



COTTON - STRIP TILLAGE - 2009

ESTIMATED COSTS AND RETURNS PER ACRE, 2009
770 POUND YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
COTTON LINT	LBS	770.00	\$0.60	\$462.00	_____
COTTON SEED	LBS	1286.00	\$0.13	\$167.18	_____
TOTAL RECEIPTS:				\$629.18	_____
2. VARIABLE COSTS					
SEED	THOU.	45.00	\$1.70	\$76.50	_____
FERTILIZER					
NITROGEN	LBS	80.00	\$0.74	\$59.20	_____
PHOSPHATE	LBS	40.00	\$1.24	\$49.60	_____
POTASH	LBS	80.00	\$0.23	\$18.40	_____
BORON	LBS	3.00	\$3.00	\$9.00	_____
SULFUR	LBS	10.00	\$0.27	\$3.00	_____
LIME (PRORATED)	TON	0.33	\$43.00	\$14.19	_____
HERBICIDES	ACRE	1.00	\$52.80	\$52.80	_____
INSECTICIDES	ACRE	1.00	\$30.46	\$30.46	_____
GROWTH REG. & DEFOLIANTS	ACRE	1.00	\$32.92	\$32.92	_____
GINNING	LBS	770.00	\$0.105	\$80.85	_____
CROP INSURANCE	ACRE	1.00	\$10.05	\$10.05	_____
TRACTOR/MACHINERY	ACRE	1.00	\$70.03	\$70.03	_____
LABOR	HRS	1.44	\$8.85	\$12.74	_____
INTEREST ON OP. CAP.	DOL.	\$208.05	9.25%	\$19.24	_____
TOTAL VARIABLE COSTS:				\$538.98	_____
3. INCOME ABOVE VARIABLE COSTS:				\$90.20	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$69.97	\$69.97	_____
TOTAL FIXED COSTS:				\$69.97	_____
5. TOTAL COSTS:				\$608.95	_____
6. NET RETURNS TO LAND, RISK, AND MANAGEMENT:				\$20.23	_____

<u>BREAK-EVEN YIELD</u>		<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	643 LBS	VARIABLE COSTS	\$0.48
TOTAL COSTS	1624 LBS	TOTAL COSTS	\$0.57

* PLEASE NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY.

COTTON - STRIP TILL						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 770 LBS COTTON - STRIP TILL						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
4,5	RIP/STRIP TILL RIG 8R40 w/Planter (W/	1.00	0.13	0.12	\$7.07	\$10.59
4,5,6,7,8,9	HIBOY (60 FT BOOM)	7.00	0.31	0.28	\$11.69	\$11.06
7	HOODED SPRAYER 8R40	1.00	0.09	0.08	\$2.24	\$1.71
10	COTTON PICKER 4-ROW	1.00	0.42	0.38	\$39.24	\$37.94
10	COTTON MODULE BUILDER	1.00	0.12	0.11	\$3.15	\$2.28
10	BOLL BUGGY	1.00	0.37	0.34	\$6.64	\$6.39
PER ACRE TOTALS FOR SELECTED OPERATIONS			1.44	1.31	\$70.03	\$69.97
UNALLOCATED LABOR(HRS./AC.)						

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES						
YIELD		PRICE (\$/lbs.)				
LINT	SEED	\$0.48	\$0.54	\$0.60	\$0.66	\$0.72
		\$0.100	\$0.120	\$0.130	\$0.140	\$0.160
616	1029	-\$124.23	-\$66.69	-\$19.44	\$27.81	\$85.35
693	1157	-\$82.56	-\$17.83	\$35.32	\$88.47	\$153.19
770	1286	-\$40.78	\$31.14	\$90.20	\$149.26	\$221.18
847	1414	\$0.90	\$80.00	\$144.96	\$209.92	\$289.02
924	1543	\$42.67	\$128.97	\$199.84	\$270.71	\$357.01

CHEMICAL USE ASSUMPTIONS FOR 770 LBS COTTON - STRIP TILL						
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH	
HERBICIDES						
glyphosate (generic)	OZ	96.00	\$0.30	\$29.25	AR, MAY, JUN	
2,4-D	PT	2.40	\$1.95	\$4.68	MAY	
pendimethalin (Prowl)	PT	2.40	\$3.97	\$9.53	MAY	
diuron (Direx)	PT	1.00	\$2.62	\$2.62	JUL	
surfactant	PT	3.00	\$2.24	\$6.72	3X MAY, JUN	
INSECTICIDES						
aldicarb (Temik)	LB	5.00	\$3.38	\$16.90	MAY	
acephate (Orthene)	OZ	8.00	\$0.67	\$5.38	JULY	
lamda-cyhalothrin (Karate Z)	OZ	2.50	\$3.27	\$8.18	AUG	
GROWTH REGULATOR & DEFOLIANTS						
mepiquat chloride (Pix)	OZ	16.00	\$0.12	\$1.94	2X JUN/JUL	
ethephon+cyclanilide (Finish6)	QT	1.33	\$19.91	\$26.48	SEP	
thidiazuron (Dropp)	OZ	2.00	\$2.25	\$4.50	SEP	
TOTAL:				\$116.18		

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