



COOPERATIVE EXTENSION SERVICE
University of Arkansas

Wheat, Loamy Soils, Arkansas

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

Table 1. Estimated costs per acre, Wheat, Loamy Soils, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROPS SEED					
Wheat seed - public	lb.	0.16	90.0000	14.40	_____
CUSTOM WORK					
Cstm ap air fert.	ac	4.50	1.0000	4.50	_____
Cstm haul	bu	0.15	50.0000	7.50	_____
FERTILIZER & LIME					
0-46-0	lb	0.12	100.0000	11.50	_____
46-0-0	lb	0.11	220.0000	24.20	_____
OPERATOR LABOR					
Implements	hour	6.55	0.6761	4.43	_____
Self-Propelled Eq.	hour	6.55	0.1904	1.25	_____
DIESEL FUEL					
Tractors	gal	0.70	4.6246	3.24	_____
Self-Propelled Eq.	gal	0.70	2.0034	1.40	_____
REPAIR & MAINTENANCE					
Implements	acre	2.46	1.0000	2.46	_____
Tractors	acre	3.83	1.0000	3.83	_____
Self-Propelled Eq.	acre	3.85	1.0000	3.85	_____
INTEREST ON OP. CAP.	acre	3.81	1.0000	3.81	_____
TOTAL DIRECT EXPENSES				86.36	_____
FIXED EXPENSES					
Implements	acre	6.36	1.0000	6.36	_____
Tractors	acre	6.78	1.0000	6.78	_____
Self-Propelled Eq.	acre	14.08	1.0000	14.08	_____
TOTAL FIXED EXPENSES				27.23	_____
TOTAL SPECIFIED EXPENSES				113.59	_____

Estimating 1997
Production Costs
In Arkansas

Tony E. Windham
Craig D. Brown

AG-456-9-96



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Table 2. Estimated resource use and costs per acre for field operations, Wheat, Loamy Soils, Arkansas, 1997.

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'	180	0.082	1.00	Oct	1.48	1.45	0.44	1.24	0.098	0.64				5.26
Disk, medium cut	26.41'	180	0.082	1.00	Oct	1.48	1.45	0.44	1.24	0.098	0.64				5.26
Fertilizer sprdr. BC 0-46-0	32' lb	125	0.053	1.00	Oct	0.67	0.65	0.23	0.50	0.064	0.42	100.0000	0.12	11.50	2.47 11.50
Triple K	26.67'	180	0.052	1.00	Oct	0.94	0.92	0.27	0.70	0.062	0.41				3.24
Grain drill	20'	145	0.118	1.00	Oct	1.62	1.48	0.82	2.09	0.271	1.78				7.79
Wheat seed - public	lb.											90.0000	0.16	14.40	14.40
Furrow ditcher	8'	125	0.382	0.04	Oct	0.19	0.19	0.02	0.09	0.018	0.12				0.61
Fertilizer sprdr. BC 46-0-0	32' lb	125	0.053	1.00	Feb	0.67	0.65	0.23	0.50	0.064	0.42	110.0000	0.11	12.10	2.47 12.10
Cstm ap air fert. 46-0-0	ac lb			1.00	Mar							1.0000	4.50	4.50	4.50 12.10
Combine, small gr.	20'		0.167	1.00	Jun			5.25	14.08	0.190	1.25				20.58
Cstm haul	bu			1.00	Jun							50.0000	0.15	7.50	7.50
TOTALS						7.07	6.78	7.71	20.44	0.867	5.68			62.10	109.78
INTEREST ON OPERATING CAPITAL															3.81
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															113.59

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.



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		dollars		dollars	
DIRECT EXPENSES					
CROPS SEED					
Wheat seed - public	lb.	0.16	100.0000	16.00	_____
CUSTOM WORK					
Cstm ap air fert.	ac	4.50	1.0000	4.50	_____
Cstm haul	bu	0.15	45.0000	6.75	_____
FERTILIZER & LIME					
46-0-0	lb	0.11	300.0000	33.00	_____
OPERATOR LABOR					
Implements	hour	6.55	0.6125	4.01	_____
Self-Propelled Eq.	hour	6.55	0.1904	1.25	_____
DIESEL FUEL					
Tractors	gal	0.70	4.1874	2.93	_____
Self-Propelled Eq.	gal	0.70	2.0034	1.40	_____
REPAIR & MAINTENANCE					
Implements	acre	2.23	1.0000	2.23	_____
Tractors	acre	3.47	1.0000	3.47	_____
Self-Propelled Eq.	acre	3.85	1.0000	3.85	_____
INTEREST ON OP. CAP.	acre	3.35	1.0000	3.35	_____
TOTAL DIRECT EXPENSES				82.74	_____
FIXED EXPENSES					
Implements	acre	5.86	1.0000	5.86	_____
Tractors	acre	6.14	1.0000	6.14	_____
Self-Propelled Eq.	acre	14.08	1.0000	14.08	_____
TOTAL FIXED EXPENSES				26.08	_____
TOTAL SPECIFIED EXPENSES				108.82	_____

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Table 2. Estimated resource use and costs per acre for field operations, Wheat, Clay Soils, Arkansas, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES		TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
				OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
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Grain drill	20'	145	0.118	1.00	Oct	1.62	1.48	0.82	2.09	0.271	1.78				7.79
Wheat seed - public	lb.											100.0000	0.16	16.00	16.00
Furrow ditcher	8'	125	0.382	0.04	Oct	0.19	0.19	0.02	0.09	0.018	0.12				0.61
Fertilizer sprdr. BC	32'	125	0.053	1.00	Feb	0.67	0.65	0.23	0.50	0.064	0.42				2.47
46-0-0	lb											175.0000	0.11	19.25	19.25
Cstm ap air fert.	ac			1.00	Mar							1.0000	4.50	4.50	4.50
46-0-0	lb											125.0000	0.11	13.75	13.75
Combine, small gr.	20'		0.167	1.00	Jun			5.25	14.08	0.190	1.25				20.58
Cstm haul	bu			1.00	Jun							45.0000	0.15	6.75	6.75
TOTALS						6.40	6.14	7.48	19.94	0.803	5.26			60.25	105.46
INTEREST ON OPERATING CAPITAL														3.35	
UNALLOCATED LABOR														0.00	
TOTAL SPECIFIED COST														108.82	

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