17/14	Aerial application of 3-18-18 @ 3 gal/acre with (6) Growth Supplement @ 40oz/acre and (5) MicroNutrient Boost @ 1pt/acre at white silk stage	15.7	200.70	15.6	192.5

This was the most challenging spot on the research farm. The previous corn yield for this spot was 175 bu/acre and the watering was reduced.