

Corn, Organic - 2024

<https://cals.ncsu.edu/are-extension/business-planning-and-operations/enterprise-budgets/>

ESTIMATED COSTS AND RETURNS PER ACRE, 2024- LAND RENT NOT INCLUDED
USE BLUE NUMBERS TO UPDATE BASED ON YOUR FARM RETURNS AND COST
100 BUSHEL YIELD, AVERAGE

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
CORN	BU.	100	\$7.80	\$780.00	_____
TOTAL RECEIPTS:				\$780.00	_____
2. VARIABLE COSTS					
CORN SEED	THOU.	34	\$2.35	\$79.90	_____
FERTILIZER					
POULTRY LITTER	TON	3.5	\$45.00	\$157.50	_____
LIME SPREAD	TON	0.33	\$85.00	\$28.05	_____
DRYING (3 POINTS)	BU.	100	\$0.14	\$14.00	_____
HAULING	BU.	100	\$0.60	\$60.00	_____
STORAGE	BU.	100	\$0.80	\$80.00	_____
TRACTOR/MACHINERY	ACRE	1	\$74.16	\$74.16	_____
COVER CROP	BU.	2	\$48.00	\$96.00	_____
CONSULTING SERVICES	ACRE	1	\$45.00	\$45.00	_____
MACHINE LABOR	HRS	2.34	\$15.81	\$37.00	_____
HAND WEEDING	HRS	3	\$15.81	\$47.43	_____
INTEREST ON OP. CAP.	DOL.	\$282.52	8.5%	\$24.01	_____
CERTIFICATION ASSESSMENT	DOL.	\$780.00	5.0%	\$39.00	_____
TOTAL VARIABLE COSTS:				\$782.05	_____
3. INCOME ABOVE VARIABLE COSTS:				-\$2.05	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1	\$187.85	\$187.85	_____
TOTAL FIXED COSTS:				\$187.85	_____
5. OTHER COSTS					
GENERAL OVERHEAD	DOL.	\$782.05	7.0%	\$54.74	_____
TOTAL OTHER COSTS:				\$54.74	_____
6. TOTAL COSTS:				\$1,024.64	_____
7. NET RETURNS TO LAND, RISK, AND MANAGEMENT:				-\$244.64	_____

BREAK-EVEN YIELD

VARIABLE COSTS
TOTAL COSTS

100 BU.
131 BU.

BREAK-EVEN PRICE

VARIABLE COSTS
TOTAL COSTS

\$7.82
\$10.25

* PLEASE NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY, NO LAND RENT IS INCLUDED

*EACH GROWER SHOULD CALCULATE THEIR COST BASED ON THEIR PRICE OF INPUTS AND LOCATION

*FERTILIZER IS PRICED ON A PER POUND BASIS WITH NO ADJUSTMENTS FOR NUTRIENT COST PER LB

*FIXED COST OF ORGANIC TRANSITION IS NOT INCLUDED

CORN FOR GRAIN - ORGANIC**PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 100 BUSHEL CORN**

MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
3,10	HEAVY DISK 20'	3	0.36	0.30	\$16.17	\$52.98
5	PLANTER 16-ROW	1	0.14	0.12	\$7.75	\$44.13
5	COMBINE LARGE W/ HEADER 30'	1	0.14	0.12	\$42.80	\$76.16
5	GRAIN CART 2000	1	0.12	0.10	\$5.70	\$10.26
10	TRUCK 1.5 TON	1	0.28	0.23	\$1.74	\$4.32
PER ACRE TOTALS FOR SELECTED OPERATIONS			1.04	0.87	\$74.16	\$187.85
UNALLOCATED LABOR(HRS./AC.)			1.3			

CORN INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES

YIELD	PRICE (\$/bu.)				
BU.	\$7.02	\$7.41	\$7.80	\$8.19	\$8.58
50	(394.46)	(374.96)	(355.46)	(335.96)	(316.46)
75	(237.66)	(208.41)	(179.16)	(149.91)	(120.66)
100	(80.87)	(41.87)	(2.87)	36.13	75.13
125	75.93	124.68	173.43	222.18	270.93
150	232.73	291.23	349.73	408.23	466.73