



CORN-NO TILL- NC, Piedmont 2009

ESTIMATED COSTS AND RETURNS PER ACRE, 2009
100 BUSHEL YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
CORN	BU	100.00	\$4.80	\$480.00	_____
TOTAL RECEIPTS:				\$480.00	_____
2. VARIABLE COSTS					
SEED	THOU.	20.00	\$2.81	\$56.20	_____
FERTILIZER					
NITROGEN	LBS	120.00	\$0.74	\$88.80	_____
PHOSPHATE	LBS	30.00	\$1.24	\$37.20	_____
POTASH	LBS	30.00	\$0.23	\$6.90	_____
LIME (PRORATED)	TON	0.33	\$43.00	\$14.19	_____
HERBICIDES	ACRE	1.00	\$48.18	\$48.18	_____
DRYING (3 POINT)	BU	100.00	\$0.00	\$0.00	_____
HAULING	BU	100.00	\$0.00	\$0.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$32.80	\$32.80	_____
LABOR	HRS	1.18	\$8.85	\$10.44	_____
INTEREST ON OP. CAP.	DOL.	\$142.14	9.25%	\$13.15	_____
TOTAL VARIABLE COSTS:				\$307.86	_____
3. INCOME ABOVE VARIABLE COSTS:				\$172.14	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$42.26	\$42.26	_____
TOTAL FIXED COSTS:				\$42.26	_____
5. TOTAL COSTS:				\$350.12	_____
6. NET RETURNS TO LAND, RISK, AND MANAGEMENT:				\$129.88	_____

<u>BREAK-EVEN YIELD</u>			<u>BREAK-EVEN PRICE</u>		
VARIABLE COSTS	64	LBS	VARIABLE COSTS		\$3.08
TOTAL COSTS	73	LBS	TOTAL COSTS		\$3.50

*NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY

CORN FOR GRAIN- NO TILL- Piedmont region- NC						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 100 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
3,4,5	HIBOY (30 FT BOOM)	4.00	0.40	0.36	\$12.92	\$12.28
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			1.18	1.07	\$32.80	\$42.26
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
90	\$59.34	\$96.24	\$124.14	\$136.74	\$167.34
95	\$79.74	\$118.69	\$148.14	\$161.44	\$193.74
100	\$100.14	\$141.14	\$172.14	\$186.14	\$220.14
105	\$120.54	\$163.59	\$196.14	\$210.84	\$246.54
110	\$140.94	\$186.04	\$220.14	\$235.54	\$272.94

CHEMICAL USE ASSUMPTIONS FOR 100 BUSHEL CORN					
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH
HERBICIDES					
metolachlor+atrazine (Bicep)	QT	2.00	\$9.38	\$18.76	MARCH
paraquat (Gramoxone Extra)	PT	1.50	\$3.57	\$5.35	MARCH
nicosulfuron+rimsulfuron+atrazine (Basis)	OZ	12.00	\$1.19	\$14.32	APRIL
glyphosate (generic)	OZ	32.00	\$0.30	\$9.75	APRIL
INSECTICIDES					
TOTAL:				\$48.18	

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