



COTTON - TIDEWATER - 2009

ESTIMATED COSTS AND RETURNS PER ACRE, 2009
900 POUND YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
COTTON LINT	LBS	900.00	\$0.60	\$540.00	_____
COTTON SEED	LBS	1503.00	\$0.13	\$195.39	_____
TOTAL RECEIPTS:				\$735.39	_____
2. VARIABLE COSTS					
SEED	THOU.	50.00	\$1.70	\$85.00	_____
FERTILIZER					
NITROGEN	LBS	90.00	\$0.74	\$66.60	_____
PHOSPHATE	LBS	50.00	\$1.24	\$62.00	_____
POTASH	LBS	100.00	\$0.23	\$23.00	_____
BORON	LBS	1.00	\$3.00	\$3.00	_____
SULFUR	LBS	15.00	\$0.27	\$3.00	_____
LIME (PRORATED)	TON	0.33	\$43.00	\$14.19	_____
HERBICIDES	ACRE	1.00	\$41.43	\$41.43	_____
INSECTICIDES	ACRE	1.00	\$30.46	\$30.46	_____
GROWTH REG. & DEFOLIANTS	ACRE	1.00	\$35.30	\$35.30	_____
GINNING	LBS	900.00	\$0.105	\$94.50	_____
CROP INSURANCE	ACRE	1.00	\$35.00	\$35.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$98.11	\$98.11	_____
LABOR	HRS	1.55	\$8.85	\$13.72	_____
INTEREST ON OP. CAP.	DOL.	\$231.05	9.25%	\$21.37	_____
TOTAL VARIABLE COSTS:				\$626.68	_____
3. INCOME ABOVE VARIABLE COSTS:				\$108.71	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$95.59	\$95.59	_____
TOTAL FIXED COSTS:				\$95.59	_____
5. TOTAL COSTS:				\$722.27	_____
6. NET RETURNS TO LAND, RISK, AND MANAGEMENT:				\$13.12	_____

<u>BREAK-EVEN YIELD</u>		<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	747 LBS	VARIABLE COSTS	\$0.48
TOTAL COSTS	1911 LBS	TOTAL COSTS	\$0.59

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

COTTON- TIDEWATER 900 LBS						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 900 LBS COTTON - TIDEWATER						
MONTH	OPERATION	TIMES	LABOR	MACHINE	VARIABLE	FIXED
		OVER	HOURS	HOURS	COSTS	COSTS
3	DISK HARROW (30')	2.00	0.13	0.12	\$4.74	\$5.86
3	FIELD CULTIVATOR 31'	1.00	0.08	0.07	\$2.50	\$2.91
5	PLANTER 12R40	1.00	0.08	0.07	\$4.74	\$5.92
5	SUBSOILER-BEDDER 12R40	1.00	0.10	0.09	\$6.36	\$4.99
5,6,7,8,9	HIBOY (90 FT BOOM)	6.00	0.20	0.18	\$15.06	\$14.28
7,8	HOODED SPRAYER 12R40	2.00	0.15	0.14	\$4.12	\$3.86
10	COTTON PICKER 6-ROW	1.00	0.32	0.29	\$50.80	\$49.10
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			1.55	1.41	\$98.11	\$95.59
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
720	1202	-\$141.98	-\$74.74	-\$19.52	\$35.70	\$102.94
810	1353	-\$93.13	-\$17.47	\$44.66	\$106.79	\$182.45
900	1503	-\$44.38	\$39.68	\$108.71	\$177.74	\$261.80
990	1653	\$4.37	\$96.83	\$172.76	\$248.69	\$341.15
1080	1804	\$53.22	\$154.10	\$236.94	\$319.78	\$420.66

CHEMICAL USE ASSUMPTIONS FOR 900 LBS COTTON - TIDEWATER						
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH	
HERBICIDES						
glyphosate (generic)	OZ	24.00	\$0.30	\$7.31		MAR
glyphosate (Roundup Max)	OZ	60.00	\$0.44	\$26.25		MAY, JUN
evoke	OZ	0.10	\$78.65	\$7.87		JUL
INSECTICIDES						
aldicarb (Temik)	LB	5.00	\$3.38	\$16.90		MAY
acephate (Orthene)	OZ	8.00	\$0.67	\$5.38		JUL
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
tribufos (Folex)	PT	1.00	\$6.88	\$6.88		SEP
TOTAL:				\$107.19		
Half the cotton acreage use a seed treatment instead of Temik						

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