

Table 7A. Income and Cash Operating Cost Summary, Upland Cotton, 1996

COUNTY: La Paz	FARM: LaPaz County Farm	WATER SOURCE: BIA	TILLAGE: Conventional
CROP: Cotton, Upland	ACRES: 1.0	IRRIGATION SYSTEM: Flood Furrow	SOIL: Sandy-Loam
AREA: Parker CRIR	YIELD: 1,280.0 Lb/Acre	PREVIOUS CROP: Cotton, Upland	DATE: 09/26/96

Item	Unit	Quantity	Price /Unit	Budgeted /Acre	Total /Acre	Your Farm Budget
INCOME -> Lint	Pound	1,280.00	\$0.7200	\$921.60		
Cottonseed	Ton	1.17	114.6000	134.08	\$1,055.68	
CASH LAND PREPARATION AND GROWING EXPENSES (including sales tax)						
Paid Labor (including benefits)					85.97	
Tractor/Self Propelled				34.18		
Hand				27.61		
Irrigation				24.19		
Chemicals & Custom Applications					490.78	
Fertilizers				79.31		
Insecticides				223.38		
Herbicides				24.55		
Other Chemicals				163.54		
Farm Machinery and Vehicles					56.27	
Diesel Fuel				27.63		
Repairs & Maint.				28.64		
Irrigation Water (excluding labor)					0.00	
Water Assessment (See Note Below) **					**	
Other Purchased Inputs & Services					51.07	
Seed/Transplants				9.07		
Other Services & Rentals				42.00		
TOTAL CASH LAND PREPARATION AND GROWING EXPENSES					684.09	
CASH HARVEST AND POST HARVEST EXPENSES						
Paid Labor (including benefits)					20.54	
Tractor/Self Propelled				10.85		
Other/Contract				9.68		
Chemicals & Custom Applications					58.45	
Other Chemicals				58.45		
Farm Machinery and Vehicles					63.00	
Diesel Fuel				11.26		
Repairs & Maint.				51.75		
Custom Harvest/Post Harvest					3.84	
Cotton Ginning					112.94	
Crop Assessments					9.22	
Other Materials					2.36	
TOTAL HARVEST AND POST HARVEST EXPENSE					270.35	
OPERATING OVERHEAD->PICKUP USE					15.76	
OPERATING INTEREST AT 9.0%					23.38	
TOTAL CASH OPERATING EXPENSES					\$993.58	
RETURNS OVER CASH OPERATING EXPENSES					\$62.10	

Notes: The above figures do not include ownership costs, see Table 7B on Next Page for detailed cost allocation.

\*\* A water assessment charge of \$31.50/Acre is included in the ownership costs of Table 7B.

Table 7B. Allocation of Ownership Costs; Upland Cotton, 1996

COUNTY: La Paz	FARM: LaPaz County Farm	WATER SOURCE: BIA	TILLAGE: Conventional
CROP: Cotton, Upland	ACRES: 1.0	IRRIGATION SYSTEM: Flood Furrow	SOIL: Sandy-Loam
AREA: Parker CRIR	YIELD: 1,280.0 Lb/Acre	PREVIOUS CROP: Cotton, Upland	DATE: 09/26/96

Item	- CASH COST BASIS (\$/ACRE) -		- TOTAL COST BASIS (\$/ACRE) -	
	Income & Costs	Net Returns	Income & Costs	Net Returns
TOTAL INCOME at \$ 0.7200/Lb + 2nd Crop	\$1,055.68		\$1,055.68	
TOTAL OPERATING EXPENSES	993.58		993.58	
RETURN OVER CASH OPERATING EXPENSES		\$62.09		\$62.09
CASH OVERHEAD EXPENSES				
Taxes, Housing & Insur., Farm Machinery	11.65		11.65	
Gen. & Off. Overhead ( 5% of Tot. Oper. Exp.)	49.67		49.67	
General Farm Maint. ( 3% of Tot. Oper. Exp.)	29.81		29.81	
Total Cash Overhead Expenses	<u>91.13</u>		<u>91.13</u>	
Total Cash Oper. & Over. Cost	1,084.71		1,084.71	
RETURNS OVER CASH OPER. & OVER. EXPENSES.		( 29.03)		( 29.03)
CAPITAL ALLOCATIONS (100% Equity)				
Capital Replacement, Machinery & Vehicles			79.88	
Interest on Equity, Machinery & Vehicles			37.69	
Total Capital Allocations			<u>117.57</u>	
RETURNS TO LAND, CAPITAL, MANAGEMENT & RISK		( 29.03)		
RETURNS TO LAND, MANAGEMENT & RISK				( 146.61)
Land Cost / Rent or Lease	100.00		100.00	
Water Assessment **	31.50		31.50	
Total Land Costs	<u>131.50</u>		<u>131.50</u>	
RETURNS TO MANAGEMENT, CAPITAL & RISK		( 160.53)		
RETURNS TO MANAGEMENT & RISK				( 278.11)
Management Services ( 8% of Tot. Oper. Exp.)			79.48	
TOTAL OWNERSHIP COST	<u>222.63</u>		<u>419.69</u>	
TOTAL COST	<u>\$1,216.21</u>		<u>\$1,413.28</u>	
RETURN TO MANAGEMENT, CAPITAL & RISK		( \$160.53)		
RETURN TO RISK (PROFITS)				( \$357.60)
BREAK-EVEN PRICE TO COVER OPERATING COST (PER Lb)		\$0.6714		\$0.6714
BREAK-EVEN PRICE TO COVER OWNERSHIP COST		\$0.1739		\$0.3278
BREAK-EVEN PRICE TO COVER TOTAL COST		\$0.8454		\$0.9993

Table 7C. Variable Operating Costs: Upland Cotton, 1996

COUNTY: La Paz                      FARM: LaPaz County Farm                      WATER SOURCE: BIA                      TILLAGE: Conventional  
 CROP: Cotton, Upland              ACRES: 1.0                      IRRIGATION SYSTEM: Flood Furrow              SOIL: Sandy-Loam  
 AREA: Parker CRIR              YIELD: 1,280.0 Lb/Acre              PREVIOUS CROP: Cotton, Upland              DATE: 09/26/96

No.	First Month	Operation	— Hours * —		Operating Costs (\$/Acre*)				Total	Times	Tot. Cash	
			Machine	Labor	Fuel/Rps.	Labor	Cust/Ser.	Materials			Expense	Class
1	Dec	Disk	0.138	0.154	2.91	1.34			4.25	2.0	8.51	L
2	Dec	Rip	0.378	0.420	8.00	3.66			11.66	1.0	11.66	L
3	Dec	Landplane	0.180	0.200	2.78	1.74			4.52	1.0	4.52	L
4	Dec	Laser Level						60.00	60.00	0.5	30.00	L
5	Dec	Soil Fertility						3.00	3.00	1.0	3.00	G
6	Dec	Apply Herbicide/Ground	0.164	0.182	2.95	1.58		11.81	16.34	1.0	16.34	G
7	Jan	Apply Fert/Ground	0.150	0.167	2.04	1.45		13.84	17.33	1.0	17.33	G
8	Feb	List	0.150	0.167	2.86	1.45			4.31	1.0	4.31	L
9	Feb	Buck Rows	0.022	0.025	0.14	0.22			0.36	5.0	1.82	G
10	Feb	Soil Fertility						3.00	3.00	1.0	3.00	G
11	Feb	Preirrigate		0.667		4.84			4.84	1.0	4.84	G
12	Feb	Disk Ends	0.011	0.013	0.11	0.11			0.22	5.0	1.11	G
13	Feb	Mulch	0.180	0.200	3.84	1.74			5.58	1.0	5.58	L
14	Mar	Mulch	0.150	0.167	1.98	1.45			3.43	1.0	3.43	L
15	Mar	Plant	0.188	0.210	2.72	1.83		9.07	13.62	1.0	13.62	L
16	Mar	Remove Cap	0.113	0.125	0.73	1.09			1.82	1.0	1.82	G
17	Apr	Cultivate	0.150	0.167	1.98	1.45			3.43	4.0	13.71	G
18	Apr	Apply Fert/Inject	0.150	0.167	2.51	1.45		17.85	21.81	3.0	65.44	G
19	May	Apply Herbicide/Ground	0.180	0.200	1.62	1.74		12.74	16.10	1.0	16.10	G
20	May	Irrigate		0.333		2.42			2.42	7.0	16.94	G
21	Jun	Irrigate/Run Fertilizer		0.333		2.42		11.90	14.32	1.0	14.32	G
22	Jun	Field Scouting						6.00	6.00	1.0	6.00	G
23	Jun	Apply Growth Regulator						6.00	110.15	1.0	116.15	G
24	Jun	Apply Insecticide/Air						6.00	7.61	5.0	68.05	G
25	Jul	Hand Weeding		2.000		13.80			13.80	2.0	27.60	G
26	Jul	Apply Insecticide/Air						6.00	18.02	1.0	24.02	G
27	Jul	Apply Insecticide/Air						6.00	22.46	1.0	28.46	G
28	Jul	Apply Insecticide/Air						6.00	26.52	1.0	32.52	G
29	Jul	Apply Insecticide/Air						6.00	22.24	1.0	28.24	G

\* NOTES: See next page for notes.

Table 7C. Variable Operating Costs; Upland Cotton, 1996

COUNTY: La Paz FARM: LaPaz County Farm WATER SOURCE: BIA TILLAGE: Conventional  
 CROP: Cotton, Upland ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam  
 AREA: Parker CRIR YIELD: 1,280.0 Lb/Acre PREVIOUS CROP: Cotton, Upland DATE: 09/26/96

No.	First Month	Operation	— Hours * —		Operating Costs (\$/Acre*)					Tot. Cash Expense	Class	
			Machine	Labor	Fuel/Rps.	Labor	Cust/Ser.	Materials	Total			Times
30	Aug	Apply Insecticide/Air					6.00	31.09	37.09	1.0	37.09	G
31	Aug	Apply Insecticide/Air					6.00	19.38	25.38	1.0	25.38	G
32	Aug	Apply Insecticide/Air					6.00	14.21	20.21	1.0	20.21	G
33	Sep	Apply Growth Regulator					6.00	16.47	22.47	0.3	6.74	G
34	Sep	Apply Defoliant/Air					8.32	20.03	28.35	1.0	28.35	H
35	Sep	Apply Defoliant/Air					8.32	21.78	30.10	1.0	30.10	H
36	Oct	Prepare Ends	0.022	0.025	0.26	0.22			0.48	1.0	0.48	H
37	Oct	Cotton, First Pick	0.900	1.000	34.25	7.26			41.51	1.0	41.51	H
38	Oct	Cotton, Make Modules	0.450	0.500	5.45	4.35		1.58	11.38	1.5	17.07	H
39	Oct	Haul, Custom 0.2 Mu							0.00	1.0	0.00	H
40	Oct	Cotton Ginning 37.6 Cs					112.94		112.94	1.0	112.94	P
41	Oct	Cotton Classing 2.6 Ba					3.84		3.84	1.0	3.84	M
42	Nov	Cotton, Second Pick	0.600	0.667	22.84	4.84			27.68	0.5	13.84	H
43	Nov	Cotton, Rood	0.450	0.500	12.42	4.35			16.77	0.5	8.39	H
44	Nov	Crop Assessment 2.6 Ba					9.22		9.22	1.0	9.22	M
45	Nov	Cut Stalks	0.200	0.222	2.68	1.93			4.61	1.0	4.61	P
46	Nov	Disk Residue	0.200	0.222	4.20	1.93			6.13	1.0	6.13	L
		Pickup Use 60 Mi/Ac	2.000		15.75				15.75		15.75	O
		Operating Interest at 9.00%					22.10		22.10		22.10	O
TOTAL CASH OPERATING EXPENSES:					\$135.03	\$106.47	\$286.54	\$464.15		\$992.19		T

\* NOTES: Machine and labor hours and operating cost are for one time over the designated acreage. The 'Tot. Cash Expense' column and the 'TOTAL CASH OPERATING EXPENSES:' row include all operations, all times over. Classes are defined below. A water assessment charge of \$31.50/Acre included as ownership cost in Table 7B.

OPERATING COST SUMMARY BY CLASS		SENSITIVITY OF NET REVENUES OVER TOTAL CASH EXPENSES (\$/Acre)							
		Prices ->		-25%	-10%	Budgeted	+10%	+25%	
Land Preparation (L)	\$87.74								
Growing (G)	596.23								
Harvest (H)	139.73	Yields		\$0.54	\$0.64	\$0.72	\$0.79	\$0.90	Break-even
Post Harvest (P)	117.55								
Marketing (M)	13.05	-25%	960.0	-406.19	-302.51	-233.39	-164.27	-60.59	0.96
Operating Overhead (O)	37.85	-10%	1,152.0	-343.07	-218.65	-135.71	-52.76	71.64	0.83
		Budgeted	1,280.0	-300.98	-162.74	-70.58	21.57	159.81	0.77
Total (T)	\$992.18	+10%	1,408.0	-258.90	-106.83	-5.46	95.91	247.97	0.72
		+25%	1,600.0	-195.77	-22.97	92.22	207.42	380.22	0.66
		Break-even Yield		2,195.44	1,652.59	1,418.73	1,242.85	1,047.97	

Table 7D. Resource and Cash Flow Requirements; Upland Cotton, 1996

COUNTY: La Paz FARM: LaPaz County Farm WATER SOURCE: BIA TILLAGE: Conventional  
 CROP: Cotton, Upland ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam  
 AREA: Parker CRIR YIELD: 1,280.0 Lb/Acre PREVIOUS CROP: Cotton, Upland DATE: 09/26/96

Month *	Number Irrig.	Water Applied (Inches)	Total Labor (Hrs)	Operating Cost (\$/Acre)						
				Purchased Water	Fuel, Oil & Repairs	Labor	Chemicals	Other Purchases	Services	Total
DEC P			0.74		13.55	6.49	2.36			22.40
JAN C			0.49		7.46	4.31	20.93		3.00	35.70
FEB C	1.0	10.0	1.10		7.54	8.69	2.36		33.00	51.59
MAR C			0.30		3.36	2.62		3.63		9.61
APR C			0.43		5.37	3.78	17.85	5.44		32.45
MAY C	1.0	5.0	0.83		5.95	6.82	24.22			36.99
JUN C	2.0	10.0	1.17		5.95	9.24	141.98		18.00	175.17
JUL C	3.0	15.0	3.23		2.63	23.13	108.75		30.00	164.51
AUG C	2.0	10.0	2.80		1.34	19.84	79.92	0.32	30.00	131.42
SEP C			0.40		4.36	3.48	54.36	1.26	24.44	87.90
OCT C			0.22		7.11	1.67			23.36	32.13
NOV C			1.07		32.64	8.23			51.32	92.19
DEC C			0.99		22.00	8.22		0.79	51.32	82.33
Pickup Use 60 Mi/Ac					15.75					15.75
Operating Interest at 9.0% Water Assessment									22.12	22.12
Total	9.0	50.0	13.83		135.03	106.51	452.73	11.43	286.56	992.27
%					13.60	10.73	45.63	1.15	28.87	100.00

TOTAL RESOURCES REQUIREMENTS (/Acre)			TOTAL ENERGY REQUIREMENTS (/Acre)		
Total N	201.9 lbs		Diesel Fuel	40.2	Gal
Total P	14.3 lbs		Regular Gas	0.0	Gal
Total K	7.1 lbs		NonLead Gas	6.0	Gal
Total Labor	13.8 Hrs		All Direct Energy	6.3	M BTU
Total Water	50.0 AI				

EQUIPMENT REQUIREMENTS (/Acre)					
Tractor, 175 PTO HP	0.81 Hrs	Offset Disk, 16.5'	0.44 Hrs	Tractor, 335 Eng HP, Art.	0.38 Hrs
Subsoiler, Heavy Duty, 7 Shnk	0.38 Hrs	Tractor, 200 PTO HP, 4WD	0.18 Hrs	Tractor, 150 PTO HP, MFWD	1.71 Hrs
Saddle Tk Sprayer, 2 Tk 8 Row	0.16 Hrs	Directed Spray Rig, 16 Row	0.15 Hrs	Lister, 7 Bottom	0.15 Hrs
Tractor, 80 PTO HP, MFWD	0.28 Hrs	Rowbuck, 10'	0.11 Hrs	Dbl. Offset Disk, 13'	0.08 Hrs
Power Mulcher, 6 Rw	0.18 Hrs	Rolling Cultivator, 6 Rw	0.75 Hrs	Tractor, 100 PTO HP, MFWD	0.39 Hrs
Planter, 6 Row	0.19 Hrs	Section Harrow, 4 Section	0.11 Hrs	Fertilizer Injector, 6 Row	0.45 Hrs
Directed Spray Rig, 8 Row	0.18 Hrs	Tractor, 70 PTO HP, MFWD	0.68 Hrs	Module Builder	0.68 Hrs
Cotton Picker, 2 Row	1.20 Hrs	Forage Harv, SP SB 14.0 PSB FC	0.23 Hrs	Rood, 3 Row W/Basket Cleaner	0.23 Hrs
Rotary Stalk Cutter, 4 Row	0.20 Hrs	Dbl. Offset Disk, 16'	0.20 Hrs	Pickup Truck, 1/2 Ton	2.00 Hrs

MATERIALS REQUIREMENTS (/Acre)					
Prometryn	3.00 Pt	05-10-05, Lqd	15.00 Ga	Water, District	50.00 AI
Upl Cotton Sd+NU-Flow ND	12.00 Lb	32-00-00, URAN 32, Lqd	55.00 Ga	Cyanazine	1.00 Qt
	1.33 Qt	Mepiquat Chloride	1.00 Pt	Pyriproxyfen	8.00 Oz
Pheromones	50.00 Gm	Adhesive	26.65 Oz	Permethrin	2.50 Oz
Profenofos	0.50 Pt	Endosulfan	4.00 Pt	Buffer	10.56 Oz
Bifenthrin	10.60 Oz	Acephate	2.17 Lb	Fenprothrin	20.00 Oz
Imidacloprid	3.50 Oz	Surfactant (spreader)	0.30 Pt	Lambdacyhalothrin	4.00 Oz
Module Tarps	45.00 CW	Ethephon	0.30 Qt	Merphos	2.00 Pt
Thidiazuron	0.20 Lb	Sodium Chlorate	3.00 Ga	Endothall	1.00 Pt

LABOR REQUIREMENTS (/Acre)					
Tractor	5.17 Hrs	Irrigators	3.33 Hrs	Hand Weeders	4.00 Hrs
Harvest	1.33 Hrs				

Table 7E Schedule of Operations; Upland Cotton, 1996  
 COUNTY: La Paz FARM: LaPaz County Farm  
 CROP: Cotton, Upland ACRES: 1.0  
 AREA: Parker CRIR YIELD: 1,280.0 Lb/Acre

WATER SOURCE: BIA  
 IRRIGATION SYSTEM: Flood Furrow  
 PREVIOUS CROP: Cotton, Upland

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 TILLAGE: Conventional  
 SOIL: Sandy-Loam  
 DATE: 09/26/96

No.	First Month	Times	Operation	Equipment/Custom Oper. HP Self-Prop./Implem.	Job Rate Acres/Hr	Material Use & Cost Name	Appl. Rate	\$/Unit	Service Cost \$/Unit	Labor Type
1	Dec	2.0	Disk	175 Offset Disk, 16.5'	6.50					Tractor
2	Dec	1.0	Rip	245 Subsoiler, Heavy Duty,	2.38					Tractor
3	Dec	1.0	Landplane	Tractor, 200 PTO HP, 4W	5.00					Tractor
4	Dec	0.5	Laser Level	CST Laser Level, Touchu					60.00 Ac	
5	Dec	1.0	Soil Fertility	CST Soil Analysis (Surf					3.00 Ac	
6	Dec	1.0	Apply Herbicide/Groun	150 Saddle Tk Sprayer, 2 Tk Offset Disk, 16.5'	5.50	Prometryn	3.00 Pt	30.00 Ga		Tractor
7	Jan	1.0	Apply Fert/Ground	150 Directed Spray Rig, 16	6.00	05-10-05, Lqd	15.00 Ga	185.00 Tn		Tractor
8	Feb	1.0	List	175 Lister, 7 Bottom	6.00					Tractor
9	Feb	5.0	Buck Rows	80 Rowbuck, 10'	40.00					Tractor
10	Feb	1.0	Soil Fertility	CST Soil Analysis (Surf					3.00 Ac	
11	Feb	1.0	Preirrigate		1.50	Water, District	10.00 AI	0.00 AF		Irrigator
12	Feb	5.0	Disk Ends	80 Db1. Offset Disk, 13'	80.00					Tractor
13	Feb	1.0	Mulch	175 Power Mulcher, 6 Rw	5.00					Tractor
14	Mar	1.0	Mulch	150 Rolling Cultivator, 6 R	6.00					Tractor
15	Mar	1.0	Plant	100 Planter, 6 Row	4.80	Upl Cotton Sd+NU-F	12.00 Lb	72.00 CW		Tractor
16	Mar	1.0	Remove Cap	80 Section Harrow, 4 Secti	8.00					Tractor
17	Apr	4.0	Cultivate	150 Rolling Cultivator, 6 R	6.00					Tractor
18	Apr	3.0	Apply Fert/Inject	150 Fertilizer Injector, 6	6.00	32-00-00, URAN 32,	15.00 Ga	205.00 Tn		Tractor
19	May	1.0	Apply Herbicide/Groun	100 Directed Spray Rig, 8	5.00	Cyanazine	1.00 Qt	25.26 Ga		Tractor
							1.33 Qt	17.50 Ga		
20	May	7.0	Irrigate		3.00	Water, District	5.00 AI	0.00 AF		Irrigator
21	Jun	1.0	Irrigate/Run Fertiliz		3.00	Water, District	5.00 AI	0.00 AF		Irrigator
						32-00-00, URAN 32,	10.00 Ga	205.00 Tn		
22	Jun	1.0	Field Scouting	CST Scout For Insects					6.00 Ac	
23	Jun	1.0	Apply Growth Regulato	CST Air Spray, 3 Gal Mi		Mepiquat Chloride	1.00 Pt	559.25 Ga	6.00 Ac	
						Pyriproxyfen	8.00 Oz	560.00 Ga		
24	Jun	5.0	Apply Insecticide/Air	CST Air Spray, 3 Gal Mi		Pheromones	10.00 Gm	0.50 Gm	6.00 Ac	
						Adhesive	5.33 Oz	5.44 Lb		
						Permethrin	0.50 Oz	113.36 Oz		
25	Jul	2.0	Hand Weeding		0.50					Hand Weed
26	Jul	1.0	Apply Insecticide/Air	CST Air Spray, 3 Gal Mi		Profenofos	0.50 Pt	103.02 Ga	6.00 Ac	
						Endosulfan	2.00 Pt	36.50 Ga		
						Buffer	1.60 Oz	1.00 Oz		
27	Jul	1.0	Apply Insecticide/Air	CST Air Spray, 3 Gal Mi		Bifenthrin	3.80 Oz	511.12 Ga	6.00 Ac	
						Acephate	0.50 Lb	9.23 Lb		
						Buffer	1.60 Oz	1.00 Oz		
28	Jul	1.0	Apply Insecticide/Air	CST Air Spray, 3 Gal Mi		Bifenthrin	3.80 Oz	511.12 Ga	6.00 Ac	
						Endosulfan	2.00 Pt	36.50 Ga		
						Buffer	0.96 Oz	1.00 Oz		
29	Jul	1.0	Apply Insecticide/Air	CST Air Spray, 3 Gal Mi		Fenpropathrin	10.00 Oz	171.54 Ga	6.00 Ac	
						Acephate	0.67 Lb	9.23 Lb		
						Buffer	1.60 Oz	1.00 Oz		
30	Aug	1.0	Apply Insecticide/Air	CST Air Spray, 3 Gal Mi		Fenpropathrin	10.00 Oz	171.54 Ga	6.00 Ac	
						Imidacloprid	3.50 Oz	525.00 Ga		
						Buffer	1.60 Oz	1.00 Oz		
						Surfactant (spread	0.15 Pt	13.88 Ga		

NOTES at the bottom of the next page.

Table 7E Schedule of Operations; Upland Cotton, 1996

COUNTY: La Paz                      FARM: LaPaz County Farm                      WATER SOURCE: BIA                      TILLAGE: Conventional  
 CROP: Cotton, Upland              ACRES: 1.0                      IRRIGATION SYSTEM: Flood Furrow              SOIL: Sandy-Loam  
 AREA: Parker CRIR                  YIELD: 1,280.0 Lb/Acre              PREVIOUS CROP: Cotton, Upland              DATE: 09/26/96

No.	First Month	Times	Operation	Equipment/Custom Oper.		Job Rate Acres/Hr	Material Use & Cost			Service Cost \$/Unit	Labor Type
				HP	Self-Prop./Implem.		Name	Appl. Rate	\$/Unit		
31	Aug	1.0	Apply Insecticide/Air	CST	Air Spray, 3 Gal Mi		Bifenthrin	3.00 Oz	511.12 Ga	6.00 Ac	
							Acephate	0.50 Lb	9.23 Lb		
							Buffer	1.60 Oz	1.00 Oz		
							Surfactant (spread	0.15 Pt	13.88 Ga		
32	Aug	1.0	Apply Insecticide/Air	CST	Air Spray, 3 Gal Mi		Lambdacyhalothrin	4.00 Oz	234.04 Ga	6.00 Ac	
							Acephate	0.50 Lb	9.23 Lb		
							Buffer	1.60 Oz	1.00 Oz		
33	Sep	0.3	Apply Growth Regulator	CST	Air Spray, 3 Gal Mi		Ethephon	1.00 Qt	62.74 Ga	6.00 Ac	
34	Sep	1.0	Apply Defoliant/Air	CST	Air Spray, 5 Gal Mi		Merphos	2.00 Pt	36.14 Ga	8.32 Ac	
							Thidiazuron	0.20 Lb	50.21 Lb		
35	Sep	1.0	Apply Defoliant/Air	CST	Air Spray, 5 Gal Mi		Sodium Chlorate	3.00 Ga	6.08 Ga	8.32 Ac	
							Endothall	1.00 Pt	20.05 Ga		
36	Oct	1.0	Prepare Ends	100	Dbl. Offset Disk, 13'	40.00					Tractor
37	Oct	1.0	Cotton, First Pick		Cotton Picker, 2 Row	1.00					Harvest
38	Oct	1.5	Cotton, Make Modules	70	Module Builder	2.00	Module Tarps	30.00 CW	0.05 CW		Tractor
39	Oct	1.0	Haul, Custom		CST Haul Cotton Modules					0.00 Mu	
40	Oct	1.0	Cotton Ginning		CST Gin Upland Cotton					3.00 Cs	
41	Oct	1.0	Cotton Classing		CST Class Cotton, HVI					1.50 Ba	
42	Nov	0.5	Cotton, Second Pick		Cotton Picker, 2 Row	1.50					Harvest
43	Nov	0.5	Cotton, Rood		Forage Harv, SP SB 14.0	2.00					Tractor
44	Nov	1.0	Crop Assessment		CST Upland (Low Elev)					3.60 Ba	
45	Nov	1.0	Cut Stalks	150	Rotary Stalk Cutter, 4	4.50					Tractor
46	Nov	1.0	Disk Residue	175	Dbl. Offset Disk, 16'	4.50					Tractor
			Pickup Use 60 Mi/Ac		Pickup Truck, 1/2 Ton	0.50					

\* NOTE: Machine times, labor times, and material rates are for one time over the designated acreage.

\*\* A water assessment charge of \$31.50/Acre included as ownership cost in Table 7B.