

Operations Summary

Year	2004
Farm	Helm
Field ID	Field 5 CD&E - Span 2-4 Cotton Conventional Tillage Keeling Bordovsky
Exp. Design	Four 16 row plots that cross different cropping history
Soil Type	

Field Operations	Date	Activity	
Tillage Treatment	3/9	Shred stalks	<p>Field 5CDE, S2-4</p>
	3/24	Disked	
	4/25	Hamey with basket 6" deep	
	4/26	Listed with the rolling cultivator	
	5/11	Buffers on toolbar to even beds	
	5/14	Rotary Hoe	
	6/26	Cultivated/dike with stiff shank cultivator	
Fertility	3/9	60 lbs P /a with coulters (10-34-0) on sections D&E	
	3/9	17.72 lbs N /a with coulters (10-34-0) on sections D&E	
	3/23	60 lbs P /a with coulters (10-34-0) on section C	
	3/23	17.72 lbs N /a with coulters (10-34-0) on section C	
	4/26	57 lbs N /a with coulters (32-0-0)	
	7/12,13	9.2 lbs N /a with pivot (32-0-0)	
	7/19,20	8.1 lbs N /a with pivot (32-0-0)	
	7/22	13 lbs N /a with pivot (32-0-0)	
	7/27	12.6 lbs N /a with pivot (32-0-0)	
	8/4	16.4 lbs N /a with pivot (32-0-0)	
Planting	5/11	56,000 seed per acre ST 4892 RR and ST 4646 RR	
Herbicide/Growth Regulator	4/26	32 oz Prowl /a broadcast and incorporated with rolling cultivator	
	5/25	22 oz Roundup Weather Max /a + 15.41 oz NH ₄ SO ₃ /a broadcast	
	6/7	22 oz Roundup Weather Max /a + 15.41 oz NH ₄ SO ₃ /a broadcast	
	7/6	22 oz Roundup Weather Max /a + 15.41 oz NH ₄ SO ₃ /a with shielded sprayer	
	7/7	8 oz Pentia /a	
	7/20	8 oz Pentia /a	
Insecticide	5/11	3 lbs Temik /a	
	6/7	3.2 oz Orthene /a for Thrip	
Irrigation Amt.			
PrePlant & Planting Seasonal	4/27 - 5/24	2.00 in. sections D&E, 1.75 in. section C	
	5/25 - 9/20	8.26 in. sections D&E, 8.04 in. section C	
Rainfall			
PrePlant & Planting Seasonal	1/1 - 5/12	8.52 in.	
	5/13 - 9/17	11.14 in.	