



# CORN- CONVENTIONAL 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
<b>1. GROSS RECEIPTS</b>					
CORN	BU	130.00	\$4.80	\$624.00	_____
TOTAL RECEIPTS:				<b>\$624.00</b>	_____
<b>2. VARIABLE COSTS</b>					
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	\$27.99	\$27.99	_____
TRACTOR/MACHINERY	ACRE	1.00	\$46.20	\$46.20	_____
LABOR	HRS	1.86	\$8.85	\$16.46	_____
INTEREST ON OP. CAP.	DOL.	\$187.67	9.25%	\$17.36	_____
TOTAL VARIABLE COSTS:				<b>\$409.15</b>	_____
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				<b>\$214.85</b>	_____
<b>4. FIXED COSTS</b>					
TRACTOR/MACHINERY	ACRE	1.00	\$55.94	\$55.94	_____
TOTAL FIXED COSTS:				<b>\$55.94</b>	_____
<b>5. TOTAL COSTS:</b>				<b>\$465.09</b>	_____
<b>6. NET RETURNS TO LAND, RISK, AND MANAGEMENT:</b>				<b>\$158.91</b>	_____

<u>BREAK-EVEN YIELD</u>		<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	85 LBS	VARIABLE COSTS	\$3.15
TOTAL COSTS	97 LBS	TOTAL COSTS	\$3.58

\*NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY

<b>CORN FOR GRAIN- CONVENTIONAL TILL- Coastal Plain region, NC</b>						
<b>PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 130 BUSHEL CORN</b>						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
4	TANDEM DISK	3.00	0.99	0.90	\$15.18	\$12.12
4	PLANTER 8R30	1.00	0.10	0.09	\$3.88	\$4.86
5	HIBOY (90 FT BOOM)	2.00	0.07	0.06	\$5.02	\$4.76
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			1.86	1.69	\$46.20	\$55.94
UNALLOCATED LABOR(HRS./AC.)						

<b>INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES</b>						
YIELD		PRICE (\$/bu)				
BU		\$4.08	\$4.49	\$4.80	\$4.94	\$5.28
117		\$68.21	\$116.18	\$152.45	\$168.83	\$208.61
124		\$96.77	\$147.61	\$186.05	\$203.41	\$245.57
130		\$121.25	\$174.55	\$214.85	\$233.05	\$277.25
137		\$149.81	\$205.98	\$248.45	\$267.63	\$314.21
143		\$174.29	\$232.92	\$277.25	\$297.27	\$345.89

<b>CHEMICAL USE ASSUMPTIONS FOR 130 BUSHEL CORN</b>						
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH	
<b>HERBICIDES</b>						
metolachlor+atrazine (Bicep)	QT	1.50	\$9.38	\$14.07	APRIL	
atrazine (Aatrex)	QT	1.00	\$4.17	\$4.17	APRIL	
glyphosate (generic)	OZ	32.00	\$0.30	\$9.75	MAY	
<b>INSECTICIDES</b>						
TOTAL:				\$27.99		

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