

Operations Summary

Year	2004		
Farm	Helm		
Field ID	Field 2	Drip Cotton Management	Bordovsky, Gannaway, Parajulee
Exp. Design	Management (high input vs sustainable); Insect Control; Cotton Varieties, 4 reps, 16 row x 1300' plots		
Soil Type			

Field Operations	Date	Activity	
Tillage	12/11	Shred stalks	
	12/17	Disked	
	1/13,14	Disked	
	1/28,29	Hamey with basket 6" deep	
	3/25,26	Listed	
	4/15	Rotary Hoe	
	5/5	Buffers on toolbar to even beds	
	5/10	Rotary hoe	
	5/13	Sam Stevens Scratchers	
	6/10	Cultivated/dike with stiff shank cultivator	
Fertility	4/16	90 lbs P /a with coulters (10-34-0)	
	4/16	26.52 lbs N /a with coulters (10-34-0)	
	4/19	60 lbs N /a with coulters (32-0-0)	
	6/8	30 oz Zn /a with drip in zones 3,5,7,9	
	6/21	30 oz Zn /a with drip in zones 3,5,7,9	
	7/5 - 8/10	84.66 lbs N /a with drip in zones 3,5,7,9 (32-0-0)	
	7/5 -7/31	42.33 lbs N /a with drip in zones 2,4,6,8 (32-0-0)	
Planting	5/5	Planted Gannaway's variety test	
	5/5	56,000 seed per acre PM 2326 RR in zones 2,4,6,8 and FM 989 BR in zones 3,5,7,9	
Herbicide/Growth Regulator	4/15	48 oz Prowl /a broadcast and incorporated with rotary hoe	
	5/6	40 oz Caprol /a broadcast	
	6/4	22 oz Roundup Weather Max /a + 15.41oz NH ₄ SO ₃ /a broadcast with shielded sprayer	
	6/17	2 oz Pentia /a in zones 3,5,7,9	
	7/2	7 oz Pentia /a in zones 3,5,7,9	
	7/15	8 oz Pentia /a in zones 2,4,6,8	
Insecticide	5/5	3 lbs Temik /a	
	5/27	3.2 oz Orthene /a for Thrip	
	7/7	4 oz Orthene /a for Fleahoppers	
	7/20	3 oz Ammo /a for Fleahoppers	
Irrigation Amt.			
PrePlant & Planting Seasonal	1/1 - 5/5	0.00	
	5/13 - 9/17	Low 12.19 in. High 16.33 in.	
Rainfall			
PrePlant & Planting Seasonal	1/1 - 5/12	8.52 in.	
	5/13 - 9/17	11.14 in.	