



## Estimating 2002 Costs of Production

### Wheat, Behind Soybeans, Silt Loam Soils, 2002

AG-647-09-01

**Tony E. Windham, Extension Economist - Management**  
**Jennifer Sills, Extension Associate**

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	bushel	0.15	50.0000	7.50	_____
FERTILIZER & LIME					
Phosphate 0-46-0	lb	0.09	100.0000	9.00	_____
Urea 46%	lb	0.08	220.0000	17.60	_____
HERBICIDES					
Harmony Extra	ounce	10.95	0.5000	5.47	_____
Surfactant SL(80-20)	pint	0.87	0.2000	0.17	_____
OPERATOR LABOR					
Implements	hour	6.39	0.2146	1.37	_____
Tractors	hour	6.39	0.4666	2.98	_____
Self-Propelled Eq.	hour	6.39	0.1904	1.21	_____
DIESEL FUEL					
Tractors	gal	1.09	4.2416	4.62	_____
Self-Propelled Eq.	gal	1.09	2.0033	2.18	_____
REPAIR & MAINTENANCE					
Implements	acre	1.65	1.0000	1.65	_____
Tractors	acre	3.29	1.0000	3.29	_____
Self-Propelled Eq.	acre	3.84	1.0000	3.84	_____
INTEREST ON OP. CAP.	acre	4.03	1.0000	4.03	_____
				-----	
TOTAL DIRECT EXPENSES				95.25	_____
FIXED EXPENSES					
Implements	acre	3.73	1.0000	3.73	_____
Tractors	acre	7.53	1.0000	7.53	_____
Self-Propelled Eq.	acre	11.88	1.0000	11.88	_____
				-----	
TOTAL FIXED EXPENSES				23.15	_____
				-----	
TOTAL SPECIFIED EXPENSES				118.41	_____

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of race, color, national origin, religion, gender, age, or disability, marital or veteran's 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 behind soybeans, silt loam soils, 2002**

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Oct	1.63	1.55	0.44	1.03	0.106	0.68				5.35
Cstm ap grd fert dry	acre			1.00	Oct							1.0000	4.00	4.00	4.00
Phosphate 0-46-0	lb											100.0000	0.09	9.00	9.00
Land float	14'x 50'	MFWD190	0.157	1.00	Oct	3.13	2.97	0.10	0.37	0.204	1.30				7.89
Triple K	26.67'	MFWD190	0.052	1.00	Oct	1.03	0.98	0.26	0.56	0.067	0.43				3.28
Grain drill	20'	MFWD 150	0.118	1.00	Oct	1.89	1.84	0.82	1.68	0.283	1.80				8.05
Wheat seed - public	lb											90.0000	0.12	10.80	10.80
Furrow ditcher	8'	2WD 130	0.380	0.04	Oct	0.20	0.18	0.02	0.07	0.019	0.12				0.60
Cstm ap air fert	lb			1.00	Feb							110.0000	0.05	5.50	5.50
Urea 46%	lb											110.0000	0.08	8.80	8.80
Cstm ap air herbicid	acre			1.00	Mar							1.0000	4.50	4.50	4.50
Harmony Extra	ounce											0.5000	10.95	5.47	5.47
Surfactant SL(80-20)	pint											0.2000	0.87	0.17	0.17
Cstm ap air fert	lb			1.00	Mar							110.0000	0.05	5.50	5.50
Urea 46%	lb											110.0000	0.08	8.80	8.80
Combine, small grain	20'		0.166	1.00	Jun			6.03	11.88	0.190	1.21				19.13
Custom haul	bushel			1.00	Jun							50.0000	0.15	7.50	7.50
TOTALS						7.91	7.53	7.68	15.61	0.871	5.56			70.05	114.37
INTEREST ON OPERATING CAPITAL															4.03
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															118.41

Information presented in this document is prepared so lery as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not name, not does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.



## Estimating 2002 Costs of Production

### Wheat, Behind Soybeans, Clay Soils, 2002

AG-648-09-01

**Tony E. Windham, Extension Economist - Management**  
**Jennifer Sills, Extension Associate**

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	bushel	0.15	45.0000	6.75	_____
FERTILIZER & LIME					
Phosphate 0-46-0	lb	0.09	100.0000	9.00	_____
Urea 46%	lb	0.08	300.0000	24.00	_____
HERBICIDES					
Harmony Extra	ounce	10.95	0.5000	5.47	_____
Surfactant SL(80-20)	pint	0.87	0.2000	0.17	_____
OPERATOR LABOR					
Implements	hour	6.39	0.2146	1.37	_____
Tractors	hour	6.39	0.4666	2.98	_____
Self-Propelled Eq.	hour	6.39	0.1904	1.21	_____
DIESEL FUEL					
Tractors	gal	1.09	4.2416	4.62	_____
Self-Propelled Eq.	gal	1.09	2.0033	2.18	_____
REPAIR & MAINTENANCE					
Implements	acre	1.65	1.0000	1.65	_____
Tractors	acre	3.29	1.0000	3.29	_____
Self-Propelled Eq.	acre	3.84	1.0000	3.84	_____
INTEREST ON OP. CAP.	acre	4.47	1.0000	4.47	_____
				-----	
TOTAL DIRECT EXPENSES				106.54	_____
FIXED EXPENSES					
Implements	acre	3.73	1.0000	3.73	_____
Tractors	acre	7.53	1.0000	7.53	_____
Self-Propelled Eq.	acre	11.88	1.0000	11.88	_____
				-----	
TOTAL FIXED EXPENSES				23.15	_____
				-----	
TOTAL SPECIFIED EXPENSES				129.70	_____

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**Table 2. Estimated resource use and costs for field operations, per acre Wheat behind soybeans, clay soils, 2002**

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Oct	1.63	1.55	0.44	1.03	0.106	0.68					5.35
Cstm ap grd fert dry	acre			1.00	Oct							1.0000	4.00	4.00		4.00
Phosphate 0-46-0	lb											100.0000	0.09	9.00		9.00
Land float	14'x 50'	MFWD190	0.157	1.00	Oct	3.13	2.97	0.10	0.37	0.204	1.30					7.89
Triple K	26.67'	MFWD190	0.052	1.00	Oct	1.03	0.98	0.26	0.56	0.067	0.43					3.28
Grain drill	20'	MFWD 150	0.118	1.00	Oct	1.89	1.84	0.82	1.68	0.283	1.80					8.05
Wheat seed - public	lb											100.0000	0.12	12.00		12.00
Furrow ditcher	8'	2WD 130	0.380	0.04	Oct	0.20	0.18	0.02	0.07	0.019	0.12					0.60
Cstm ap air fert	lb			1.00	Feb							150.0000	0.05	7.50		7.50
Urea 46%	lb											150.0000	0.08	12.00		12.00
Cstm ap air herbicid	acre			1.00	Mar							1.0000	4.50	4.50		4.50
Harmony Extra	ounce											0.5000	10.95	5.47		5.47
Surfactant SL(80-20)	pint											0.2000	0.87	0.17		0.17
Cstm ap air fert	lb			1.00	Mar							150.0000	0.05	7.50		7.50
Urea 46%	lb											150.0000	0.08	12.00		12.00
Combine, small grain	20'		0.166	1.00	Jun			6.03	11.88	0.190	1.21					19.13
Custom haul	bushel			1.00	Jun							45.0000	0.15	6.75		6.75
TOTALS						7.91	7.53	7.68	15.61	0.871	5.56			80.90		125.22
INTEREST ON OPERATING CAPITAL																4.47
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																129.70

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## Estimating 2002 Costs of Production

### Wheat, Behind Rice, Silt Loam Soils, 2002

AG-649-09-01

**Tony E. Windham, Extension Economist - Management**  
**Jennifer Sills, Extension Associate**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Wheat seed - public	lb	0.12	110.0000	13.20	_____
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	bushel	0.15	50.0000	7.50	_____
FERTILIZER & LIME					
Phosphate 0-46-0	lb	0.09	100.0000	9.00	_____
Urea 46%	lb	0.08	220.0000	17.60	_____
OPERATOR LABOR					
Implements	hour	6.39	0.2310	1.47	_____
Tractors	hour	6.39	0.5568	3.55	_____
Self-Propelled Eq.	hour	6.39	0.1904	1.21	_____
DIESEL FUEL					
Tractors	gal	1.09	5.1229	5.58	_____
Self-Propelled Eq.	gal	1.09	2.0033	2.18	_____
REPAIR & MAINTENANCE					
Implements	acre	2.09	1.0000	2.09	_____
Tractors	acre	3.97	1.0000	3.97	_____
Self-Propelled Eq.	acre	3.84	1.0000	3.84	_____
INTEREST ON OP. CAP.	acre	4.08	1.0000	4.08	_____
				-----	
TOTAL DIRECT EXPENSES				90.31	_____
FIXED EXPENSES					
Implements	acre	4.76	1.0000	4.76	_____
Tractors	acre	9.09	1.0000	9.09	_____
Self-Propelled Eq.	acre	11.88	1.0000	11.88	_____
				-----	
TOTAL FIXED EXPENSES				25.74	_____
				-----	
TOTAL SPECIFIED EXPENSES				116.06	_____

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**Table 2. Estimated resource use and costs for field operations, per acre Wheat behind rice, silt loam soils, 2002**

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Oct	1.63	1.55	0.44	1.03	0.106	0.68					5.35
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Oct	1.63	1.55	0.44	1.03	0.106	0.68					5.35
Cstm ap grd fert dry	acre			1.00	Oct							1.00000	4.00	4.00		4.00
Phosphate 0-46-0	lb											100.00000	0.09	9.00		9.00
Land float	14'x 50'	MFWD190	0.157	1.00	Oct	3.13	2.97	0.10	0.37	0.204	1.30					7.89
Triple K	26.67'	MFWD190	0.052	1.00	Oct	1.03	0.98	0.26	0.56	0.067	0.43					3.28
Grain drill	20'	MFWD 150	0.118	1.00	Oct	1.89	1.84	0.82	1.68	0.283	1.80					8.05
Wheat seed - public	lb											110.00000	0.12	13.20		13.20
Furrow ditcher	8'	2WD 130	0.380	0.04	Oct	0.20	0.18	0.02	0.07	0.019	0.12					0.60
Cstm ap air fert	lb			1.00	Feb							110.00000	0.05	5.50		5.50
Urea 46%	lb											110.00000	0.08	8.80		8.80
Cstm ap air fert	lb			1.00	Mar							110.00000	0.05	5.50		5.50
Urea 46%	lb											110.00000	0.08	8.80		8.80
Combine, small grain	20'		0.166	1.00	Jun			6.03	11.88	0.190	1.21					19.13
Custom haul	bushel			1.00	Jun							50.00000	0.15	7.50		7.50
TOTALS						9.55	9.09	8.12	16.65	0.978	6.25			62.30		111.97
INTEREST ON OPERATING CAPITAL																4.08
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																116.06

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