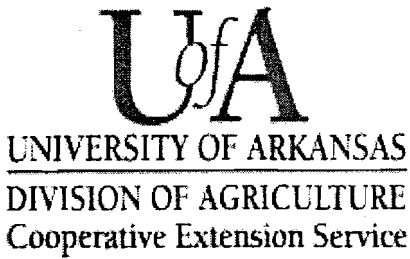


Tony Windham LK 30

Estimating 2000 Costs of Production



Soybeans, Early Season Non-Irrigated, Loamy Soils, 2000

Ag-548-12-99

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

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-private	lb	0.30	60.0000	18.00	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.50	1.0000	4.50	_____
Cstm ap air herbicid	acre	4.50	1.0000	4.50	_____
Cstm ap grd herbicid	acre	4.50	1.0000	4.50	_____
Cstm ap air insectic	acre	4.50	1.0000	4.50	_____
Custom haul	bushel	0.15	25.0000	3.75	_____
FERTILIZER & LIME					
0-18-36	lb	0.10	200.0000	19.00	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	lb	0.06	60.0000	3.72	_____
HERBICIDES					
Treflan 4EC	pint	3.75	1.5000	5.63	_____
Scepter (eco-pak)	ounce	5.00	1.4000	7.00	_____
Assure II	ounce	0.98	9.0000	8.82	_____
Storm	pint	9.38	1.5000	14.07	_____
Surfactant SL(80-20)	pint	1.20	0.2500	0.30	_____
INSECTICIDES					
Methyl Parathion 4EC	pint	3.75	1.0000	3.75	_____
OPERATOR LABOR					
Implements	hour	6.23	0.5303	3.30	_____
Self-Propelled Eq.	hour	6.23	0.1844	1.15	_____
DIESEL FUEL					
Tractors	gal	0.60	3.6037	2.16	_____
Self-Propelled Eq.	gal	0.60	2.2549	1.35	_____
REPAIR & MAINTENANCE					
Implements	acre	2.43	1.0000	2.43	_____
Tractors	acre	2.91	1.0000	2.91	_____
Self-Propelled Eq.	acre	3.79	1.0000	3.79	_____
INTEREST ON OP. CAP.	acre	3.53	1.0000	3.53	_____
TOTAL DIRECT EXPENSES				122.66	_____
FIXED EXPENSES					
Implements	acre	5.14	1.0000	5.14	_____
Tractors	acre	4.92	1.0000	4.92	_____
Self-Propelled Eq.	acre	13.13	1.0000	13.13	_____
TOTAL FIXED EXPENSES				23.20	_____
TOTAL SPECIFIED EXPENSES				145.86	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Soybeans, Early Season Non-Irrigated, Loamy Soils, 2000

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	Apr	1.39	1.38	0.44	1.17	0.098	0.61				4.99
Field cultivator	29.58'	180	0.047	1.00	Apr	0.80	0.79	0.21	0.52	0.056	0.35				2.67
Cstm ap grd fert dry acre				1.00	Apr							1.0000	4.50	4.50	4.50
0-18-36 lb												200.0000	0.10	19.00	19.00
Triple K w/ sprayer	26.67'	180	0.086	1.00	Apr	1.46	1.45	0.49	1.07	0.129	0.80				5.27
Treflan 4EC	pint											1.5000	3.75	5.63	5.63
Scepter (eco-pak)	ounce											1.4000	5.00	7.00	7.00
Water tank	1000 gal	170	0.131	0.12	Apr	0.14	0.11	0.01	0.02	0.019	0.12				0.40
Planter nar 13r@19"	23.75'	145	0.097	1.00	Apr	1.24	1.15	1.26	2.34	0.223	1.39				7.39
Soybean seed-private lb												60.0000	0.30	18.00	18.00
Vitavax-Moly lb												60.0000	0.06	3.72	3.72
Furrow ditcher	8'	145	0.380	0.01	Apr	0.05	0.05	0.01	0.02	0.005	0.03				0.15
Cstm ap air herbicid acre				1.00	May							1.0000	4.50	4.50	4.50
Assure II	ounce											9.0000	0.98	8.82	8.82
Cstm ap grd herbicid acre				1.00	May							1.0000	4.50	4.50	4.50
Storm	pint											1.5000	9.38	14.07	14.07
Surfactant SL(80-20)	pint											0.2500	1.20	0.30	0.30
Cstm ap air insectic acre				1.00	Jul							1.0000	4.50	4.50	4.50
Methyl Parathion 4EC	pint											1.0000	3.75	3.75	3.75
Combine, 4wd, soy.	20'		0.161	1.00	Aug			5.14	13.13	0.184	1.15				19.42
Custom haul	bushel			1.00	Aug							25.0000	0.15	3.75	3.75
TOTALS						5.07	4.92	7.57	18.27	0.715	4.45			102.04	142.33
INTEREST ON OPERATING CAPITAL															3.53
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															145.86

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UNIVERSITY OF ARKANSAS
DIVISION OF AGRICULTURE
Cooperative Extension Service

Estimating 2000 Costs of Production

Tony Windham
LRSI

Soybeans, Stale Seedbed Non-Irrigated,
Roundup Ready, Clay and Mixed Soils, 2000

Ag-549-12-99

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

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-RR	lb	0.50	50.0000	25.00	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.50	1.0000	4.50	_____
Cstm ap air herbicid	acre	4.50	1.0000	4.50	_____
Cstm ap grd herbicid	acre	4.50	2.0000	9.00	_____
Custom haul	bushel	0.15	25.0000	3.75	_____
FERTILIZER & LIME					
0-18-36	lb	0.10	150.0000	14.25	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	lb	0.06	50.0000	3.10	_____
HERBICIDES					
Roundup Ultra	pint	4.44	3.0000	13.32	_____
Gramoxone Extra	pint	4.00	1.5000	6.00	_____
Canopy	lb	40.00	0.2500	10.00	_____
OPERATOR LABOR					
Implements	hour	6.23	0.4077	2.54	_____
Self-Propelled Eq.	hour	6.23	0.1844	1.15	_____
DIESEL FUEL					
Tractors	gal	0.60	2.8892	1.73	_____
Self-Propelled Eq.	gal	0.60	2.2549	1.35	_____
REPAIR & MAINTENANCE					
Implements	acre	1.88	1.0000	1.88	_____
Tractors	acre	2.50	1.0000	2.50	_____
Self-Propelled Eq.	acre	3.79	1.0000	3.79	_____
INTEREST ON OP. CAP.	acre	5.23	1.0000	5.23	_____
TOTAL DIRECT EXPENSES				113.59	_____
FIXED EXPENSES					
Implements	acre	3.94	1.0000	3.94	_____
Tractors	acre	4.20	1.0000	4.20	_____
Self-Propelled Eq.	acre	13.13	1.0000	13.13	_____
TOTAL FIXED EXPENSES				21.27	_____
TOTAL SPECIFIED EXPENSES				134.87	_____

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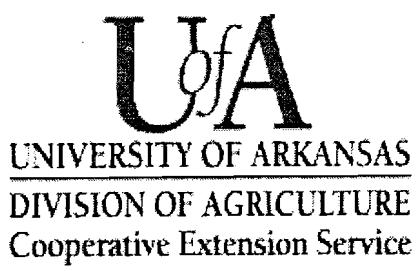
Table 2. Estimated resource use and costs for field operations, per acre, Soybeans, Stale Seedbed Non-Irrigated, Roundup Ready, Clay and Mixed Soils, AR 2000

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	Nov	1.39	1.38	0.44	1.17	0.098	0.61				4.99
Cstm ap grd fert dry	acre			1.00	Nov							1.0000	4.50	4.50	4.50
0-18-36	lb											150.0000	0.10	14.25	14.25
Field cultivator	20.5'	180	0.068	1.00	Nov	1.15	1.14	0.17	0.41	0.082	0.51				3.38
Cstm ap air herbicid	acre			1.00	Apr							1.0000	4.50	4.50	4.50
Roundup Ultra	pint											1.5000	4.44	6.66	6.66
Cstm ap grd herbicid	acre			1.00	May							1.0000	4.50	4.50	4.50
Gramoxone Extra	pint											1.5000	4.00	6.00	6.00
Canopy	lb											0.2500	40.00	10.00	10.00
Planter nar 13r@19"	23.75'	180	0.097	1.00	May	1.64	1.63	1.26	2.34	0.223	1.39				8.27
Soybean seed-RR	lb											50.0000	0.50	25.00	25.00
Vitavax-Moly	lb											50.0000	0.06	3.10	3.10
Furrow ditcher	8'	145	0.380	0.01	May	0.05	0.05	0.01	0.02	0.005	0.03				0.15
Cstm ap grd herbicid	acre			1.00	Jun							1.0000	4.50	4.50	4.50
Roundup Ultra	pint											1.5000	4.44	6.66	6.66
Combine, 4wd, soy.	20'		0.161	1.00	Oct			5.14	13.13	0.184	1.15				19.42
Custom haul	bushel			1.00	Oct							25.0000	0.15	3.75	3.75
TOTALS						4.23	4.20	7.02	17.07	0.592	3.69			93.42	129.64
INTEREST ON OPERATING CAPITAL															5.23
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															134.87

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Tony Windham UASc

Estimating 2000 Costs of Production



Soybeans, Furrow Irrigated,
Mixed Soils, 2000

Ag-550-12-99

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

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-private	lb	0.30	50.0000	15.00	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.50	1.0000	4.50	_____
Custom haul	bushel	0.15	45.0000	6.75	_____
FERTILIZER & LIME					
0-18-36	lb	0.10	200.0000	19.00	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	lb	0.06	50.0000	3.10	_____
HERBICIDES					
Treflan 4EC	pint	3.75	1.5000	5.63	_____
Scepter (eco-pak)	ounce	5.00	1.4000	7.00	_____
Reflex 2LC	pint	10.63	0.7500	7.97	_____
Surfactant SL(80-20)	pint	1.20	0.1250	0.15	_____
MISC. IRRIGATION					
Flex irrigation tube	acre	5.75	1.0000	5.75	_____
OPERATOR LABOR					
Implements	hour	6.23	1.1619	7.24	_____
Self-Propelled Eq.	hour	6.23	0.1844	1.15	_____
IRRIGATION LABOR					
Furrow irrg - soy	hour	6.23	1.8000	11.21	_____
DIESEL FUEL					
Tractors	gal	0.60	8.3220	4.99	_____
Self-Propelled Eq.	gal	0.60	2.2549	1.35	_____
Furrow irrg - soy	gal	0.60	11.0400	6.62	_____
REPAIR & MAINTENANCE					
Implements	acre	2.69	1.0000	2.69	_____
Tractors	acre	6.46	1.0000	6.46	_____
Self-Propelled Eq.	acre	3.79	1.0000	3.79	_____
Furrow irrg - soy	acre	3.48	1.0000	3.48	_____
INTEREST ON OP. CAP.	acre	4.16	1.0000	4.16	_____
TOTAL DIRECT EXPENSES				128.00	_____
FIXED EXPENSES					
Implements	acre	5.62	1.0000	5.62	_____
Tractors	acre	10.91	1.0000	10.91	_____
Self-Propelled Eq.	acre	13.13	1.0000	13.13	_____
Furrow irrg - soy	acre	18.60	1.0000	18.60	_____
TOTAL FIXED EXPENSES				48.26	_____
TOTAL SPECIFIED EXPENSES				176.26	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Soybeans, Furrow Irrigated, Mixed Soils, AR 2000

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-----				
Chisel plow	21'	180	0.092	1.00	Apr	1.56	1.55	0.17	0.39	0.110	0.69					4.35
Field cultivator	25.5'	180	0.054	2.00	May	1.83	1.82	0.41	1.00	0.130	0.81					5.86
Cstm ap grd fert dry	acre			1.00	May							1.0000	4.50	4.50		4.50
0-18-36	lb											200.0000	0.10	19.00		19.00
Triple K w/ sprayer	26.67'	180	0.086	1.00	May	1.46	1.45	0.49	1.07	0.129	0.80					5.27
Treflan 4EC	pint											1.5000	3.75	5.63		5.63
Scepter (eco-pak)	ounce											1.4000	5.00	7.00		7.00
Water tank	1000 gal	170	0.131	0.12	May	0.14	0.11	0.01	0.02	0.019	0.12					0.40
Planter 8r@30"	20'	145	0.115	1.00	May	1.47	1.36	0.81	1.50	0.265	1.65					6.79
Soybean seed-private	lb											50.0000	0.30	15.00		15.00
Vitavax-Moly	lb											50.0000	0.06	3.10		3.10
Row cult 8r@30"	20'	145	0.129	1.00	Jun	1.65	1.53	0.30	0.57	0.155	0.96					5.01
Sprayer, broadcast	20'	145	0.127	1.00	Jun	1.63	1.51	0.19	0.50	0.191	1.19					5.01
Reflex 2LC	pint											0.7500	10.63	7.97		7.97
Surfactant SL(80-20)	pint											0.1250	1.20	0.15		0.15
Water tank	1000 gal	170	0.131	0.06	Jun	0.07	0.05	0.01	0.01	0.009	0.06					0.20
Row cult 8r@30"	20'	145	0.129	1.00	Jun	1.65	1.53	0.30	0.57	0.155	0.96					5.01
Flex irrigation tube	acre			1.00	Jul							1.0000	5.75	5.75		5.75
Furrow irrg - soy	ac in			1.00	Jul			2.53	4.65	0.450	2.80	3.0000				9.98
Furrow irrg - soy	ac in			1.00	Aug			2.53	4.65	0.450	2.80	3.0000				9.98
Furrow irrg - soy	ac in			1.00	Aug			2.53	4.65	0.450	2.80	3.0000				9.98
Furrow irrg - soy	ac in			1.00	Sep			2.53	4.65	0.450	2.80	3.0000				9.98
Combine, 4wd, soy.	20'		0.161	1.00	Oct			5.14	13.13	0.184	1.15					19.42
Custom haul	bushel			1.00	Oct							45.0000	0.15	6.75		6.75
TOTALS						11.45	10.91	17.94	37.35	3.146	19.60			74.85		172.10
INTEREST ON OPERATING CAPITAL																4.16
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																176.26

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Soybeans, Flood Irrigated Following Rice
Loamy Soils, 2000

Ag-551-12-99

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

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-private	lb	0.30	45.0000	13.50	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.50	1.0000	4.50	_____
Cstm lsr surv soy&gs	acre	1.25	1.0000	1.25	_____
Custom haul	bushel	0.15	45.0000	6.75	_____
FERTILIZER & LIME					
0-18-36	lb	0.10	200.0000	19.00	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	lb	0.06	45.0000	2.79	_____
HERBICIDES					
Dual 8E	pint	6.88	2.0000	13.76	_____
Canopy	lb	40.00	0.2500	10.00	_____
Assure II	ounce	0.98	9.0000	8.82	_____
Surfactant SL(80-20)	pint	1.20	0.4000	0.48	_____
OPERATOR LABOR					
Implements	hour	6.23	1.8593	11.58	_____
Self-Propelled Eq.	hour	6.23	0.1844	1.15	_____
IRRIGATION LABOR					
Flood irrigation	hour	6.23	0.7800	4.86	_____
DIESEL FUEL					
Tractors	gal	0.60	14.1905	8.51	_____
Self-Propelled Eq.	gal	0.60	2.2549	1.35	_____
Flood irrigation	gal	0.60	15.3400	9.20	_____
REPAIR & MAINTENANCE					
Implements	acre	3.66	1.0000	3.66	_____
Tractors	acre	11.46	1.0000	11.46	_____
Self-Propelled Eq.	acre	3.79	1.0000	3.79	_____
Flood irrigation	acre	5.33	1.0000	5.33	_____
INTEREST ON OP. CAP.	acre	4.93	1.0000	4.93	_____
TOTAL DIRECT EXPENSES				146.68	_____
FIXED EXPENSES					
Implements	acre	8.65	1.0000	8.65	_____
Tractors	acre	19.31	1.0000	19.31	_____
Self-Propelled Eq.	acre	13.13	1.0000	13.13	_____
Flood irrigation	acre	28.21	1.0000	28.21	_____
TOTAL FIXED EXPENSES				69.30	_____
TOTAL SPECIFIED EXPENSES				215.98	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Soybeans, Flood Irrigated Following Rice, Loamy Soils, AR 2000

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	2.00	Apr	2.78	2.76	0.89	2.34	0.197	1.23					9.99	
Land float	16'x 56'	180	0.138	2.00	Apr	4.68	4.64	0.19	0.83	0.331	2.06					12.40	
Cstm ap grd fert dry	acre			1.00	May							1.0000	4.50	4.50	4.50		
0-18-36	lb											200.0000	0.10	19.00	19.00		
Triple K w/ sprayer	26.67'	180	0.086	1.00	May	1.46	1.45	0.49	1.07	0.129	0.80					5.27	
Dual 8E	pint											2.0000	6.88	13.76	13.76		
Canopy	lb											0.2500	40.00	10.00	10.00		
Water tank	1000 gal	170	0.131	0.12	May	0.14	0.11	0.01	0.02	0.019	0.12					0.40	
Planter 8r@30"	20'	145	0.115	1.00	May	1.47	1.36	0.81	1.50	0.265	1.65					6.79	
Soybean seed-private	lb											45.0000	0.30	13.50	13.50		
Vitavax-Moly	lb											45.0000	0.06	2.79	2.79		
Ditcher, rear mount	3'	145	1.618	0.01	May	0.21	0.19	0.13	0.25	0.019	0.12					0.90	
Sprayer, dir 8r@30"	20'	145	0.127	1.00	Jun	1.63	1.51	0.15	0.40	0.191	1.19					4.87	
Assure II	ounce											9.0000	0.98	8.82	8.82		
Surfactant SL(80-20)	pint											0.4000	1.20	0.48	0.48		
Water tank	1000 gal	170	0.131	0.06	Jun	0.07	0.05	0.01	0.01	0.009	0.06					0.20	
Cstm lsr surv soy&gs	acre			1.00	Jun							1.0000	1.25	1.25	1.25		
Row cult 8r@30"	20'	145	0.129	1.00	Jun	1.65	1.53	0.30	0.57	0.155	0.96					5.01	
Row cult 8r@30"	20'	145	0.129	1.00	Jul	1.65	1.53	0.30	0.57	0.155	0.96					5.01	
Levee disk-build	9'	160	0.196	0.15	Jul	0.45	0.46	0.05	0.13	0.035	0.22					1.31	
Blade, rear mount	8'	110	0.645	0.05	Jul	0.32	0.31	0.01	0.06	0.039	0.24					0.95	
Flood irrigation	ac in			1.00	Jul			4.47	8.68	0.240	1.50	4.0000				14.65	
Levee disk-knock dwn	9'	160	0.196	0.10	Aug	0.30	0.31	0.03	0.09	0.024	0.15					0.87	
Levee disk-build	9'	160	0.196	0.15	Aug	0.45	0.46	0.05	0.13	0.035	0.22					1.31	
Blade, rear mount	8'	110	0.645	0.05	Aug	0.32	0.31	0.01	0.06	0.039	0.24					0.95	
Flood irrigation	ac in			1.00	Aug			3.35	6.51	0.180	1.12	3.0000				10.99	
Levee disk-knock dwn	9'	160	0.196	0.10	Aug	0.30	0.31	0.03	0.09	0.024	0.15					0.87	
Levee disk-build	9'	160	0.196	0.15	Aug	0.41	0.39	0.05	0.13	0.035	0.22					1.19	
Blade, rear mount	8'	110	0.645	0.05	Sep	0.32	0.31	0.01	0.06	0.039	0.24					0.95	
Flood irrigation	ac in			1.00	Sep			3.35	6.51	0.180	1.12	3.0000				10.99	
Levee disk-knock dwn	9'	160	0.196	0.10	Sep	0.27	0.26	0.03	0.09	0.024	0.15					0.80	
Combine, 4wd, soy.	20'		0.161	1.00	Oct			5.14	13.13	0.184	1.15					19.42	
Custom haul	bushel			1.00	Oct							45.0000	0.15	6.75	6.75		
TOTALS						19.97	19.31	23.34	49.99	2.824	17.59			80.85	211.05		
INTEREST ON OPERATING CAPITAL															4.93		
UNALLOCATED LABOR															0.00		
TOTAL SPECIFIED COST															215.98		

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**Soybeans, Flood Irrigated Following Wheat
Loamy Soils, 2000**

Ag-552-12-99

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

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-private	lb	0.30	45.0000	13.50	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.50	1.0000	4.50	_____
Cstm lsr surv soy&gs	acre	1.25	1.0000	1.25	_____
Custom haul	bushel	0.15	45.0000	6.75	_____
FERTILIZER & LIME					
0-20-30	lb	0.08	150.0000	12.38	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	lb	0.06	45.0000	2.79	_____
HERBICIDES					
Treflan 4EC	pint	3.75	1.5000	5.63	_____
Reflex 2LC	pint	10.63	0.7500	7.97	_____
Surfactant SL(80-20)	pint	1.20	0.1250	0.15	_____
OPERATOR LABOR					
Implements	hour	6.23	1.3692	8.53	_____
Self-Propelled Eq.	hour	6.23	0.1844	1.15	_____
IRRIGATION LABOR					
Flood irrigation	hour	6.23	0.6000	3.74	_____
DIESEL FUEL					
Tractors	gal	0.60	9.7082	5.82	_____
Self-Propelled Eq.	gal	0.60	2.2549	1.35	_____
Flood irrigation	gal	0.60	11.8000	7.08	_____
REPAIR & MAINTENANCE					
Implements	acre	3.01	1.0000	3.01	_____
Tractors	acre	7.66	1.0000	7.66	_____
Self-Propelled Eq.	acre	3.79	1.0000	3.79	_____
Flood irrigation	acre	4.10	1.0000	4.10	_____
INTEREST ON OP. CAP.	acre	2.40	1.0000	2.40	_____
TOTAL DIRECT EXPENSES				103.56	_____
FIXED EXPENSES					
Implements	acre	6.65	1.0000	6.65	_____
Tractors	acre	12.93	1.0000	12.93	_____
Self-Propelled Eq.	acre	13.13	1.0000	13.13	_____
Flood irrigation	acre	21.70	1.0000	21.70	_____
TOTAL FIXED EXPENSES				54.42	_____
TOTAL SPECIFIED EXPENSES				157.97	_____

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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, Soybeans, Flood Irrigated Following Wheat, Loamy Soils, AR 2000

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-----			
Cstm ap grd fert dry	acre			1.00	Oct							1.0000	4.50	4.50	4.50
0-20-30	lb											150.0000	0.08	12.38	12.38
Disk, medium cut	26.41'	180	0.082	1.00	Jun	1.39	1.38	0.44	1.17	0.098	0.61				4.99
Field cultivator	29.58'	180	0.047	1.00	Jun	0.80	0.79	0.21	0.52	0.056	0.35				2.67
Triple K w/ sprayer	26.67'	180	0.086	1.00	Jun	1.46	1.45	0.49	1.07	0.129	0.80				5.27
Treflan 4EC	pint											1.5000	3.75	5.63	5.63
Water tank	1000 gal	170	0.131	0.12	Jun	0.14	0.11	0.01	0.02	0.019	0.12				0.40
Planter 8r@30"	20'	145	0.115	1.00	Jun	1.47	1.36	0.81	1.50	0.265	1.65				6.79
Soybean seed-private	lb											45.0000	0.30	13.50	13.50
Vitavax-Moly	lb											45.0000	0.06	2.79	2.79
Sprayer, dir 8r@30"	20'	145	0.127	1.00	Jun	1.63	1.51	0.15	0.40	0.191	1.19				4.87
Reflex 2LC	pint											0.7500	10.63	7.97	7.97
Surfactant SL(80-20)	pint											0.1250	1.20	0.15	0.15
Water tank	1000 gal	170	0.131	0.06	Jun	0.07	0.05	0.01	0.01	0.009	0.06				0.20
Row cult 8r@30"	20'	145	0.129	1.00	Jul	1.65	1.53	0.30	0.57	0.155	0.96				5.01
Row cult 8r@30"	20'	145	0.129	1.00	Jul	1.65	1.53	0.30	0.57	0.155	0.96				5.01
Cstm lsr surv soy&gs	acre			1.00	Jul							1.0000	1.25	1.25	1.25
Levee disk-build	9'	160	0.196	0.15	Jul	0.45	0.46	0.05	0.13	0.035	0.22				1.31
Blade, rear mount	8'	110	0.645	0.05	Jul	0.32	0.31	0.01	0.06	0.039	0.24				0.95
Flood irrigation	ac in			1.00	Jul			4.47	8.68	0.240	1.50	4.0000			14.65
Levee disk-knock dwn	9'	160	0.196	0.10	Aug	0.30	0.31	0.03	0.09	0.024	0.15				0.87
Levee disk-build	9'	160	0.196	0.15	Aug	0.45	0.46	0.05	0.13	0.035	0.22				1.31
Blade, rear mount	8'	110	0.645	0.05	Aug	0.32	0.31	0.01	0.06	0.039	0.24				0.95
Flood irrigation	ac in			1.00	Aug			3.35	6.51	0.180	1.12	3.0000			10.99
Levee disk-knock dwn	9'	160	0.196	0.10	Aug	0.30	0.31	0.03	0.09	0.024	0.15				0.87
Levee disk-build	9'	160	0.196	0.15	Sep	0.45	0.46	0.05	0.13	0.035	0.22				1.31
Blade, rear mount	8'	110	0.645	0.05	Sep	0.32	0.31	0.01	0.06	0.039	0.24				0.95
Flood irrigation	ac in			1.00	Sep			3.35	6.51	0.180	1.12	3.0000			10.99
Levee disk-knock dwn	9'	160	0.196	0.10	Oct	0.30	0.31	0.03	0.09	0.024	0.15				0.87
Combine, 4wd, soy.	20'		0.161	1.00	Oct			5.14	13.13	0.184	1.15				19.42
Custom haul	bushel			1.00	Oct							45.0000	0.15	6.75	6.75
TOTALS						13.49	12.93	19.34	41.48	2.154	13.42			54.91	155.57
INTEREST ON OPERATING CAPITAL															2.40
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															157.97

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Tony Windham - LRSO

Estimating 2000 Costs of Production



Soybeans, Flood Irrigated No-Till
Following Wheat, Loamy Soils, 2000

Ag-553-12-99

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

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-private	lb	0.30	55.0000	16.50	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.50	1.0000	4.50	_____
Cstm ap grd herbicid	acre	4.50	1.0000	4.50	_____
Cstm lsr surv soy&gs	acre	1.25	1.0000	1.25	_____
Custom haul	bushel	0.15	45.0000	6.75	_____
FERTILIZER & LIME					
0-20-30	lb	0.08	150.0000	12.38	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	lb	0.06	55.0000	3.41	_____
HERBICIDES					
Gramoxone Extra	pint	4.00	2.0000	8.00	_____
Canopy	lb	40.00	0.2500	10.00	_____
Surfactant SL(80-20)	pint	1.20	1.2500	1.50	_____
Fusilade DX	pint	15.00	0.7500	11.25	_____
Reflex 2LC	pint	10.63	1.5000	15.95	_____
OPERATOR LABOR					
Implements	hour	6.23	0.7447	4.64	_____
Self-Propelled Eq.	hour	6.23	0.1844	1.15	_____
IRRIGATION LABOR					
Flood irrigation	hour	6.23	0.4800	2.99	_____
DIESEL FUEL					
Tractors	gal	0.60	4.6331	2.78	_____
Self-Propelled Eq.	gal	0.60	2.2549	1.35	_____
Flood irrigation	gal	0.60	9.4400	5.66	_____
REPAIR & MAINTENANCE					
Implements	acre	2.89	1.0000	2.89	_____
Tractors	acre	3.84	1.0000	3.84	_____
Self-Propelled Eq.	acre	3.79	1.0000	3.79	_____
Flood irrigation	acre	3.28	1.0000	3.28	_____
INTEREST ON OP. CAP.	acre	3.45	1.0000	3.45	_____

TOTAL DIRECT EXPENSES				131.81	_____
FIXED EXPENSES					
Implements	acre	7.06	1.0000	7.06	_____
Tractors	acre	6.49	1.0000	6.49	_____
Self-Propelled Eq.	acre	13.13	1.0000	13.13	_____
Flood irrigation	acre	17.36	1.0000	17.36	_____

TOTAL FIXED EXPENSES				44.04	_____

TOTAL SPECIFIED EXPENSES				175.86	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Soybeans, Flood Irrigated No-Till, Following Wheat, Loamy Soils, AR 2000

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-----		
Cstm ap grd fert dry acre				1.00	Oct							1.0000	4.50	4.50	4.50		
0-20-30	lb											150.0000	0.08	12.38	12.38		
Sprayer, broadcast	26.67'	145	0.095	1.00	Jun	1.22	1.13	0.16	0.42	0.143	0.89				3.82		
Gramoxone Extra	pint											2.0000	4.00	8.00	8.00		
Canopy	lb											0.2500	40.00	10.00	10.00		
Surfactant SL(80-20)	pint											0.2500	1.20	0.30	0.30		
Water tank	1000 gal	170	0.131	0.12	Jun	0.14	0.11	0.01	0.02	0.019	0.12				0.40		
Grain drill, no-till	20'	160	0.118	1.00	Jun	1.82	1.84	2.30	5.54	0.271	1.69				13.20		
Soybean seed-private	lb											55.0000	0.30	16.50	16.50		
Vitavax-Moly	lb											55.0000	0.06	3.41	3.41		
Ditcher, rear mount	3'	145	1.618	0.01	Jun	0.21	0.19	0.13	0.25	0.019	0.12				0.90		
Cstm ap grd herbicid acre				1.00	Jun							1.0000	4.50	4.50	4.50		
Fusilade DX	pint											0.7500	15.00	11.25	11.25		
Reflex 2LC	pint											1.5000	10.63	15.95	15.95		
Surfactant SL(80-20)	pint											1.0000	1.20	1.20	1.20		
Cstm lsr surv soy&gs acre				1.00	Jun							1.0000	1.25	1.25	1.25		
Levee disk-build	9'	160	0.196	0.15	Jul	0.45	0.46	0.05	0.13	0.035	0.22				1.31		
Blade, rear mount	8'	110	0.645	0.05	Jul	0.32	0.31	0.01	0.06	0.039	0.24				0.95		
Flood irrigation	ac in			1.00	Jul			3.35	6.51	0.180	1.12	3.0000			10.99		
Levee disk-knock dwn	9'	160	0.196	0.10	Aug	0.30	0.31	0.03	0.09	0.024	0.15				0.87		
Levee disk-build	9'	160	0.196	0.15	Aug	0.45	0.46	0.05	0.13	0.035	0.22				1.31		
Blade, rear mount	8'	110	0.645	0.05	Aug	0.32	0.31	0.01	0.06	0.039	0.24				0.95		
Flood irrigation	ac in			1.00	Aug			2.80	5.43	0.150	0.93	2.5000			9.15		
Levee disk-knock dwn	9'	160	0.196	0.10	Aug	0.30	0.31	0.03	0.09	0.024	0.15				0.87		
Levee disk-build	9'	160	0.196	0.15	Sep	0.45	0.46	0.05	0.13	0.035	0.22				1.31		
Blade, rear mount	8'	110	0.645	0.05	Sep	0.32	0.31	0.01	0.06	0.039	0.24				0.95		
Flood irrigation	ac in			1.00	Sep			2.80	5.43	0.150	0.93	2.5000			9.15		
Levee disk-knock dwn	9'	160	0.196	0.10	Oct	0.30	0.31	0.03	0.09	0.024	0.15				0.87		
Combine, 4wd, soy.	20'		0.161	1.00	Oct			5.14	13.13	0.184	1.15				19.42		
Custom haul	bushel			1.00	Oct							45.0000	0.15	6.75	6.75		
TOTALS						6.62	6.49	16.98	37.55	1.409	8.78			95.98	172.40		
INTEREST ON OPERATING CAPITAL															3.45		
UNALLOCATED LABOR															0.00		
TOTAL SPECIFIED COST															175.86		

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**Soybeans, Non-Irrigated Following Wheat,
 Roundup Ready, Mixed Soils, 2000**

Ag-554-12-99

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

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-RR	lb	0.50	55.0000	27.50	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.50	1.0000	4.50	_____
Cstm ap grd herbicid	acre	4.50	1.0000	4.50	_____
Custom haul	bushel	0.15	25.0000	3.75	_____
FERTILIZER & LIME					
0-20-30	lb	0.08	150.0000	12.38	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	lb	0.06	55.0000	3.41	_____
HERBICIDES					
Roundup Ultra	pint	4.44	1.5000	6.66	_____
Classic	ounce	11.00	0.2500	2.75	_____
OPERATOR LABOR					
Implements	hour	6.23	0.2714	1.69	_____
Self-Propelled Eq.	hour	6.23	0.1844	1.15	_____
DIESEL FUEL					
Tractors	gal	0.60	1.2071	0.72	_____
Self-Propelled Eq.	gal	0.60	2.2549	1.35	_____
REPAIR & MAINTENANCE					
Implements	acre	0.82	1.0000	0.82	_____
Tractors	acre	0.92	1.0000	0.92	_____
Self-Propelled Eq.	acre	3.79	1.0000	3.79	_____
INTEREST ON OP. CAP.	acre	1.83	1.0000	1.83	_____
TOTAL DIRECT EXPENSES				77.72	_____
FIXED EXPENSES					
Implements	acre	1.98	1.0000	1.98	_____
Tractors	acre	1.55	1.0000	1.55	_____
Self-Propelled Eq.	acre	13.13	1.0000	13.13	_____
TOTAL FIXED EXPENSES				16.66	_____
TOTAL SPECIFIED EXPENSES				94.38	_____

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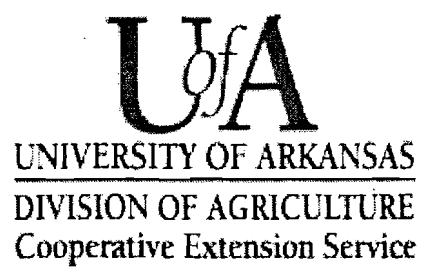
Table 2. Estimated resource use and costs for field operations, per acre, Soybeans, Non-Irrigated Following Wheat, Roundup Ready, Mixed Soils, AR 2000

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-----				
Cstm ap grd fert dry	acre			1.00	Oct							1.0000	4.50	4.50	4.50
0-20-30	lb											150.0000	0.08	12.38	12.38
Grain drill	20'	160	0.118	1.00	Jun	1.65	1.55	0.82	1.98	0.271	1.69				7.68
Soybean seed-RR	lb											55.0000	0.50	27.50	27.50
Vitavax-Moly	lb											55.0000	0.06	3.41	3.41
Cstm ap grd herbicid	acre			1.00	Jul							1.0000	4.50	4.50	4.50
Roundup Ultra	pint											1.5000	4.44	6.66	6.66
Classic	ounce											0.2500	11.00	2.75	2.75
Combine, 4wd, soy.	20'		0.161	1.00	Oct			5.14	13.13	0.184	1.15				19.42
Custom haul	bushel			1.00	Oct							25.0000	0.15	3.75	3.75
TOTALS						1.65	1.55	5.96	15.11	0.456	2.84			65.44	92.55
INTEREST ON OPERATING CAPITAL															1.83
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															94.38

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Tony Windham - LR50

Estimating 2000 Costs of Production



Soybeans, Center Pivot Irrigated No-Till
Following Wheat, Clay and Mixed Soils, 2000

Ag-555-12-99

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

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-private	lb	0.30	60.0000	18.00	_____
CUSTOM WORK					
Cstm ap grd herbicid	acre	4.50	2.0000	9.00	_____
Custom haul	bushel	0.15	45.0000	6.75	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	lb	0.06	60.0000	3.72	_____
HERBICIDES					
Gramoxone Extra	pint	4.00	1.5000	6.00	_____
Canopy	lb	40.00	0.2500	10.00	_____
Surfactant SL(80-20)	pint	1.20	0.5000	0.60	_____
Storm	pint	9.38	1.5000	14.07	_____
OPERATOR LABOR					
Implements	hour	6.23	0.2714	1.69	_____
Self-Propelled Eq.	hour	6.23	0.1844	1.15	_____
IRRIGATION LABOR					
Center pivot irrg.	hour	6.23	0.7000	4.36	_____
DIESEL FUEL					
Tractors	gal	0.60	1.2071	0.72	_____
Self-Propelled Eq.	gal	0.60	2.2549	1.35	_____
Center pivot irrg.	gal	0.60	11.5710	6.94	_____
REPAIR & MAINTENANCE					
Implements	acre	2.30	1.0000	2.30	_____
Tractors	acre	0.92	1.0000	0.92	_____
Self-Propelled Eq.	acre	3.79	1.0000	3.79	_____
Center pivot irrg.	acre	6.93	1.0000	6.93	_____
INTEREST ON OP. CAP.	acre	2.93	1.0000	2.93	_____
TOTAL DIRECT EXPENSES				101.23	_____
FIXED EXPENSES					
Implements	acre	5.54	1.0000	5.54	_____
Tractors	acre	1.55	1.0000	1.55	_____
Self-Propelled Eq.	acre	13.13	1.0000	13.13	_____
Center pivot irrg.	acre	35.14	1.0000	35.14	_____
TOTAL FIXED EXPENSES				55.36	_____
TOTAL SPECIFIED EXPENSES				156.59	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Soybeans, Center Pivot No-Till, Following Wheat, Clay and Mixed Soils, AR 2000

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-----			
Cstm ap grd herbicid acre				1.00	Jun							1.0000	4.50	4.50	4.50
Gramoxone Extra	pint											1.5000	4.00	6.00	6.00
Canopy	lb											0.2500	40.00	10.00	10.00
Surfactant SL(80-20)	pint											0.2500	1.20	0.30	0.30
Grain drill, no-till 20'		160	0.118	1.00	Jun	1.65	1.55	2.30	5.54	0.271	1.69				12.73
Soybean seed-private	lb											60.0000	0.30	18.00	18.00
Vitavax-Moly	lb											60.0000	0.06	3.72	3.72
Cstm ap grd herbicid acre				1.00	Jun							1.0000	4.50	4.50	4.50
Storm	pint											1.5000	9.38	14.07	14.07
Surfactant SL(80-20)	pint											0.2500	1.20	0.30	0.30
Center pivot irrg.	ac in			1.00	Jun			1.98	5.02	0.100	0.62	1.0000			7.62
Center pivot irrg.	ac in			1.00	Jul			1.98	5.02	0.100	0.62	1.0000			7.62
Center pivot irrg.	ac in			1.00	Jul			1.98	5.02	0.100	0.62	1.0000			7.62
Center pivot irrg.	ac in			1.00	Jul			1.98	5.02	0.100	0.62	1.0000			7.62
Center pivot irrg.	ac in			1.00	Aug			1.98	5.02	0.100	0.62	1.0000			7.62
Center pivot irrg.	ac in			1.00	Aug			1.98	5.02	0.100	0.62	1.0000			7.62
Center pivot irrg.	ac in			1.00	Sep			1.98	5.02	0.100	0.62	1.0000			7.62
Combine, 4wd, soy.	20'		0.161	1.00	Oct			5.14	13.13	0.184	1.15				19.42
Custom haul	bushel			1.00	Oct							45.0000	0.15	6.75	6.75
TOTALS						1.65	1.55	21.32	53.81	1.156	7.20			68.14	153.67
INTEREST ON OPERATING CAPITAL															2.93
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															156.59

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Tony Windham
CRSO

**Soybeans, Early Season Non-Irrigated,
 Roundup Ready, Loamy, 2000**

Ag-556-12-99

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

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-RR	lb	0.50	60.0000	30.00	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.50	1.0000	4.50	_____
Cstm ap grd herbicid	acre	4.50	2.0000	9.00	_____
Cstm ap air insectic	acre	4.50	1.0000	4.50	_____
Custom haul	bushel	0.15	25.0000	3.75	_____
FERTILIZER & LIME					
0-18-36	lb	0.10	200.0000	19.00	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	lb	0.06	60.0000	3.72	_____
HERBICIDES					
Roundup Ultra	pint	4.44	3.0000	13.32	_____
INSECTICIDES					
Methyl Parathion 4EC	pint	3.75	1.0000	3.75	_____
OPERATOR LABOR					
Implements	hour	6.23	0.4449	2.77	_____
Self-Propelled Eq.	hour	6.23	0.1844	1.15	_____
DIESEL FUEL					
Tractors	gal	0.60	3.0552	1.83	_____
Self-Propelled Eq.	gal	0.60	2.2549	1.35	_____
REPAIR & MAINTENANCE					
Implements	acre	2.19	1.0000	2.19	_____
Tractors	acre	2.47	1.0000	2.47	_____
Self-Propelled Eq.	acre	3.79	1.0000	3.79	_____
INTEREST ON OP. CAP.	acre	3.10	1.0000	3.10	_____
TOTAL DIRECT EXPENSES				110.19	_____
FIXED EXPENSES					
Implements	acre	4.70	1.0000	4.70	_____
Tractors	acre	4.15	1.0000	4.15	_____
Self-Propelled Eq.	acre	13.13	1.0000	13.13	_____
TOTAL FIXED EXPENSES				21.98	_____
TOTAL SPECIFIED EXPENSES				132.18	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Soybeans, Early Season Non-Irrigated, Roundup Ready, Loamy Soils, AR 2000

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	Apr	1.39	1.38	0.44	1.17	0.098	0.61				4.99
Field cultivator	29.58'	180	0.047	1.00	Apr	0.80	0.79	0.21	0.52	0.056	0.35				2.67
Cstm ap grd fert dry acre				1.00	Apr							1.0000	4.50	4.50	4.50
0-18-36	lb											200.0000	0.10	19.00	19.00
Triple K	26.67'	180	0.052	1.00	Apr	0.83	0.78	0.27	0.65	0.062	0.39				2.92
Planter nar 13r@19"	23.75'	145	0.097	1.00	Apr	1.24	1.15	1.26	2.34	0.223	1.39				7.39
Soybean seed-RR	lb											60.0000	0.50	30.00	30.00
Vitavax-Moly	lb											60.0000	0.06	3.72	3.72
Furrow ditcher	8'	145	0.380	0.01	Apr	0.05	0.05	0.01	0.02	0.005	0.03				0.15
Cstm ap grd herbicid acre				1.00	May							1.0000	4.50	4.50	4.50
Roundup Ultra	pint											1.5000	4.44	6.66	6.66
Cstm ap grd herbicid acre				1.00	Jun							1.0000	4.50	4.50	4.50
Roundup Ultra	pint											1.5000	4.44	6.66	6.66
Cstm ap air insectic acre				1.00	Jul							1.0000	4.50	4.50	4.50
Methyl Parathion 4EC	pint											1.0000	3.75	3.75	3.75
Combine, 4wd, soy.	20'		0.161	1.00	Aug			5.14	13.13	0.184	1.15				19.42
Custom haul	bushel			1.00	Aug							25.0000	0.15	3.75	3.75
TOTALS						4.30	4.15	7.33	17.84	0.629	3.92			91.54	129.08
INTEREST ON OPERATING CAPITAL															3.10
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															132.18

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**Soybeans, Border Irrigated Following Wheat,
 Roundup Ready, Loamy, 2000**

Ag-557-01-00

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

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-RR	lb	0.50	60.0000	30.00	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.50	1.0000	4.50	_____
Cstm ap grd herbicid	acre	4.50	2.0000	9.00	_____
Custom haul	bushel	0.15	45.0000	6.75	_____
FERTILIZER & LIME					
0-20-30	lb	0.08	150.0000	12.38	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	lb	0.06	60.0000	3.72	_____
HERBICIDES					
Roundup Ultra	pint	4.44	3.0000	13.32	_____
MISC. IRRIGATION					
Flex irrigation tube	acre	5.75	1.0000	5.75	_____
OPERATOR LABOR					
Implements	hour	6.23	0.5004	3.12	_____
Self-Propelled Eq.	hour	6.23	0.1844	1.15	_____
IRRIGATION LABOR					
Border Irrigation	hour	6.23	1.8000	11.21	_____
DIESEL FUEL					
Tractors	gal	0.60	3.3007	1.98	_____
Self-Propelled Eq.	gal	0.60	2.2549	1.35	_____
Border Irrigation	gal	0.60	11.0400	6.62	_____
REPAIR & MAINTENANCE					
Implements	acre	1.76	1.0000	1.76	_____
Tractors	acre	2.71	1.0000	2.71	_____
Self-Propelled Eq.	acre	3.79	1.0000	3.79	_____
Border Irrigation	acre	3.48	1.0000	3.48	_____
INTEREST ON OP. CAP.	acre	3.15	1.0000	3.15	_____
TOTAL DIRECT EXPENSES				125.74	_____
FIXED EXPENSES					
Implements	acre	4.36	1.0000	4.36	_____
Tractors	acre	4.56	1.0000	4.56	_____
Self-Propelled Eq.	acre	13.13	1.0000	13.13	_____
Border Irrigation	acre	18.60	1.0000	18.60	_____
TOTAL FIXED EXPENSES				40.65	_____
TOTAL SPECIFIED EXPENSES				166.39	_____

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Table 2. Estimated resource use and costs for field operations, per acre, Soybeans, Border Irrigated Following Wheat, Roundup Ready, Loamy Soils, AR 2000

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-----		
Cstm ap grd fert dry acre				1.00	Oct							1.0000	4.50	4.50	4.50	
0-20-30	lb											150.0000	0.08	12.38	12.38	
Disk, medium cut	26.41'	180	0.082	1.00	Jun	1.39	1.38	0.44	1.17	0.098	0.61				4.99	
Field cultivator	29.58'	180	0.047	1.00	Jun	0.80	0.79	0.21	0.52	0.056	0.35				2.67	
Triple K	26.67'	180	0.052	1.00	Jun	0.88	0.87	0.27	0.65	0.062	0.39				3.06	
Grain drill	20'	145	0.118	1.00	Jun	1.51	1.40	0.82	1.98	0.271	1.69				7.40	
Soybean seed-RR	lb											60.0000	0.50	30.00	30.00	
Vitavax-Moly	lb											60.0000	0.06	3.72	3.72	
Cstm ap grd herbicid acre				1.00	Jun							1.0000	4.50	4.50	4.50	
Roundup Ultra	pint											1.5000	4.44	6.66	6.66	
Border levee-build	6'	125	0.196	0.05	Jul	0.12	0.11	0.02	0.04	0.012	0.07				0.36	
Cstm ap grd herbicid acre				1.00	Jul							1.0000	4.50	4.50	4.50	
Roundup Ultra	pint											1.5000	4.44	6.66	6.66	
Flex irrigation tube	acre			1.00	Jul							1.0000	5.75	5.75	5.75	
Border Irrigation	ac in			1.00	Jul			2.53	4.65	0.450	2.80	3.0000			9.98	
Border Irrigation	ac in			1.00	Jul			2.53	4.65	0.450	2.80	3.0000			9.98	
Border Irrigation	ac in			1.00	Aug			2.53	4.65	0.450	2.80	3.0000			9.98	
Border Irrigation	ac in			1.00	Aug			2.53	4.65	0.450	2.80	3.0000			9.98	
Combine, 4wd, soy.	20'		0.161	1.00	Oct			5.14	13.13	0.184	1.15				19.42	
Custom haul	bushel			1.00	Oct							45.0000	0.15	6.75	6.75	
TOTALS						4.69	4.56	17.01	36.09	2.485	15.48			85.41	163.24	
INTEREST ON OPERATING CAPITAL															3.15	
UNALLOCATED LABOR															0.00	
TOTAL SPECIFIED COST															166.39	

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