



CORN- NO 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	140.00	\$0.74	\$103.60	_____
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	\$45.96	\$45.96	_____
TRACTOR/MACHINERY	ACRE	1.00	\$23.22	\$23.22	_____
LABOR	HRS	0.87	\$8.85	\$7.70	_____
INTEREST ON OP. CAP.	DOL.	\$166.60	9.25%	\$15.41	_____
TOTAL VARIABLE COSTS:				\$356.31	_____
3. INCOME ABOVE VARIABLE COSTS:				\$171.69	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$33.14	\$33.14	_____
TOTAL FIXED COSTS:				\$33.14	_____
5. TOTAL COSTS:				\$389.45	_____
6. NET RETURNS TO LAND, RISK, AND MANAGEMENT:				\$138.55	_____

<u>BREAK-EVEN YIELD</u>		<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	74 LBS	VARIABLE COSTS	\$3.24
TOTAL COSTS	81 LBS	TOTAL COSTS	\$3.54

*NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY

CORN FOR GRAIN- NO TILL- Coastal Plain region, NC						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 110 BUSHEL CORN						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
4	PLANTER 4-ROW	1.00	0.20	0.18	\$4.38	\$4.05
4,5	HIBOY (60 FT BOOM)	2.00	0.09	0.08	\$3.34	\$3.16
8	COMBINE W/ HEADER	1.00	0.33	0.30	\$14.06	\$23.65
8	TRUCK 1.5 TON	1.00	0.25	0.23	\$1.44	\$2.28
PER ACRE TOTALS FOR SELECTED OPERATIONS			0.87	0.79	\$23.22	\$33.14
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	\$47.61	\$88.20	\$118.89	\$132.75	\$166.41
105	\$72.09	\$115.14	\$147.69	\$162.39	\$198.09
110	\$92.49	\$137.59	\$171.69	\$187.09	\$224.49
116	\$116.97	\$164.53	\$200.49	\$216.73	\$256.17
121	\$137.37	\$186.98	\$224.49	\$241.43	\$282.57

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
atrazine (Aatrex)	QT	0.75	\$4.17	\$3.13	APRIL
glyphosate (generic)	OZ	32.00	\$0.30	\$9.75	APRIL
nicosulfuron+rimsulfuron+atrazine (Basis	OZ	12.00	\$1.19	\$14.32	MAY
INSECTICIDES					
TOTAL:				\$45.96	

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