

Wheat, Conventional-2021

ESTIMATED COSTS AND RETURNS PER ACRE, 2021
56 BUSHEL YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
WHEAT	BU.	56.00	\$5.83	\$326.48	_____
TOTAL RECEIPTS:				\$326.48	_____
2. VARIABLE COSTS					
SEED (CERTIFIED)	BU.	2.00	\$22.50	\$45.00	_____
FERTILIZER					
NITROGEN (30%)	LBS	233	\$0.14	\$32.67	_____
PHOSPHATE (0-46-0)	LBS	61	\$0.26	\$15.83	_____
POTASH (0-0-60)	LBS	35	\$0.21	\$7.35	_____
LIME (PRORATED)	TON	0.33	\$54.50	\$17.99	_____
HERBICIDES	ACRE	1.00	\$11.41	\$11.41	_____
FUNGICIDES	ACRE	1.00	\$7.06	\$7.06	_____
INSECTICIDES	ACRE	1.00	\$3.73	\$3.73	_____
AERIAL APPLICATION	APPL	1.00	\$9.00	\$9.00	_____
HAULING	BU.	56.00	\$0.25	\$14.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$23.13	\$23.13	_____
LABOR	HRS	1.62	\$12.67	\$20.53	_____
INTEREST ON OP. CAP.	DOL.	\$86.59	2.7%	\$2.36	_____
TOTAL VARIABLE COSTS:				\$210.06	_____
3. INCOME ABOVE VARIABLE COSTS:				\$116.42	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$42.11	\$42.11	_____
TOTAL FIXED COSTS:				\$42.11	_____
5. OTHER COSTS					
GENERAL OVERHEAD	DOL.	\$210.06	5.0%	\$10.50	_____
TOTAL OTHER COSTS:				\$10.50	_____
6. TOTAL COSTS:				\$262.67	_____
7. NET RETURNS TO LAND, RISK, AND MANAGEMENT:				\$63.81	_____

<u>BREAK-EVEN YIELD</u>		<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	35 BU.	VARIABLE COSTS	\$3.75
TOTAL COSTS	45 BU.	TOTAL COSTS	\$4.69

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

WHEAT FOR GRAIN						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 70 BUSHEL WHEAT						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
10	HEAVY DISK 14'	1.00	0.17	0.15	\$3.68	\$4.97
10	TANDOM LIGHT DISK 20'	1.00	0.08	0.07	\$3.81	\$5.15
11	GRAIN DRILL 16'	1.00	0.14	0.13	\$3.24	\$4.57
6	HIBOY 90'	2.00	0.07	0.06	\$1.34	\$14.36
6	COMBINE LARGE W/ HEADER 34'	1.00	0.12	0.11	\$4.15	\$9.50
6	GRAIN CART 1100	1.00	0.14	0.13	\$6.91	\$3.56
PER ACRE TOTALS FOR SELECTED OPERATIONS			0.72	0.65	\$23.13	\$42.11
UNALLOCATED LABOR(HRS./AC.)			0.90			

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES					
YIELD	PRICE (\$/bu.)				
BU.	\$5.25	\$5.54	\$5.83	\$6.12	\$6.41
50	\$53.94	\$68.44	\$82.94	\$97.44	\$111.94
53	\$68.94	\$84.31	\$99.68	\$115.05	\$130.42
56	\$83.94	\$100.18	\$116.42	\$132.66	\$148.90
59	\$98.94	\$116.05	\$133.16	\$150.27	\$167.38
62	\$113.94	\$131.92	\$149.90	\$167.88	\$185.86

CHEMICAL USE ASSUMPTIONS FOR 65 BUSHEL WHEAT					
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH
HERBICIDES:					
thifensulfuron+tribenuron (Harmony GT 75DF)	OZ	0.90	\$12.68	\$11.41	APRIL
FUNGICIDES:					
azoxystrobin (Abound)	OZ	4.00	\$1.76	\$7.06	APRIL
INSECTICIDES:					
lambda-cyhalothrin (Karate-Z)	OZ	2.50	\$1.49	\$3.73	APRIL
TOTAL:				\$22.20	

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