

Estimating 2005 Costs of Production Wheat Following Rice, Silt Loam Soils

AG-822-09-04

Tony E. Windham, Extension Economist - Management
James Marshall, Extension Economist

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Wheat seed - public	lb	0.12	100.0000	12.00	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Cstm ap air fert	lb	0.05	220.0000	11.00	_____
Custom haul	bu	0.15	50.0000	7.50	_____
FERTILIZER & LIME					
Phosphate 0-46-0	lb	0.13	100.0000	13.00	_____
Urea 46%	lb	0.13	220.0000	28.60	_____
OPERATOR LABOR					
Implements	hour	7.26	0.2246	1.63	_____
Tractors	hour	7.26	0.5215	3.78	_____
Self-Propelled Eq.	hour	7.26	0.2275	1.65	_____
DIESEL FUEL					
Tractors	gal	1.20	5.1430	6.17	_____
Self-Propelled Eq.	gal	1.20	1.8746	2.24	_____
REPAIR & MAINTENANCE					
Implements		2.15	1.0000	2.15	_____
Tractors		3.72	1.0000	3.72	_____
Self-Propelled Eq.		3.70	1.0000	3.70	_____
INTEREST ON OP. CAP.		3.16	1.0000	3.16	_____
TOTAL DIRECT EXPENSES				104.34	_____
FIXED EXPENSES					
Implements		4.74	1.0000	4.74	_____
Tractors		8.37	1.0000	8.37	_____
Self-Propelled Eq.		12.41	1.0000	12.41	_____
TOTAL FIXED EXPENSES				25.54	_____
TOTAL SPECIFIED EXPENSES				129.88	_____

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 of race, color, national origin, religion, gender, age, disability, marital or veteran status, or any other legally protected status, and is an Equal Opportunity Employer.

Table 2. Estimated resource use and costs for field operations, per acre, Wheat Following Rice, Silt Loam Soils, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk, medium cut	29.25'	MFWD 225	0.074	2.00	Oct	3.63	3.08	0.91	2.09	0.192	1.39				11.12
Cstm ap grd fert dry	acre			1.00	Oct							1.0000	4.00	4.00	4.00
Phosphate 0-46-0	lb											100.0000	0.13	13.00	13.00
Land float	16'x 56'	MFWD190	0.138	1.00	Oct	2.92	2.56	0.09	0.35	0.179	1.30				7.23
Field cultivator	25.5'	MFWD 170	0.054	1.00	Oct	0.97	0.79	0.20	0.42	0.070	0.50				2.91
Grain drill	20'	MFWD 170	0.118	1.00	Oct	2.13	1.73	0.82	1.66	0.283	2.05				8.41
Wheat seed - public	lb											100.0000	0.12	12.00	12.00
Ditcher, rear mount	3'	2WD 130	1.618	0.01	Oct	0.22	0.18	0.12	0.21	0.021	0.15				0.91
Cstm ap air fert	lb			1.00	Feb							110.0000	0.05	5.50	5.50
Urea 46%	lb											110.0000	0.13	14.30	14.30
Cstm ap air fert	lb			1.00	Mar							110.0000	0.05	5.50	5.50
Urea 46%	lb											110.0000	0.13	14.30	14.30
Combine Wheat	25'		0.182	1.00	Jun			5.94	12.41	0.227	1.65				20.02
Custom haul	bu											50.0000	0.15	7.50	7.50
TOTALS						9.90	8.37	8.10	17.16	0.973	7.06			76.10	126.72
INTEREST ON OPERATING CAPITAL															3.16
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															129.88
132.91															

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Estimating 2005 Costs of Production

Wheat Following Soybeans, Silt Loam Soils

AG-823-09-04

Tony E. Windham, Extension Economist - Management
James Marshall, Extension Economist

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Wheat seed - public	lb	0.12	90.0000	10.80	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Cstm ap air fert	lb	0.05	220.0000	11.00	_____
Cstm ap air herbicid	acre	4.50	1.0000	4.50	_____
Custom haul	bu	0.15	50.0000	7.50	_____
FERTILIZER & LIME					
Phosphate 0-46-0	lb	0.13	100.0000	13.00	_____
Urea 46%	lb	0.13	220.0000	28.60	_____
HERBICIDES					
Harmony Extra	oz	12.23	0.5000	6.11	_____
Surfactant SL(80-20)	pint	1.19	0.2000	0.23	_____
OPERATOR LABOR					
Implements	hour	7.26	0.2098	1.52	_____
Tractors	hour	7.26	0.4401	3.19	_____
Self-Propelled Eq.	hour	7.26	0.2275	1.65	_____
DIESEL FUEL					
Tractors	gal	1.20	4.2004	5.04	_____
Self-Propelled Eq.	gal	1.20	1.8746	2.24	_____
REPAIR & MAINTENANCE					
Implements		1.70	1.0000	1.70	_____
Tractors		3.04	1.0000	3.04	_____
Self-Propelled Eq.		3.70	1.0000	3.70	_____
INTEREST ON OP. CAP.		3.62	1.0000	3.62	_____
TOTAL DIRECT EXPENSES				111.48	_____
FIXED EXPENSES					
Implements		3.70	1.0000	3.70	_____
Tractors		6.83	1.0000	6.83	_____
Self-Propelled Eq.		12.41	1.0000	12.41	_____
TOTAL FIXED EXPENSES				22.95	_____
TOTAL SPECIFIED EXPENSES				134.43	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Wheat Following Soybeans, Silt Loam Soils, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk, medium cut	29.25'	MFWD 225	0.074	1.00	Oct	1.81	1.54	0.45	1.04	0.096	0.69				5.56
Cstm ap grd fert dry	acre			1.00	Oct							1.0000	4.00	4.00	4.00
Phosphate 0-46-0	lb											100.0000	0.13	13.00	13.00
Land float	16'x 56'	MFWD190	0.138	1.00	Oct	2.92	2.56	0.09	0.35	0.179	1.30				7.23
Field cultivator	25.5'	MFWD 170	0.054	1.00	Oct	0.97	0.79	0.20	0.42	0.070	0.50				2.91
Grain drill	20'	MFWD 170	0.118	1.00	Oct	2.13	1.73	0.82	1.66	0.283	2.05				8.41
Wheat seed - public	lb											90.0000	0.12	10.80	10.80
Ditcher, rear mount	3'	2WD 130	1.618	0.01	Oct	0.22	0.18	0.12	0.21	0.021	0.15				0.91
Cstm ap air fert	lb			1.00	Feb							110.0000	0.05	5.50	5.50
Urea 46%	lb											110.0000	0.13	14.30	14.30
Cstm ap air herbicid	acre			1.00	Mar							1.0000	4.50	4.50	4.50
Harmony Extra	oz											0.5000	12.23	6.11	6.11
Surfactant SL(80-20)	pint											0.2000	1.19	0.23	0.23
Cstm ap air fert	lb			1.00	Mar							110.0000	0.05	5.50	5.50
Urea 46%	lb											110.0000	0.13	14.30	14.30
Combine Wheat	25'		0.182	1.00	Jun			5.94	12.41	0.227	1.65				20.02
Custom haul	bu											50.0000	0.15	7.50	7.50
TOTALS						8.08	6.83	7.65	16.12	0.877	6.37			85.75	130.81
INTEREST ON OPERATING CAPITAL															3.62
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															134.43
132.91															

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Estimating 2005 Costs of Production

Wheat Following Soybeans, Clay Soils

AG-824-09-04

Tony E. Windham, Extension Economist - Management
James Marshall, Extension Economist

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Wheat seed - public	lb	0.12	100.0000	12.00	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Cstm ap air fert	lb	0.05	300.0000	15.00	_____
Cstm ap air herbicid	acre	4.50	1.0000	4.50	_____
Custom haul	bu	0.15	50.0000	7.50	_____
FERTILIZER & LIME					
Phosphate 0-46-0	lb	0.13	100.0000	13.00	_____
Urea 46%	lb	0.13	300.0000	39.00	_____
HERBICIDES					
Harmony Extra	oz	12.23	0.5000	6.11	_____
Surfactant SL(80-20)	pint	1.19	0.2000	0.23	_____
OPERATOR LABOR					
Implements	hour	7.26	0.2098	1.52	_____
Tractors	hour	7.26	0.4401	3.19	_____
Self-Propelled Eq.	hour	7.26	0.2275	1.65	_____
DIESEL FUEL					
Tractors	gal	1.20	4.2004	5.04	_____
Self-Propelled Eq.	gal	1.20	1.8746	2.24	_____
REPAIR & MAINTENANCE					
Implements		1.70	1.0000	1.70	_____
Tractors		3.04	1.0000	3.04	_____
Self-Propelled Eq.		3.70	1.0000	3.70	_____
INTEREST ON OP. CAP.		4.36	1.0000	4.36	_____
TOTAL DIRECT EXPENSES				127.82	_____
FIXED EXPENSES					
Implements		3.70	1.0000	3.70	_____
Tractors		6.83	1.0000	6.83	_____
Self-Propelled Eq.		12.41	1.0000	12.41	_____
TOTAL FIXED EXPENSES				22.95	_____
TOTAL SPECIFIED EXPENSES				150.78	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Wheat Following Soybeans, Clay Soils, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
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Phosphate 0-46-0	lb											100.0000	0.13	13.00	13.00
Land float	16'x 56'	MFWD190	0.138	1.00	Oct	2.92	2.56	0.09	0.35	0.179	1.30				7.23
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Ditcher, rear mount	3'	2WD 130	1.618	0.01	Oct	0.22	0.18	0.12	0.21	0.021	0.15				0.91
Cstm ap air fert	lb			1.00	Feb							150.0000	0.05	7.50	7.50
Urea 46%	lb											150.0000	0.13	19.50	19.50
Cstm ap air herbicid	acre			1.00	Mar							1.0000	4.50	4.50	4.50
Harmony Extra	oz											0.5000	12.23	6.11	6.11
Surfactant SL(80-20)	pint											0.2000	1.19	0.23	0.23
Cstm ap air fert	lb			1.00	Mar							150.0000	0.05	7.50	7.50
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Combine Wheat	25'		0.182	1.00	Jun			5.94	12.41	0.227	1.65				20.02
Custom haul	bu											50.0000	0.15	7.50	7.50
TOTALS						8.08	6.83	7.65	16.12	0.877	6.37			101.35	146.41
INTEREST ON OPERATING CAPITAL															4.36
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															150.78
132.91															

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