



CORN- CONVENTIONAL TILL- NC, Coastal Plain 2009

ESTIMATED COSTS AND RETURNS PER ACRE, 2009
110 BUSHEL YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
CORN	BU	110.00	\$4.80	\$528.00	_____
TOTAL RECEIPTS:				\$528.00	_____
2. VARIABLE COSTS					
SEED	THOU.	28.00	\$2.81	\$78.68	_____
FERTILIZER					
NITROGEN	LBS	130.00	\$0.74	\$96.20	_____
PHOSPHATE	LBS	35.00	\$1.24	\$43.40	_____
POTASH	LBS	105.00	\$0.23	\$24.15	_____
LIME (PRORATED)	TON	0.33	\$43.00	\$14.19	_____
HERBICIDES	ACRE	1.00	\$33.08	\$33.08	_____
TRACTOR/MACHINERY	ACRE	1.00	\$37.13	\$37.13	_____
LABOR	HRS	1.50	\$8.85	\$13.28	_____
INTEREST ON OP. CAP.	DOL.	\$163.42	9.25%	\$15.12	_____
TOTAL VARIABLE COSTS:				\$355.23	_____
3. INCOME ABOVE VARIABLE COSTS:				\$172.77	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$46.78	\$46.78	_____
TOTAL FIXED COSTS:				\$46.78	_____
5. TOTAL COSTS:				\$402.01	_____
6. NET RETURNS TO LAND, RISK, AND MANAGEMENT:				\$125.99	_____

<u>BREAK-EVEN YIELD</u>		<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	74 LBS	VARIABLE COSTS	\$3.23
TOTAL COSTS	84 LBS	TOTAL COSTS	\$3.65

*NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY



CORN FOR GRAIN- CONVENTIONAL TILL- Coastal Plain region, NC						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 110 BUSHEL CORN						
MONTH	OPERATION	TIMES	LABOR	MACHINE	VARIABLE	FIXED
		OVER	HOURS	HOURS	COSTS	COSTS
2	DISK HARROW (20)'	2.00	0.20	0.18	\$5.28	\$6.20
3	SUBSOILER-BEDDER 8R30	1.00	0.11	0.10	\$6.07	\$4.34
5	PLANTER 8R30	1.00	0.10	0.09	\$3.88	\$4.86
5	PULL TYPE SPRAYER	2.00	0.40	0.36	\$4.66	\$5.62
5	CULTIVATOR 8R30	1.00	0.11	0.10	\$3.79	\$3.30
9	TRUCK 1.5 TON	1.00	0.25	0.23	\$1.44	\$2.28
9	COMBINE	1.00	0.33	0.30	\$12.01	\$20.18
PER ACRE TOTALS FOR SELECTED OPERATIONS			1.50	1.36	\$37.13	\$46.78
UNALLOCATED LABOR(HRS./AC.)						

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES						
YIELD		PRICE (\$/bu)				
BU		\$4.08	\$4.49	\$4.80	\$4.94	\$5.28
99		\$48.69	\$89.28	\$119.97	\$133.83	\$167.49
105		\$73.17	\$116.22	\$148.77	\$163.47	\$199.17
110		\$93.57	\$138.67	\$172.77	\$188.17	\$225.57
116		\$118.05	\$165.61	\$201.57	\$217.81	\$257.25
121		\$138.45	\$188.06	\$225.57	\$242.51	\$283.65

CHEMICAL USE ASSUMPTIONS FOR 110 BUSHEL CORN					
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH
HERBICIDES					
metolachlor+atrazine (Bicep)	QT	2.00	\$9.38	\$18.76	APRIL
nicosulfuron+rimsulfuron+atrazine (Basis)	OZ	12.00	\$1.19	\$14.32	MAY
INSECTICIDES					
TOTAL:				\$33.08	

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