



WHEAT for GRAIN Conventional 2009

ESTIMATED COSTS AND RETURNS PER ACRE, 2009
50 BUSHEL YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
WHEAT	BU.	50.00	\$6.50	\$325.00	_____
TOTAL RECEIPTS:				\$325.00	_____
2. VARIABLE COSTS					
SEED (CERTIFIED)	BU.	2.00	\$15.00	\$30.00	_____
FERTILIZER					
NITROGEN	LBS	90.00	\$0.74	\$66.60	_____
PHOSPHATE	LBS	40.00	\$1.24	\$49.60	_____
POTASH	LBS	60.00	\$0.23	\$13.80	_____
LIME (PRORATED)	TON	0.33	\$43.00	\$14.19	_____
HERBICIDES	ACRE	1.00	\$5.92	\$5.92	_____
INSECTICIDES	ACRE	1.00	\$4.23	\$4.23	_____
FUNGICIDES	ACRE	1.00	\$6.72	\$6.72	_____
AERIAL APPLICATION	APPL	1.00	\$3.50	\$3.50	_____
HAULING	BU.	50.00	\$0.15	\$7.50	_____
TRACTOR/MACHINERY	ACRE	1.00	\$40.73	\$40.73	_____
LABOR	HRS	1.04	\$8.85	\$9.20	_____
INTEREST ON OP. CAP.	DOL.	\$115.90	9.25%	\$10.72	_____
TOTAL VARIABLE COSTS:				\$262.71	_____
3. INCOME ABOVE VARIABLE COSTS:				\$62.29	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$48.81	\$48.81	_____
TOTAL FIXED COSTS:				\$48.81	_____
5. TOTAL COSTS:				\$311.52	_____
6. NET RETURNS TO LAND, RISK, AND MANAGEMENT:				\$13.48	_____

<u>BREAK-EVEN YIELD</u>		<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	39 BU.	VARIABLE COSTS	\$5.25
TOTAL COSTS	48 BU.	TOTAL COSTS	\$6.23

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

WHEAT FOR GRAIN						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 50 BUSHEL WHEAT						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
10	FERTILIZER SPREADER	1.00	0.13	0.12	\$2.08	\$4.25
11	BROADCAST DEEP TILLAGE	1.00	0.26	0.24	\$10.74	\$8.30
11	HEAVY DISK 16'	1.00	0.13	0.12	\$4.44	\$3.88
11	GRAIN DRILL NO-TILL 16'	1.00	0.12	0.11	\$4.39	\$3.97
1&2	HIBOY (90 FT BOOM)	2.00	0.07	0.06	\$5.02	\$4.76
6	COMBINE W/ HEADER	1.00	0.33	0.30	\$14.06	\$23.65
PER ACRE TOTALS FOR SELECTED OPERATIONS			1.04	0.95	\$40.73	\$48.81
UNALLOCATED LABOR(HRS./AC.)						

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES					
YIELD	PRICE (\$/lbs)				
LBS.	\$5.85	\$6.18	\$6.50	\$6.83	\$7.15
45	\$1.29	\$16.14	\$30.54	\$45.39	\$59.79
48	\$18.39	\$34.23	\$49.59	\$65.43	\$80.79
50	\$29.79	\$46.29	\$62.29	\$78.79	\$94.79
53	\$46.89	\$64.38	\$81.34	\$98.83	\$115.79
55	\$58.29	\$76.44	\$94.04	\$112.19	\$129.79

CHEMICAL USE ASSUMPTIONS FOR 50 BUSHEL WHEAT					
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH
HERBICIDES:					
thifensulfuron+tribenuron-methyl (Harmony OZ)		0.50	\$11.83	\$5.92	JAN
INSECTICIDES:					
lambda-cyhalothrin (Karate)	OZ	2.50	\$1.69	\$4.23	APR
FUNGICIDES:					
propiconazole (Tilt)	OZ	4.00	\$1.68	\$6.72	APR
TOTAL:				\$16.87	

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