

NC STATE UNIVERSITY

CORN ORGANIC PRODUCTION

ESTIMATED COSTS AND RETURNS PER ACRE
75 BUSHEL YIELD, 2012

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
CORN	BU.	75.00	\$10.00	\$750.00	_____
TOTAL RECEIPTS:				\$750.00	_____
2. VARIABLE COSTS					
SEED	THOU	28.00	\$2.13	\$59.64	_____
FERTILIZER					
LIME (PRORATED)	TON	0.33	\$50.00	\$16.50	_____
CHICKEN LITTER	TON	3.50	\$36.00	\$126.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$46.94	\$46.94	_____
DRYING	BU.	0.00	\$0.12	\$0.00	_____
COVER CROP	BU.	2.00	\$48.00	\$96.00	_____
HAULING	BU.	75.00	\$0.35	\$26.25	_____
STORAGE	BU.	75.00	\$0.20	\$15.00	_____
LABOR	HRS	4.41	\$9.30	\$41.01	_____
INTEREST ON OP. CAP.	DOL.	53.29	45.00%	\$23.98	_____
TOTAL VARIABLE COSTS:				\$451.32	_____
3. INCOME ABOVE VARIABLE COSTS:				\$298.68	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$47.21	\$47.21	_____
**TRANSITION COSTS	ACRE	1.00	\$35.62	\$35.62	_____
**ORGANIC CERTIFICATION	ACRE	1.00	\$11.00	\$11.00	_____
TOTAL FIXED COSTS:				\$93.83	_____
6. TOTAL COSTS:				\$545.15	_____
7. NET RETURNS TO LAND, RISK AND MANAGEMENT:				\$204.85	_____

<u>BREAK-EVEN YIELD</u>		<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	45 BU.	VARIABLE COSTS	\$6.02
TOTAL COSTS	55 BU.	TOTAL COSTS	\$7.27

* PLEASE NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY.

**TRANSITION COST IS THREE YEAR PERIOD OF CONVERSION

FROM CONVENTION PRODUCTION TO ORGANIC AMORTIZED AT 5% FOR 10 YEARS

CHICKEN LITTER PRICE INCLUDES COST OF TRANSPORTATION AND \$6/ACRE SPREADING

CORN ORGANIC PRODUCTION

PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 75 BUSHEL CORN						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
3	HEAVY DISK 16'	2.00	0.26	0.24	\$9.04	\$7.68
4,5	CULTIVATOR 6R30	2.00	0.31	0.28	\$7.40	\$4.44
5	PLANTER 6R30	1.00	0.13	0.12	\$3.51	\$3.05
5,6	SPRING TOOTH	3.00	0.36	0.33	\$3.57	\$2.43
10	COMBINE W/ HEADER	1.00	0.33	0.30	\$13.85	\$20.29
10	HEAVY DISK 16'	1.00	0.13	0.12	\$4.52	\$3.84
10	TRUCK 1.5 TON	1.00	0.25	0.23	\$1.44	\$2.00
10	GRAIN DRILL 16'	1.00	0.14	0.13	\$3.61	\$3.48
PER ACRE TOTALS FOR SELECTED OPERATIONS			1.91	1.75	46.94	47.21
UNALLOCATED LABOR(HRS./AC.)			2.50			

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES					
YIELD	PRICE (\$/bu.)				
BU.	\$9.00	\$9.50	\$10.00	\$10.50	\$11.00
68	\$156.18	\$189.93	\$223.68	\$257.43	\$291.18
71	\$189.93	\$225.56	\$261.18	\$296.81	\$332.43
75	\$223.68	\$261.18	\$298.68	\$336.18	\$373.68
79	\$257.43	\$296.81	\$336.18	\$375.56	\$414.93
83	\$291.18	\$332.43	\$373.68	\$414.93	\$456.18