

COTTON - CONVENTIONAL - 2008

ESTIMATED COSTS AND RETURNS PER ACRE, 2008
750 POUND YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
COTTON LINT	LBS	750.00	\$0.70	\$525.00	_____
COTTON SEED	LBS	1253.00	\$0.05	\$62.65	_____
TOTAL RECEIPTS:				\$587.65	_____
2. VARIABLE COSTS					
SEED	LBS	10.00	\$7.84	\$78.40	_____
FERTILIZER					
NITROGEN	LBS	80.00	\$0.46	\$36.80	_____
PHOSPHATE	LBS	40.00	\$0.50	\$20.00	_____
POTASH	LBS	80.00	\$0.23	\$18.40	_____
BORON	LBS	3.00	\$0.68	\$2.04	_____
SULFUR	LBS	10.00	\$0.16	\$3.00	_____
LIME (PRORATED)	TON	0.33	\$42.50	\$14.03	_____
HERBICIDES	ACRE	1.00	\$37.85	\$37.85	_____
INSECTICIDES	ACRE	1.00	\$23.65	\$23.65	_____
GROWTH REG. & DEFOLIANTS	ACRE	1.00	\$27.47	\$27.47	_____
GINNING	LBS	750.00	\$0.105	\$78.75	_____
CROP INSURANCE	ACRE	1.00	\$10.05	\$10.05	_____
TRACTOR/MACHINERY	ACRE	1.00	\$78.99	\$78.99	_____
LABOR	HRS	1.80	\$9.02	\$16.24	_____
INTEREST ON OP. CAP.	DOL.	\$170.32	9.25%	\$15.75	_____
TOTAL VARIABLE COSTS:				\$461.42	_____
3. INCOME ABOVE VARIABLE COSTS:				\$126.23	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$79.31	\$79.31	_____
TOTAL FIXED COSTS:				\$79.31	_____
5. TOTAL COSTS:				\$540.73	_____
6. NET RETURNS TO LAND, RISK, AND MANAGEMENT:				\$46.92	_____

<u>BREAK-EVEN YIELD</u>		<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	564 LBS	VARIABLE COSTS	\$0.53
TOTAL COSTS	1473 LBS	TOTAL COSTS	\$0.64

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

COTTON - CONVENTIONAL TILLAGE						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 750 LBS COTTON - CONVENTIONAL TILLAGE						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
3	DISK HARROW (25')	2.00	0.15	0.14	\$4.44	\$5.84
4	SUBSOILER-BEDDER 8R40	1.00	0.11	0.10	\$5.68	\$4.34
5	PLANTER 8R40	1.00	0.10	0.09	\$3.60	\$4.86
5,6,7,8,9	HIBOY (60 FT BOOM)	7.00	0.31	0.28	\$11.27	\$11.06
6	CULTIVATOR 8R40	2.00	0.22	0.20	\$6.96	\$6.60
10	COTTON PICKER 4-ROW	1.00	0.42	0.38	\$37.82	\$37.94
10	COTTON MODULE BUILDER	1.00	0.12	0.11	\$2.94	\$2.28
10	BOLL BUGGY	1.00	0.37	0.34	\$6.28	\$6.39
PER ACRE TOTALS FOR SELECTED OPERATIONS			1.80	1.64	\$78.99	\$79.31
UNALLOCATED LABOR(HRS./AC.)						

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES						
YIELD		PRICE (\$/lbs.)				
LINT	SEED	\$0.56	\$0.63	\$0.70	\$0.77	\$0.84
		\$0.040	\$0.050	\$0.050	\$0.060	\$0.060
600	1002	-\$69.59	-\$17.57	\$24.43	\$76.45	\$118.45
675	1127	-\$30.47	\$28.06	\$75.30	\$133.83	\$181.08
750	1253	\$8.70	\$73.73	\$126.23	\$191.26	\$243.76
825	1378	\$47.83	\$119.36	\$177.11	\$248.64	\$306.39
900	1503	\$86.95	\$164.98	\$227.98	\$306.01	\$369.01

CHEMICAL USE ASSUMPTIONS FOR 750 LBS COTTON - CONVENTIONAL TILLAGE					
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH
HERBICIDES					
pendimethalin (Prowl)	PT	2.40	\$3.17	\$7.61	APRIL
glyphosate (generic)	OZ	88.00	\$0.11	\$9.97	MAY, JUN, JUL
s-metolachlor (Dual Magnum)	PT	1.00	\$9.75	\$9.75	JUN
diuron (Direx)	PT	1.00	\$2.00	\$2.00	JUL
surfactant	ACRE	3.00	\$2.84	\$8.52	3X MAY, JUN
INSECTICIDES					
aldicarb (Temik)	LB	5.00	\$3.00	\$15.00	MAY
acephate (Orthene)	OZ	4.00	\$0.67	\$2.69	JUL
lamda-cyhalothrin (Karate Z)	OZ	2.50	\$2.38	\$5.96	AUG
GROWTH REGULATOR & DEFOLIANTS					
mepiquat chloride (Pix)	OZ	16.00	\$0.17	\$2.75	2X JUN/JUL
ethephon+cyclanilide (Finish6)	QT	1.33	\$14.50	\$19.29	SEP
thiazuron (Dropp)	OZ	2.00	\$2.71	\$5.43	SEP
TOTAL:				\$88.97	

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