

## Operations Summary

Year	2004
Farm	Helm
Field ID	Field 5 F - Span 2-4 Cotton Conventional Tillage w/continuous cotton Keeling
Exp. Design	Heavy tillage, no replications
Soil Type	

Field Operations	Date	Activity	
Tillage	12/22	Shred stalks	Field 5F, S2-4 
	1/5,6,7,8	Disked	
	1/26,27,28	Hamey with basket 8" deep	
	3/23	Listed	
	4/23	Rolling cultivator	
	5/7	Buffers on toolbar to even beds	
	5/14	Sam Stevens Scratchers	
	6/16	Cultivated/dike with stiff shank cultivator	
Fertility	2/6	60 lbs P /a (52-11-0) (dry fertilizer with truck)	
	2/6	15 lbs N /a (52-11-0) (dry fertilizer with truck)	
	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	5/7	56,000 seed per acre ST 4793	
Herbicide/Growth Regulator	4/23	32 oz Prowl /a broadcast and incorporated with rolling cultivator	
	6/4	22 oz Roundup Weather Max /a + 15.41 oz $\text{NH}_4\text{SO}_3$ /a broadcast	
	7/6	22 oz Roundup Weather Max /a + 15.41 oz $\text{NH}_4\text{SO}_3$ /a with shielded sprayer	
	7/6	8 oz Pentia /a	
	7/20	8 oz Pentia /a	
Insecticide	5/7	3 lbs Temik /a	
	6/5	3.2 oz Orthene /a for Thrip	
Irrigation Amt.			
PrePlant & Planting Seasonal	4/27 - 5/25	0.6	
	5/26 - 9/17	8.04	
Rainfall			
PrePlant & Planting Seasonal	1/1 - 5/12	8.52 in.	
	5/13 - 9/17	11.14 in.	