

Estimating 2007 Costs of Production

Wheat Following Rice, Clay Soils

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ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZERS ¹					
DAP 18-46-0	lb	0.15	150.0000	22.88	_____
Urea, Solid (46% N)	lb	0.12	320.0000	41.39	_____
HERBICIDES					
Harmony Extra	oz	13.05	0.5000	6.53	_____
CROP SEED					
Wheat Seed Public	lb	0.20	120.0000	24.00	_____
ADJUVANTS					
Surfactant (80-20)	pt	1.24	0.2000	0.25	_____
CUSTOM HIRE					
Cstm Ap Grd Fert	acre	5.00	1.0000	5.00	_____
Cstm Ap Air Fert	lb	0.05	320.0000	17.60	_____
Cstm Ap Air - 5 gal	appl	5.50	1.0000	5.50	_____
Cstm Haul Wheat	bu	0.15	50.0000	7.50	_____
OPERATOR LABOR					
Tractors	hour	9.00	0.4472	4.02	_____
Harvesters	hour	9.00	0.1021	0.92	_____
HAND LABOR					
Implements	hour	7.80	0.0942	0.74	_____
DIESEL FUEL					
Tractors	gal	2.22	4.3755	9.71	_____
Harvesters	gal	2.22	1.2617	2.80	_____
REPAIR & MAINTENANCE					
Implements	acre	3.00	1.0000	3.00	_____
Tractors	acre	1.59	1.0000	1.59	_____
Harvesters	acre	1.75	1.0000	1.75	_____
INTEREST ON OP. CAP.	acre	6.63	1.0000	6.63	_____
TOTAL DIRECT EXPENSES				161.80	_____
FIXED EXPENSES					
Implements	acre	8.13	1.0000	8.13	_____
Tractors	acre	12.25	1.0000	12.25	_____
Harvesters	acre	8.39	1.0000	8.39	_____
TOTAL FIXED EXPENSES				28.77	_____
TOTAL SPECIFIED EXPENSES				190.57	_____

¹ The fertilizer is only for a single crop of wheat not for a soybean-wheat double crop.

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Table 2. Estimated resource use and costs for field operations, per acre, Wheat Following Rice, Clay Soils, 2007

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	0.070	2.00	Oct	4.19	4.46	1.11	2.94	0.14	1.26				13.96
Cstm Ap Grd Fert	acre			1.00	Oct							1.0000	5.00	5.00	5.00
DAP 18-46-0	lb											150.0000	0.15	22.88	22.88
Field Cultivate	24'	MFWD 170	0.062	1.00	Oct	1.41	1.57	0.28	1.47	0.06	0.56				5.29
Land Plane	50'x16'	MFWD 190	0.121	1.00	Oct	3.07	3.37	0.16	0.52	0.12	1.09				8.21
Grain Drill	20'	MFWD 170	0.094	1.00	Oct	2.14	2.37	0.94	2.26	0.18	1.59				9.30
Wheat Seed Public	lb											120.0000	0.20	24.00	24.00
Ditcher	3'	2WD 130	2.909	0.01	Oct	0.49	0.48	0.05	0.08	0.02	0.26				1.36
Cstm Ap Air Fert	lb			1.00	Feb							160.0000	0.05	8.80	8.80
Urea, Solid (46% N)	lb											160.0000	0.12	20.69	20.69
Cstm Ap Air - 5 gal	appl			1.00	Mar							1.0000	5.50	5.50	5.50
Harmony Extra	oz											0.5000	13.05	6.53	6.53
Surfactant (80-20)	pt											0.2000	1.24	0.25	0.25
Cstm Ap Air Fert	lb			1.00	Mar							160.0000	0.05	8.80	8.80
Urea, Solid (46% N)	lb											160.0000	0.12	20.69	20.69
Header Wheat/Sorghum	25' Rigid	240hp	0.102	1.00	Jun	4.55	8.39	0.46	0.86	0.10	0.92				15.18
Cstm Haul Wheat	bu											50.0000	0.15	7.50	7.50
TOTALS						15.85	20.64	3.00	8.13	0.64	5.68			130.64	183.94
INTEREST ON OPERATING CAPITAL															6.63
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															190.57

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.

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