

# Wheat-Food Grade, 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  
 43 BUSHEL YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
<b>1. GROSS RECEIPTS</b>					
WHEAT	BU.	43	\$16.45	\$707.35	_____
TOTAL RECEIPTS:				<b>\$707.35</b>	_____
<b>2. VARIABLE COSTS</b>					
WHEAT SEED	MIL	2.5	\$47.50	\$118.75	_____
FERTILIZER					
POULTRY LITTER	TON	1.5	\$45.00	\$67.50	_____
LIME	TON	0.33	\$85.00	\$28.05	_____
DRYING	BU.	43	\$0.12	\$5.16	_____
COVER CROP	ACRE	0	\$0.00	\$0.00	_____
STORAGE	BU.	43	\$0.00	\$0.00	_____
HAULING	BU.	43	\$0.60	\$25.80	_____
CONSULTING SERVICES	ACRE	1	\$45.00	\$45.00	_____
TRACTOR/MACHINERY	ACRE	1	\$122.73	\$122.73	_____
MACHINE LABOR	HRS	3.15	\$15.81	\$49.80	_____
HAND WEEDING	HRS	1.5	\$15.81	\$23.72	_____
CERTIFICATION ASSESSMENT	DOL.	\$707.35	5.0%	\$35.37	_____
INTEREST ON OP. CAP.	DOL.	\$171.10	8.5%	\$14.54	_____
TOTAL VARIABLE COSTS:				<b>\$536.42</b>	_____
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				<b>\$170.93</b>	_____
<b>4. FIXED COSTS</b>					
TRACTOR/MACHINERY	ACRE	1	\$236.42	\$236.42	_____
TOTAL FIXED COSTS:				<b>\$236.42</b>	_____
<b>5. OTHER COSTS</b>					
GENERAL OVERHEAD	DOL.	\$536.42	7.0%	\$37.55	_____
TOTAL OTHER COSTS:				<b>\$37.55</b>	_____
<b>6. TOTAL COSTS:</b>				<b>\$810.39</b>	_____
<b>7. NET RETURNS TO LAND, RISK, AND MANAGEMENT:</b>				<b>-\$103.04</b>	_____

**BREAK-EVEN YIELD**

VARIABLE COSTS  
 TOTAL COSTS

32 BU.  
 50 BU.

**BREAK-EVEN PRICE**

VARIABLE COSTS  
 TOTAL COSTS

\$12.47  
 \$18.85

\* 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

**WHEAT FOR GRAIN MACHINERY COST REFERENCE- ORGANIC****PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 53 BUSHEL WHEAT**

MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
11	HEAVY DISK 20'	3	0.36	0.30	\$16.17	\$52.98
11	GRAIN DRILL 16'	1	0.16	0.13	\$3.96	\$10.32
6	GRAIN CART 1100	2	0.31	0.26	\$15.26	\$16.48
11,6	COMBINE LARGE W/ HEADER 30'	2	0.29	0.24	\$85.60	\$152.32
6	TRUCK 1.5 TON	1	0.28	0.23	\$1.74	\$4.32
PER ACRE TOTALS FOR SELECTED OPERATIONS			1.4	1.16	122.73	236.42
UNALLOCATED LABOR(HRS./AC.)			1.75			

**INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES**

YIELD	PRICE (\$/bu.)				
BU.	\$14.81	\$15.63	\$16.45	\$17.27	\$18.10
39	43.57	75.55	107.53	139.51	171.88
41	71.99	105.61	139.23	172.85	206.88
43	100.41	135.67	170.93	206.19	241.88
45	128.83	165.73	202.63	239.53	276.88
47	157.25	195.79	234.33	272.87	311.88