

**WHEAT CONVENTIONAL TILLAGE, 60 BUSHEL YIELD
ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16ROW EQUIPMENT)**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>YOUR FARM</u>
REVENUE						
WHEAT(1)	GRAIN	BU.	60	\$6.25	\$375.00	_____
VARIABLE EXPENSES						
SEED	TREATED/FUNGICIDE	BU.	2	\$21.00	\$42.00	_____
SEED TREATMENT (2)	INSECTICIDE	AC.	1	\$12.00	\$12.00	_____
FERTILIZER	N (AN)	LB.	80	\$0.68	\$54.40	_____
	P2O5	LB.	40	\$0.51	\$20.40	_____
	K2O	LB.	20	\$0.54	\$10.80	_____
	LIME APPLICATION	TON	0.5	\$35.00	\$17.50	_____
LIME	LIME APPLICATION	TON	0.5	\$35.00	\$17.50	_____
HERBICIDE	HARMONY EXTRA	OZ.	0.5	\$10.88	\$5.44	_____
	OSPREY	OZ.	2.75	\$3.07	\$8.44	_____
	SURFACTANT (80% Act.)	PT.	0.1	\$2.58	\$0.26	_____
FUNGICIDE(3)	FOLIAR FUNGICIDE	AC.	1	\$17.40	\$17.40	_____
MACHINERY REPAIR		AC.	1	\$21.83	\$21.83	_____
MACHINERY FUEL	DIESEL @ \$3.50/GALLON	AC.	1	\$27.60	\$27.60	_____
CROP INSURANCE		AC.	1	\$0.00	\$0.00	_____
OPERATING CAPITAL	8 MONTHS	AC.	\$238.08	6.00%	\$9.52	_____
TOTAL VARIABLE EXPENSES					\$247.60	_____
RETURN ABOVE VARIABLE EXPENSES					\$127.40	_____
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1	\$33.16	\$33.16	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$13.02	\$13.02	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					\$81.22	_____
LABOR EXPENSES						
LABOR		HR.	0.94	\$9.75	\$9.16	_____
RETURN TO LAND, MANAGEMENT, AND RISK					\$72.06	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

FOOTNOTES

(1) IF A MARKET FOR STRAW IS AVAILABLE, ADD AN APPROPRIATE AMOUNT TO RETURN TO LAND, MANAGEMENT, AND RISK, BASED ON THE EXPECTED YIELD AND PRICE OF THE STRAW, LESS HARVEST AND MARKETING COSTS.

(2) ADDITIONAL SEED TREATMENT IS TO PROTECT AGAINST BARLEY YELLOW DWARF VIRUS.

(3) COST MAY VARY DEPENDING ON FUNGICIDE USED AND APPLICATION RATE PER ACRE.

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:
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**WHEAT CONVENTIONAL TILLAGE, 60 BUSHEL YIELD
ESTIMATED LABOR, POWER AND MACHINERY INPUTS, (12/16-ROW EQUIPMENT)**

MONTH	OPERATION	EQUIPMENT	HOURS PER ACRE	
			MACHINE	LABOR
OCT-NOV	CHISEL	CHISEL PLOW, 21'	0.09	0.12
	DISK & HARROW	TANDEM DISK, 29'	0.06	0.07
	PREPARE SEEDBED	DO-ALL, 26.5'	0.09	0.11
	PLANT	GRAIN DRILL, 20'	0.12	0.15
MAR-APR	SPRAY FUNGICIDE	SP BOOM SPRAYER, 90'	0.01	0.01
	SPRAY HERBICIDE	SP BOOM SPRAYER, 90'	0.01	0.01
	SPREAD FERTILIZER	215HP TRACTOR	0.07	0.08
MAY-JUN	HARVEST	COMBINE, 30' HEADER	0.10	0.13
	HAUL, IN FIELD	GRAIN CART	0.10	0.13
	HAUL	SEMI TRACTOR/TRAILER	0.10	0.13
			TOTAL	0.94

MACHINE	HOURS PER ACRE	-----INTEREST COST-----		-COST PER HOUR-		-----COST PER ACRE-----			
		PER HOUR	PER ACRE	F.C.	V.C.	FIXED	REPAIR	FUEL	VAR
TRACTOR, 215HP	0.53	\$8.45	\$4.44	\$15.80	\$55.69	\$8.31	\$8.21	\$21.06	\$29.28
COMBINE	0.10	\$30.00	\$3.08	\$96.46	\$80.81	\$9.90	\$4.10	\$4.19	\$8.29
GRAIN HEADER	0.10	\$5.45	\$0.56	\$33.98	\$21.80	\$3.49	\$2.24	\$0.00	\$2.24
SEMI T/T	0.10	\$4.20	\$0.43	\$11.57	\$22.59	\$1.19	\$0.72	\$1.60	\$2.32
CHISEL PLOW	0.09	\$4.51	\$0.42	\$9.98	\$7.50	\$0.92	\$0.69	\$0.00	\$0.69
DISK	0.06	\$10.00	\$0.59	\$22.25	\$13.30	\$1.32	\$0.79	\$0.00	\$0.79
GRAIN DRILL	0.12	\$14.55	\$1.71	\$32.26	\$24.25	\$3.80	\$2.86	\$0.00	\$2.86
SPRAYER	0.02	\$46.73	\$0.95	\$100.82	\$97.79	\$2.05	\$1.24	\$0.75	\$1.99
DO-ALL	0.09	\$6.03	\$0.52	\$13.55	\$5.35	\$1.17	\$0.46	\$0.00	\$0.46
GRAIN CART	0.10	\$3.05	\$0.31	\$9.89	\$5.08	\$1.01	\$0.52	\$0.00	\$0.52

TOTAL \$13.02 \$33.16 \$21.83 \$27.60 \$49.44

--- PLEASE NOTE: TOTALS MAY BE DIFFERENT DUE TO ROUNDING. ---

**BREAKEVEN CALCULATIONS
(BASED ON THE PREVIOUS PAGE'S BUDGET)**

	<u>PRICE/BU</u>	<u>BREAKEVEN YIELD/AC</u>
BREAKEVEN YIELD TO COVER VAR EXPENSES AT A PRICE/BU OF.....	\$6.25	39.6
BREAKEVEN YIELD TO COVER ALL EXPENSES EXCEPT FOR LAND, MANAGEMENT AND RISK AT A PRICE OF.....	\$6.25	48.5

	<u>YIELD/AC</u>	<u>BREAKEVEN PRICE/BU</u>
BREAKEVEN PRICE TO COVER VAR EXPENSES AT A YIELD/AC OF.....	60	\$4.13
BREAKEVEN PRICE TO COVER ALL EXPENSES EXCEPT FOR LAND, MANAGEMENT AND RISK AT A YIELD OF.....	60	\$5.05