



CORN- NO TILL- NC, Tide Water 2009

ESTIMATED COSTS AND RETURNS PER ACRE, 2009
130 BUSHEL YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
CORN	BU	130.00	\$4.80	\$624.00	_____
TOTAL RECEIPTS:				\$624.00	_____
2. VARIABLE COSTS					
SEED	THOU.	30.00	\$2.81	\$84.30	_____
FERTILIZER					
NITROGEN	LBS	150.00	\$0.74	\$111.00	_____
PHOSPHATE	LBS	60.00	\$1.24	\$74.40	_____
POTASH	LBS	75.00	\$0.23	\$17.25	_____
LIME (PRORATED)	TON	0.33	\$43.00	\$14.19	_____
HERBICIDES	ACRE	1.00	\$66.70	\$66.70	_____
INSECTICIDES	ACRE	1.00	\$23.00	\$23.00	_____
HAULING	BU	130.00	\$0.00	\$0.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$33.77	\$33.77	_____
LABOR	HRS	3.13	\$8.85	\$27.70	_____
INTEREST ON OP. CAP.	DOL.	\$200.81	9.25%	\$18.57	_____
TOTAL VARIABLE COSTS:				\$470.88	_____
3. INCOME ABOVE VARIABLE COSTS:				\$153.12	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$47.37	\$47.37	_____
TOTAL FIXED COSTS:				\$47.37	_____
5. TOTAL COSTS:				\$518.25	_____
6. NET RETURNS TO LAND, RISK, AND MANAGEMENT:				\$105.75	_____

<u>BREAK-EVEN YIELD</u>			<u>BREAK-EVEN PRICE</u>		
VARIABLE COSTS	98	LBS	VARIABLE COSTS		\$3.62
TOTAL COSTS	108	LBS	TOTAL COSTS		\$3.99

*NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY

CORN FOR GRAIN- NO TILL- Coastal Plain region, NC						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 130 BUSHEL CORN						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
4	PLANTER NO-TILL 8R30	1.00	0.10	0.09	\$4.66	\$4.74
3,5,5	PULL TYPE SPRAYER	3.00	0.59	0.54	\$6.99	\$8.43
8	GRAIN CART	1.00	0.46	0.42	\$8.80	\$11.80
8	COMBINE LARGE W/ HEADER	1.00	0.24	0.22	\$13.32	\$22.40
PER ACRE TOTALS FOR SELECTED OPERATIONS			1.39	1.27	\$33.77	\$47.37
UNALLOCATED LABOR(HRS./AC.)			1.74			

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES					
YIELD	PRICE (\$/bu)				
BU	\$4.08	\$4.49	\$4.80	\$4.94	\$5.28
117	\$6.48	\$54.45	\$90.72	\$107.10	\$146.88
124	\$35.04	\$85.88	\$124.32	\$141.68	\$183.84
130	\$59.52	\$112.82	\$153.12	\$171.32	\$215.52
137	\$88.08	\$144.25	\$186.72	\$205.90	\$252.48
143	\$112.56	\$171.19	\$215.52	\$235.54	\$284.16

CHEMICAL USE ASSUMPTIONS FOR 130 BUSHEL CORN					
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH
HERBICIDES					
metolachlor+atrazine (Bicep)	QT	1.50	\$9.38	\$14.07	APRIL
ametryn (Evik)	LB	2.00	\$7.38	\$14.76	APRIL
glyphosate (generic)	OZ	16.00	\$0.30	\$4.88	APRIL
atrazine (Aatrex)	QT	1.00	\$4.17	\$4.17	MAY
nicosulfuron (Accent)	OZ	0.75	\$38.42	\$28.82	MAY
INSECTICIDES					
terbufos (Counter)	LB	10.00	\$2.30	\$23.00	MAY
TOTAL:				\$89.70	

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