

**Estimating 2004 Costs of Production**

**Wheat Following Soybeans,  
 Silt Loam Soils**

AG-758-10-03

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

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>DIRECT EXPENSES</b>					
<b>CUSTOM SPRAY</b>					
App by Air ( 3 gal)	appl	4.50	1.0000	4.50	_____
<b>FERTILIZERS</b>					
Phosphorus(46% P2O5)	cwt	10.98	1.0000	10.98	_____
Urea, Solid (46% N)	cwt	11.45	2.2000	25.19	_____
<b>HERBICIDES</b>					
Harmony Extra	oz	11.90	0.5000	5.95	_____
<b>CROP SEED</b>					
Wheat Seed Public	lb	0.15	90.0000	13.50	_____
<b>ADJUVANTS</b>					
Surfactant	pt	1.38	0.2000	0.28	_____
<b>CUSTOM FERT/LIME</b>					
Custom Apply Fert	acre	4.00	1.0000	4.00	_____
App Fert by Air	cwt	5.00	2.2000	11.00	_____
<b>CUSTOM HARVEST/HAUL</b>					
Haul Wheat	bu	0.15	50.0000	7.50	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	7.13	0.3910	2.78	_____
Self-Propelled	hour	7.13	0.1200	0.86	_____
<b>HAND LABOR</b>					
Implements	hour	7.13	0.0920	0.66	_____
<b>DIESEL FUEL</b>					
Tractors	gal	0.95	3.7248	3.53	_____
Self-Propelled	gal	0.95	1.3584	1.29	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements		3.09	1.0000	3.09	_____
Tractors		2.89	1.0000	2.89	_____
Self-Propelled		3.80	1.0000	3.80	_____
INTEREST ON OP. CAP.		3.37	1.0000	3.37	_____
<b>TOTAL DIRECT EXPENSES</b>				105.18	_____
<b>FIXED EXPENSES</b>					
Implements		5.56	1.0000	5.56	_____
Tractors		6.50	1.0000	6.50	_____
Self-Propelled		15.67	1.0000	15.67	_____
<b>TOTAL FIXED EXPENSES</b>				27.73	_____
<b>TOTAL SPECIFIED EXPENSES</b>				132.91	_____

**Visit our web site at: <http://www.uaex.edu>**

**Table 2. Estimated resource use and costs for field operations, per acre, Wheat Following Soybeans, Silt Loam Soils, 2004**

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 Harrow	28'	MFWD 225	0.061	1.00	Oct	1.20	1.19	0.70	1.07	0.06	0.43				4.59
Custom Apply Fert	acre			1.00	Oct							1.0000	4.00	4.00	4.00
Phosphorus(46% P2O5)	cwt											1.0000	10.98	10.98	10.98
Land Plane	50'x16'	MFWD 190	0.159	1.00	Oct	2.70	2.74	0.30	0.75	0.15	1.13				7.62
Field Cultivate	24'	MFWD 170	0.063	1.00	Oct	0.96	0.99	0.52	0.99	0.06	0.45				3.91
Grain Drill	20'	MFWD 170	0.092	1.00	Oct	1.40	1.44	1.53	2.69	0.18	1.32				8.38
Wheat Seed Public	lb											90.0000	0.15	13.50	13.50
Ditcher		2WD 130	0.080	0.20	Oct	0.16	0.14	0.04	0.06	0.01	0.11				0.51
App Fert by Air	cwt			1.00	Feb							1.1000	5.00	5.50	5.50
Urea, Solid (46% N)	cwt											1.1000	11.45	12.60	12.60
App by Air ( 3 gal)	appl			1.00	Mar							1.0000	4.50	4.50	4.50
Harmony Extra	oz											0.5000	11.90	5.95	5.95
Surfactant	pt											0.2000	1.38	0.28	0.28
App Fert by Air	cwt			1.00	Mar							1.1000	5.00	5.50	5.50
Urea, Solid (46% N)	cwt											1.1000	11.45	12.60	12.60
Combine-Wheat		25'	0.120	1.00	Jun	5.09	15.67			0.12	0.86				21.62
Haul Wheat	bu											50.0000	0.15	7.50	7.50
TOTALS						11.51	22.17	3.09	5.56	0.60	4.30			82.91	129.54
INTEREST ON OPERATING CAPITAL															3.37
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															132.91

Information presented in this document is prepared solely 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 named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

**Estimating 2004 Costs of Production**

**Wheat Following Rice,  
 Silt Loam Soils**

AG-759-10-03

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

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>DIRECT EXPENSES</b>					
<b>FERTILIZERS</b>					
Phosphorus(46% P2O5)	cwt	10.98	1.0000	10.98	_____
Urea, Solid (46% N)	cwt	11.45	2.2000	25.19	_____
<b>CROP SEED</b>					
Wheat Seed Public	lb	0.15	100.0000	15.00	_____
<b>CUSTOM FERT/LIME</b>					
Custom Apply Fert	acre	4.00	1.0000	4.00	_____
App Fert by Air	cwt	5.00	2.2000	11.00	_____
<b>CUSTOM HARVEST/HAUL</b>					
Haul Wheat	bu	0.15	50.0000	7.50	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	7.13	0.4520	3.22	_____
Self-Propelled	hour	7.13	0.1200	0.86	_____
<b>HAND LABOR</b>					
Implements	hour	7.13	0.0920	0.66	_____
<b>DIESEL FUEL</b>					
Tractors	gal	0.95	4.4312	4.20	_____
Self-Propelled	gal	0.95	1.3584	1.29	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements		3.78	1.0000	3.78	_____
Tractors		3.42	1.0000	3.42	_____
Self-Propelled		3.80	1.0000	3.80	_____
INTEREST ON OP. CAP.		2.92	1.0000	2.92	_____
<b>TOTAL DIRECT EXPENSES</b>				97.83	_____
<b>FIXED EXPENSES</b>					
Implements		6.63	1.0000	6.63	_____
Tractors		7.69	1.0000	7.69	_____
Self-Propelled		15.67	1.0000	15.67	_____
<b>TOTAL FIXED EXPENSES</b>				29.99	_____
<b>TOTAL SPECIFIED EXPENSES</b>				127.82	_____

**Visit our web site at: <http://www.uaex.edu>**

University of Arkansas, United States Department of Agriculture and County Governments cooperating

The Arkansas Cooperative Extension Service offers its programs to all eligible person regardless

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 Following Rice, Silt Loam Soils, 2004**

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 Harrow	28'	MFWD 225	0.061	2.00	Oct	2.40	2.38	1.39	2.14	0.12	0.87				9.18
Custom Apply Fert	acre			1.00	Oct							1.0000	4.00	4.00	4.00
Phosphorus(46% P2O5)	cwt											1.0000	10.98	10.98	10.98
Land Plane	50'x16'	MFWD 190	0.159	1.00	Oct	2.70	2.74	0.30	0.75	0.15	1.13				7.62
Field Cultivate	24'	MFWD 170	0.063	1.00	Oct	0.96	0.99	0.52	0.99	0.06	0.45				3.91
Grain Drill	20'	MFWD 170	0.092	1.00	Oct	1.40	1.44	1.53	2.69	0.18	1.32				8.38
Wheat Seed Public	lb											100.0000	0.15	15.00	15.00
Ditcher		2WD 130	0.080	0.20	Oct	0.16	0.14	0.04	0.06	0.01	0.11				0.51
App Fert by Air	cwt			1.00	Feb							1.1000	5.00	5.50	5.50
Urea, Solid (46% N)	cwt											1.1000	11.45	12.60	12.60
App Fert by Air	cwt			1.00	Mar							1.1000	5.00	5.50	5.50
Urea, Solid (46% N)	cwt											1.1000	11.45	12.60	12.60
Combine-Wheat		25'	0.120	1.00	Jun	5.09	15.67			0.12	0.86				21.62
Haul Wheat	bu											50.0000	0.15	7.50	7.50
TOTALS						12.71	23.36	3.78	6.63	0.66	4.74			73.68	124.90
INTEREST ON OPERATING CAPITAL															2.92
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															127.82

Information presented in this document is prepared solely 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 named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

**Estimating 2004 Costs of Production**

**Wheat Following Soybeans,  
 Clay Soils**

AG-760-10-03

**Tony E. Windham, Extension Economist - Management**

**James Marshall, Extension Economist**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>DIRECT EXPENSES</b>					
<b>CUSTOM SPRAY</b>					
App by Air ( 3 gal)	appl	4.50	1.0000	4.50	_____
<b>FERTILIZERS</b>					
Phosphorus(46% P2O5)	cwt	10.98	1.0000	10.98	_____
Urea, Solid (46% N)	cwt	11.45	3.0000	34.35	_____
<b>HERBICIDES</b>					
Harmony Extra	oz	11.90	0.5000	5.95	_____
<b>CROP SEED</b>					
Wheat Seed Public	lb	0.15	100.0000	15.00	_____
<b>ADJUVANTS</b>					
Surfactant	pt	1.38	0.2000	0.28	_____
<b>CUSTOM FERT/LIME</b>					
Custom Apply Fert	acre	4.00	1.0000	4.00	_____
App Fert by Air	cwt	5.00	3.0000	15.00	_____
<b>CUSTOM HARVEST/HAUL</b>					
Haul Wheat	bu	0.15	45.0000	6.75	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	7.13	0.3910	2.78	_____
Self-Propelled	hour	7.13	0.1200	0.86	_____
<b>HAND LABOR</b>					
Implements	hour	7.13	0.0920	0.66	_____
<b>DIESEL FUEL</b>					
Tractors	gal	0.95	3.7248	3.53	_____
Self-Propelled	gal	0.95	1.3584	1.29	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements		3.09	1.0000	3.09	_____
Tractors		2.89	1.0000	2.89	_____
Self-Propelled		3.80	1.0000	3.80	_____
INTEREST ON OP. CAP.		4.06	1.0000	4.06	_____
				-----	
<b>TOTAL DIRECT EXPENSES</b>				119.76	_____
<b>FIXED EXPENSES</b>					
Implements		5.56	1.0000	5.56	_____
Tractors		6.50	1.0000	6.50	_____
Self-Propelled		15.67	1.0000	15.67	_____
				-----	
<b>TOTAL FIXED EXPENSES</b>				27.73	_____
				-----	
<b>TOTAL SPECIFIED EXPENSES</b>				147.49	_____

**Visit our web site at: <http://www.uaex.edu>**

**Table 2. Estimated resource use and costs for field operations, per acre, Wheat Following Soybeans, Clay Soils, 2004**

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 Harrow	28'	MFWD 225	0.061	1.00	Oct	1.20	1.19	0.70	1.07	0.06	0.43				4.59
Custom Apply Fert	acre			1.00	Oct							1.0000	4.00	4.00	4.00
Phosphorus(46% P2O5)	cwt											1.0000	10.98	10.98	10.98
Land Plane	50'x16'	MFWD 190	0.159	1.00	Oct	2.70	2.74	0.30	0.75	0.15	1.13				7.62
Field Cultivate	24'	MFWD 170	0.063	1.00	Oct	0.96	0.99	0.52	0.99	0.06	0.45				3.91
Grain Drill	20'	MFWD 170	0.092	1.00	Oct	1.40	1.44	1.53	2.69	0.18	1.32				8.38
Wheat Seed Public	lb											100.0000	0.15	15.00	15.00
Ditcher		2WD 130	0.080	0.20	Oct	0.16	0.14	0.04	0.06	0.01	0.11				0.51
App Fert by Air	cwt			1.00	Feb							1.5000	5.00	7.50	7.50
Urea, Solid (46% N)	cwt											1.5000	11.45	17.17	17.17
App by Air ( 3 gal)	appl			1.00	Mar							1.0000	4.50	4.50	4.50
Harmony Extra	oz											0.5000	11.90	5.95	5.95
Surfactant	pt											0.2000	1.38	0.28	0.28
App Fert by Air	cwt			1.00	Mar							1.5000	5.00	7.50	7.50
Urea, Solid (46% N)	cwt											1.5000	11.45	17.17	17.17
Combine-Wheat		25'	0.120	1.00	Jun	5.09	15.67			0.12	0.86				21.62
Haul Wheat	bu											45.0000	0.15	6.75	6.75
TOTALS						11.51	22.17	3.09	5.56	0.60	4.30			96.80	143.43
INTEREST ON OPERATING CAPITAL															4.06
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															147.49

Information presented in this document is prepared solely 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 named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.