



Estimating 2002 Costs of Production

Soybeans, Stale Seedbed, Non-Irrigated, Roundup Ready, Clay and Mixed Soils, 2002

AG-655-11-01

Tony E. Windham, Extension Economist - Management
Jennifer Lafferty, Agricultural Economics Associate

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-RR	lb	0.48	50.0000	24.00	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Cstm ap air herbicid	acre	4.50	1.0000	4.50	_____
Cstm ap grd herbicid	acre	4.00	3.0000	12.00	_____
Custom haul	bu	0.15	25.0000	3.75	_____
FERTILIZER & LIME					
0-18-36	lb	0.07	150.0000	11.85	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	bu	1.25	0.8300	1.03	_____
HERBICIDES					
Roundup Ultra	pint	4.25	4.5000	19.12	_____
Gramoxone Extra	pint	3.33	1.5000	4.99	_____
Canopy SP	lb	32.00	0.2500	8.00	_____
OPERATOR LABOR					
Implements	hour	6.39	0.1568	1.00	_____
Tractors	hour	6.39	0.2758	1.76	_____
Self-Propelled Eq.	hour	6.39	0.2075	1.32	_____
DIESEL FUEL					
Tractors	gal	1.00	2.6870	2.68	_____
Self-Propelled Eq.	gal	1.00	1.7098	1.70	_____
REPAIR & MAINTENANCE					
Implements	acre	1.87	1.0000	1.87	_____
Tractors	acre	2.06	1.0000	2.06	_____
Self-Propelled Eq.	acre	3.37	1.0000	3.37	_____
INTEREST ON OP. CAP.	acre	2.60	1.0000	2.60	_____

TOTAL DIRECT EXPENSES				111.67	_____
FIXED EXPENSES					
Implements	acre	3.54	1.0000	3.54	_____
Tractors	acre	4.73	1.0000	4.73	_____
Self-Propelled Eq.	acre	11.46	1.0000	11.46	_____

TOTAL FIXED EXPENSES				19.73	_____

TOTAL SPECIFIED EXPENSES				131.41	_____

Visit our web site at <http://www.aragriculture.org>

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 Soybeans, Stale Seedbed, Non-Irrigated, Roundup Ready, Clay and Mixed Soils, 2002

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC HOURS	LABOR COST	OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED			AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Nov	1.56	1.55	0.44	1.03	0.106	0.68					5.27
Cstm ap grd fert dry	acre			1.00	Nov							1.0000	4.00	4.00		4.00
0-18-36	lb											150.0000	0.07	11.85		11.85
Field cultivator	20.5'	MFWD190	0.068	1.00	Nov	1.29	1.28	0.16	0.35	0.088	0.56					3.67
Cstm ap air herbicid	acre			1.00	Mar							1.0000	4.50	4.50		4.50
Roundup Ultra	pint											1.5000	4.25	6.37		6.37
Cstm ap grd herbicid	acre			1.00	May							1.0000	4.00	4.00		4.00
Gramoxone Extra	pint											1.5000	3.33	4.99		4.99
Canopy SP	lb											0.2500	32.00	8.00		8.00
Planter nar 13r@19"	23.75'	MFWD190	0.097	1.00	May	1.84	1.83	1.26	2.13	0.232	1.48					8.56
Soybean seed-RR	lb											50.0000	0.48	24.00		24.00
Vitavax-Moly	bu											0.8300	1.25	1.03		1.03
Furrow ditcher	8'	2WD 150	0.380	0.01	May	0.05	0.05	0.00	0.01	0.004	0.03					0.16
Cstm ap grd herbicid	acre			1.00	Jun							1.0000	4.00	4.00		4.00
Roundup Ultra	pint											1.5000	4.25	6.37		6.37
Cstm ap grd herbicid	acre			1.00	Jun							1.0000	4.00	4.00		4.00
Roundup Ultra	pint											1.5000	4.25	6.37		6.37
Combine 4WD Soybean	25'		0.166	1.00	Oct			5.08	11.46	0.207	1.32					17.87
Custom haul	bu			1.00	Oct							25.0000	0.15	3.75		3.75
TOTALS						4.75	4.73	6.96	15.00	0.640	4.09				93.25	128.80
INTEREST ON OPERATING CAPITAL																2.60
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																131.41

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 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

Soybeans, Furrow Irrigated, Mixed Soils, 2002

AG-656-11-01

Tony E. Windham, Extension Economist - Management
Jennifer Lafferty, Agricultural Economics Associate

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-private	lb	0.32	50.0000	16.00	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Custom haul	bu	0.15	45.0000	6.75	_____
FERTILIZER & LIME					
0-18-36	lb	0.07	200.0000	15.80	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	bu	1.25	0.8300	1.03	_____
HERBICIDES					
Treflan 4EC	pint	3.12	1.5000	4.68	_____
Scepter (eco-pak)	ounce	5.13	1.4000	7.18	_____
Reflex 2LC	pint	10.00	0.7500	7.50	_____
Surfactant SL(80-20)	pint	0.87	0.1250	0.10	_____
MISC. IRRIGATION					
Flex irrigation tube	acre	5.75	1.0000	5.75	_____
OPERATOR LABOR					
Implements	hour	6.39	0.3523	2.25	_____
Tractors	hour	6.39	0.8646	5.52	_____
Self-Propelled Eq.	hour	6.39	0.2075	1.32	_____
IRRIGATION LABOR					
Furrow irrg - soy	hour	6.39	2.2500	14.37	_____
DIESEL FUEL					
Tractors	gal	1.00	7.5536	7.55	_____
Self-Propelled Eq.	gal	1.00	1.7098	1.70	_____
Furrow irrg - soy	gal	1.00	13.8000	13.80	_____
REPAIR & MAINTENANCE					
Implements	acre	2.68	1.0000	2.68	_____
Tractors	acre	5.36	1.0000	5.36	_____
Self-Propelled Eq.	acre	3.37	1.0000	3.37	_____
Furrow irrg - soy	acre	4.35	1.0000	4.35	_____
INTEREST ON OP. CAP.	acre	3.26	1.0000	3.26	_____
TOTAL DIRECT EXPENSES				134.39	_____
FIXED EXPENSES					
Implements	acre	4.96	1.0000	4.96	_____
Tractors	acre	12.27	1.0000	12.27	_____
Self-Propelled Eq.	acre	11.46	1.0000	11.46	_____
Furrow irrg - soy	acre	23.25	1.0000	23.25	_____
TOTAL FIXED EXPENSES				51.94	_____
TOTAL SPECIFIED EXPENSES				186.34	_____

Visit our web site at <http://www.aragriculture.org>

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 Soybeans, Furrow Irrigated, Mixed 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-----			
Chisel plow	21'	MFWD190	0.092	1.00	Apr	1.75	1.74	0.17	0.33	0.119	0.76				4.76
Field cultivator	25.5'	MFWD190	0.054	2.00	May	2.05	2.04	0.40	0.86	0.140	0.89				6.27
Cstm ap grd fert dry	acre			1.00	May							1.0000	4.00	4.00	4.00
0-18-36	lb											200.0000	0.07	15.80	15.80
Triple K w/ sprayer	26.67'	MFWD190	0.086	1.00	May	1.63	1.62	0.49	0.92	0.137	0.87				5.56
Treflan 4EC	pint											1.5000	3.12	4.68	4.68
Scepter (eco-pak)	ounce											1.4000	5.13	7.18	7.18
Water tank	1000 gal	170	0.131	0.12	May	0.19	0.10	0.01	0.02	0.003	0.02				0.35
Planter 8r@30"	20'	2WD 150	0.115	1.00	May	1.64	1.54	0.80	1.36	0.276	1.76				7.13
Soybean seed-private	lb											50.0000	0.32	16.00	16.00
Vitavax-Moly	bu											0.8300	1.25	1.03	1.03
Row cult 8r@30"	20'	2WD 150	0.129	1.00	Jun	1.85	1.72	0.29	0.50	0.167	1.07				5.45
Sprayer, broadcast	20'	2WD 150	0.127	1.00	Jun	1.82	1.70	0.19	0.42	0.203	1.29				5.44
Reflex 2LC	pint											0.7500	10.00	7.50	7.50
Surfactant SL(80-20)	pint											0.1250	0.87	0.10	0.10
Water tank	1000 gal	170	0.131	0.06	Jun	0.09	0.05	0.00	0.01	0.001	0.01				0.17
Row cult 8r@30"	20'	2WD 150	0.129	1.00	Jun	1.85	1.72	0.29	0.50	0.167	1.07				5.45
Flex irrigation tube	acre			1.00	Jul							1.0000	5.75	5.75	5.75
Furrow irrg - soy	ac in			1.00	Jul			3.63	4.65	0.450	2.87	3.0000			11.15
Furrow irrg - soy	ac in			1.00	Jul			3.63	4.65	0.450	2.87	3.0000			11.15
Furrow irrg - soy	ac in			1.00	Aug			3.63	4.65	0.450	2.87	3.0000			11.15
Furrow irrg - soy	ac in			1.00	Aug			3.63	4.65	0.450	2.87	3.0000			11.15
Furrow irrg - soy	ac in			1.00	Sep			3.63	4.65	0.450	2.87	3.0000			11.15
Combine 4WD Soybean	25'		0.166	1.00	Oct			5.08	11.46	0.207	1.32				17.87
Custom haul	bu			1.00	Oct							45.0000	0.15	6.75	6.75
TOTALS						12.91	12.27	25.92	39.67	3.674	23.47			68.80	183.07
INTEREST ON OPERATING CAPITAL															3.26
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															186.34

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 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

Soybeans, Flood Irrigated, Following Rice Loamy Soils, 2002

AG-657-11-01

Tony E. Windham, Extension Economist - Management
Jennifer Lafferty, Agricultural Economics Associate

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-private	lb	0.32	45.0000	14.40	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Cstm lsr surv soy&gs	acre	1.25	1.0000	1.25	_____
Cstm ap air herbicid	acre	4.50	1.0000	4.50	_____
Custom haul	bu	0.15	45.0000	6.75	_____
FERTILIZER & LIME					
0-18-36	lb	0.07	200.0000	15.80	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	bu	1.25	0.7500	0.93	_____
HERBICIDES					
Dual 8E	pint	7.11	2.0000	14.22	_____
Canopy SP	lb	32.00	0.2500	8.00	_____
Typhoon	pint	6.13	3.6000	22.06	_____
Surfactant SL(80-20)	pint	0.87	0.4000	0.35	_____
Select	pint	21.88	0.2500	5.47	_____
OPERATOR LABOR					
Implements	hour	6.39	0.4685	2.99	_____
Tractors	hour	6.39	1.5038	9.60	_____
Self-Propelled Eq.	hour	6.39	0.2075	1.32	_____
IRRIGATION LABOR					
Flood irrig	hour	6.39	0.1300	0.83	_____
DIESEL FUEL					
Tractors	gal	1.00	12.9233	12.92	_____
Self-Propelled Eq.	gal	1.00	1.7098	1.70	_____
Flood irrig	gal	1.00	13.0000	13.00	_____
REPAIR & MAINTENANCE					
Implements	acre	3.65	1.0000	3.65	_____
Tractors	acre	9.25	1.0000	9.25	_____
Self-Propelled Eq.	acre	3.37	1.0000	3.37	_____
Flood irrig	acre	2.79	1.0000	2.79	_____
INTEREST ON OP. CAP.	acre	4.13	1.0000	4.13	_____
TOTAL DIRECT EXPENSES				163.35	_____
FIXED EXPENSES					
Implements	acre	7.64	1.0000	7.64	_____
Tractors	acre	21.18	1.0000	21.18	_____
Self-Propelled Eq.	acre	11.46	1.0000	11.46	_____
Flood irrig	acre	16.33	1.0000	16.33	_____
TOTAL FIXED EXPENSES				56.61	_____
TOTAL SPECIFIED EXPENSES				219.97	_____

Visit our web site at <http://www.aragriculture.org>

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 Soybeans, Flood Irrigated Following Rice, Loamy 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	2.00	Apr	3.12	3.10	0.88	2.06	0.213	1.36					10.54
Land float	16'x 56'	MFWD190	0.138	2.00	Apr	5.25	5.23	0.18	0.71	0.358	2.29					13.67
Cstm ap grd fert dry	acre			1.00	May							1.0000	4.00	4.00		4.00
0-18-36	lb											200.0000	0.07	15.80		15.80
Triple K w/ sprayer	26.67'	MFWD190	0.086	1.00	May	1.63	1.62	0.49	0.92	0.137	0.87					5.56
Dual 8E	pint											2.0000	7.11	14.22		14.22
Canopy SP	lb											0.2500	32.00	8.00		8.00
Water tank	1000 gal	170	0.131	0.12	May	0.19	0.10	0.01	0.02	0.003	0.02					0.35
Planter 8r@30"	20'	2WD 150	0.115	1.00	May	1.64	1.54	0.80	1.36	0.276	1.76					7.13
Soybean seed-private lb												45.0000	0.32	14.40		14.40
Vitavax-Moly	bu											0.7500	1.25	0.93		0.93
Ditcher, rear mount	3'	2WD 150	1.618	0.01	May	0.23	0.21	0.12	0.21	0.021	0.13					0.93
Sprayer, dir 8r@30"	20'	2WD 150	0.127	1.00	Jun	1.82	1.70	0.15	0.33	0.203	1.29					5.31
Typhoon	pint											3.6000	6.13	22.06		22.06
Surfactant SL(80-20)	pint											0.4000	0.87	0.35		0.35
Water tank	1000 gal	170	0.131	0.06	Jun	0.09	0.05	0.00	0.01	0.001	0.01					0.17
Cstm lsr surv soy&gs	acre			1.00	Jun							1.0000	1.25	1.25		1.25
Row cult 8r@30"	20'	2WD 150	0.129	1.00	Jun	1.85	1.72	0.29	0.50	0.167	1.07					5.45
Row cult 8r@30"	20'	2WD 150	0.129	1.00	Jul	1.85	1.72	0.29	0.50	0.167	1.07					5.45
Levee disk-build	9'	2WD 170	0.196	0.15	Jul	0.47	0.44	0.05	0.11	0.038	0.24					1.32
Blade, rear mount	8'	2WD 105	0.645	0.05	Jul	0.32	0.30	0.01	0.05	0.041	0.26					0.95
Flood irrig	ac-in			1.00	Jul			4.86	16.33	0.040	0.25	4.0000				21.44
Levee disk-knock dwn	9'	2WD 170	0.196	0.10	Aug	0.31	0.29	0.03	0.07	0.025	0.16					0.88
Levee disk-build	9'	2WD 170	0.196	0.15	Aug	0.47	0.44	0.05	0.11	0.038	0.24					1.32
Blade, rear mount	8'	2WD 105	0.645	0.05	Aug	0.32	0.30	0.01	0.05	0.041	0.26					0.95
Cstm ap air herbicid	acre			1.00	Aug							1.0000	4.50	4.50		4.50
Select	pint											0.2500	21.88	5.47		5.47
Flood irrig	ac-in			1.00	Aug			3.64		0.030	0.19	3.0000				3.83
Levee disk-knock dwn	9'	2WD 170	0.196	0.10	Aug	0.31	0.29	0.03	0.07	0.025	0.16					0.88
Levee disk-build	9'	2WD 170	0.196	0.15	Aug	0.47	0.44	0.05	0.11	0.038	0.24					1.32
Blade, rear mount	8'	2WD 105	0.645	0.05	Aug	0.32	0.30	0.01	0.05	0.041	0.26					0.95
Flood irrig	ac-in			1.00	Aug			3.64		0.030	0.19	3.0000				3.83
Levee disk-knock dwn	9'	2WD 170	0.196	0.10	Sep	0.31	0.29	0.03	0.07	0.025	0.16					0.88
Levee disk-build	9'	2WD 170	0.196	0.15	Sep	0.47	0.44	0.05	0.11	0.038	0.24					1.32
Blade, rear mount	8'	2WD 105	0.645	0.05	Sep	0.32	0.30	0.01	0.05	0.041	0.26					0.95
Flood irrig	ac-in			1.00	Sep			3.64		0.030	0.19	3.0000				3.83
Levee disk-knock dwn	9'	2WD 170	0.196	0.10	Sep	0.31	0.29	0.03	0.07	0.025	0.16					0.88
Combine 4WD Soybean	25'		0.166	1.00	Oct			5.08	11.46	0.207	1.32					17.87
Custom haul	bu			1.00	Oct							45.0000	0.15	6.75		6.75
TOTALS						22.17	21.18	24.53	35.43	2.309	14.76			97.74		215.83
INTEREST ON OPERATING CAPITAL																4.13
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																219.97

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 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

Soybeans, Flood Irrigated, Following Wheat, Loamy Soils, 2002

AG-658-11-01

Tony E. Windham, Extension Economist - Management
Jennifer Lafferty, Agricultural Economics Associate

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-private	lb	0.32	45.0000	14.40	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Cstm lsr surv soy&gs	acre	1.25	1.0000	1.25	_____
Custom haul	bu	0.15	45.0000	6.75	_____
FERTILIZER & LIME					
0-20-30	lb	0.08	150.0000	13.05	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	bu	1.25	0.7500	0.93	_____
HERBICIDES					
Treflan 4EC	pint	3.12	1.5000	4.68	_____
Reflex 2LC	pint	10.00	1.0000	10.00	_____
Surfactant SL(80-20)	pint	0.87	0.1250	0.10	_____
OPERATOR LABOR					
Implements	hour	6.39	0.3868	2.47	_____
Tractors	hour	6.39	1.0546	6.73	_____
Self-Propelled Eq.	hour	6.39	0.2075	1.32	_____
IRRIGATION LABOR					
Flood irrig	hour	6.39	0.1000	0.63	_____
DIESEL FUEL					
Tractors	gal	1.00	8.7801	8.78	_____
Self-Propelled Eq.	gal	1.00	1.7098	1.70	_____
Flood irrig	gal	1.00	10.0000	10.00	_____
REPAIR & MAINTENANCE					
Implements	acre	3.01	1.0000	3.01	_____
Tractors	acre	6.13	1.0000	6.13	_____
Self-Propelled Eq.	acre	3.37	1.0000	3.37	_____
Flood irrig	acre	2.15	1.0000	2.15	_____
INTEREST ON OP. CAP.	acre	1.85	1.0000	1.85	_____
TOTAL DIRECT EXPENSES				103.36	_____
FIXED EXPENSES					
Implements	acre	5.88	1.0000	5.88	_____
Tractors	acre	14.03	1.0000	14.03	_____
Self-Propelled Eq.	acre	11.46	1.0000	11.46	_____
Flood irrig	acre	16.33	1.0000	16.33	_____
TOTAL FIXED EXPENSES				47.71	_____
TOTAL SPECIFIED EXPENSES				151.08	_____

Visit our web site at <http://www.aragriculture.org>

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 Soybeans, Flood Irrigated Following Wheat, Loamy 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-----			
Cstm ap grd fert dry	acre			1.00	Oct							1.0000	4.00	4.00	4.00
0-20-30	lb											150.0000	0.08	13.05	13.05
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Jun	1.56	1.55	0.44	1.03	0.106	0.68				5.27
Field cultivator	29.58'	MFWD190	0.047	1.00	Jun	0.89	0.89	0.21	0.45	0.061	0.39				2.84
Triple K w/ sprayer	26.67'	MFWD190	0.086	1.00	Jun	1.63	1.62	0.49	0.92	0.137	0.87				5.56
Treflan 4EC	pint											1.5000	3.12	4.68	4.68
Water tank	1000 gal	170	0.131	0.12	Jun	0.19	0.10	0.01	0.02	0.003	0.02				0.35
Planter 8r@30"	20'	2WD 150	0.115	1.00	Jun	1.64	1.54	0.80	1.36	0.276	1.76				7.13
Soybean seed-private	lb											45.0000	0.32	14.40	14.40
Vitavax-Moly	bu											0.7500	1.25	0.93	0.93
Sprayer, dir 8r@30"	20'	2WD 150	0.127	1.00	Jun	1.82	1.70	0.15	0.33	0.203	1.29				5.31
Reflex 2LC	pint											1.0000	10.00	10.00	10.00
Surfactant SL(80-20)	pint											0.1250	0.87	0.10	0.10
Water tank	1000 gal	170	0.131	0.06	Jun	0.09	0.05	0.00	0.01	0.001	0.01				0.17
Row cult 8r@30"	20'	2WD 150	0.129	1.00	Jul	1.85	1.72	0.29	0.50	0.167	1.07				5.45
Row cult 8r@30"	20'	2WD 150	0.129	1.00	Jul	1.85	1.72	0.29	0.50	0.167	1.07				5.45
Cstm lsr surv soy&gs	acre			1.00	Jul							1.0000	1.25	1.25	1.25
Levee disk-build	9'	2WD 170	0.196	0.15	Jul	0.47	0.44	0.05	0.11	0.038	0.24				1.32
Blade, rear mount	8'	2WD 105	0.645	0.05	Jul	0.32	0.30	0.01	0.05	0.041	0.26				0.95
Flood irrig	ac-in			1.00	Jul			4.86	16.33	0.040	0.25	4.0000			21.44
Levee disk-knock dwn	9'	2WD 170	0.196	0.10	Aug	0.31	0.29	0.03	0.07	0.025	0.16				0.88
Levee disk-build	9'	2WD 170	0.196	0.15	Aug	0.47	0.44	0.05	0.11	0.038	0.24				1.32
Blade, rear mount	8'	2WD 105	0.645	0.05	Aug	0.32	0.30	0.01	0.05	0.041	0.26				0.95
Flood irrig	ac-in			1.00	Aug			3.64		0.030	0.19	3.0000			3.83
Levee disk-knock dwn	9'	2WD 170	0.196	0.10	Aug	0.31	0.29	0.03	0.07	0.025	0.16				0.88
Levee disk-build	9'	2WD 170	0.196	0.15	Sep	0.47	0.44	0.05	0.11	0.038	0.24				1.32
Blade, rear mount	8'	2WD 105	0.645	0.05	Sep	0.32	0.30	0.01	0.05	0.041	0.26				0.95
Flood irrig	ac-in			1.00	Sep			3.64		0.030	0.19	3.0000			3.83
Levee disk-knock dwn	9'	2WD 170	0.196	0.10	Oct	0.31	0.29	0.03	0.07	0.025	0.16				0.88
Combine 4WD Soybean	25'		0.166	1.00	Oct			5.08	11.46	0.207	1.32				17.87
Custom haul	bu			1.00	Oct							45.0000	0.15	6.75	6.75
TOTALS						14.91	14.03	20.24	33.67	1.748	11.17			55.17	149.22
INTEREST ON OPERATING CAPITAL															1.85
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															151.08

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 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

Soybeans, Flood Irrigated No-Till, Following Wheat, Roundup Ready, Loamy Soils, 2002

AG-659-01-02

Tony E. Windham, Extension Economist - Management
Jennifer Lafferty, Agricultural Economics Associate

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-RR	lb	0.48	55.0000	26.40	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Cstm ap grd herbicid	acre	4.00	1.0000	4.00	_____
Cstm lsr surv soy&gs	acre	1.25	1.0000	1.25	_____
Custom haul	bu	0.15	45.0000	6.75	_____
FERTILIZER & LIME					
0-20-30	lb	0.08	150.0000	13.05	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	bu	1.25	0.9200	1.15	_____
HERBICIDES					
Roundup Ultra	pint	4.25	3.0000	12.75	_____
OPERATOR LABOR					
Implements	hour	6.39	0.2560	1.63	_____
Tractors	hour	6.39	0.5202	3.32	_____
Self-Propelled Eq.	hour	6.39	0.2075	1.32	_____
IRRIGATION LABOR					
Flood irrig	hour	6.39	0.0800	0.51	_____
DIESEL FUEL					
Tractors	gal	1.00	4.3577	4.35	_____
Self-Propelled Eq.	gal	1.00	1.7098	1.70	_____
Flood irrig	gal	1.00	8.0000	8.00	_____
REPAIR & MAINTENANCE					
Implements	acre	2.89	1.0000	2.89	_____
Tractors	acre	3.03	1.0000	3.03	_____
Self-Propelled Eq.	acre	3.37	1.0000	3.37	_____
Flood irrig	acre	1.72	1.0000	1.72	_____
INTEREST ON OP. CAP.	acre	1.91	1.0000	1.91	_____

TOTAL DIRECT EXPENSES				103.14	_____
FIXED EXPENSES					
Implements	acre	6.06	1.0000	6.06	_____
Tractors	acre	6.93	1.0000	6.93	_____
Self-Propelled Eq.	acre	11.46	1.0000	11.46	_____
Flood irrig	acre	16.33	1.0000	16.33	_____

TOTAL FIXED EXPENSES				40.79	_____

TOTAL SPECIFIED EXPENSES				143.94	_____

Visit our web site at <http://www.aragriculture.org>

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 Soybeans, Flood Irrigated No-Till, Following Wheat, Roundup Ready, Loamy 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-----			
Cstm ap grd fert dry	acre			1.00	Oct							1.0000	4.00	4.00	4.00
0-20-30	lb											150.0000	0.08	13.05	13.05
Sprayer, broadcast	26.67'	2WD 150	0.095	1.00	Jun	1.36	1.27	0.16	0.36	0.152	0.97				4.13
Roundup Ultra	pint											1.5000	4.25	6.37	6.37
Water tank	1000 gal	170	0.131	0.12	Jun	0.19	0.10	0.01	0.02	0.003	0.02				0.35
Grain drill, no-till	20'	MFWD190	0.118	1.00	Jun	2.24	2.23	2.30	4.73	0.283	1.80				13.33
Soybean seed-RR	lb											55.0000	0.48	26.40	26.40
Vitavax-Moly	bu											0.9200	1.25	1.15	1.15
Ditcher, rear mount	3'	2WD 150	1.618	0.01	Jun	0.23	0.21	0.12	0.21	0.021	0.13				0.93
Cstm ap grd herbicid	acre			1.00	Jun							1.0000	4.00	4.00	4.00
Roundup Ultra	pint											1.5000	4.25	6.37	6.37
Cstm lsr surv soy&gs	acre			1.00	Jun							1.0000	1.25	1.25	1.25
Levee disk-build	9'	2WD 170	0.196	0.15	Jul	0.47	0.44	0.05	0.11	0.038	0.24				1.32
Blade, rear mount	8'	2WD 105	0.645	0.05	Jul	0.32	0.30	0.01	0.05	0.041	0.26				0.95
Flood irrig	ac-in			1.00	Jul			3.64	16.33	0.030	0.19	3.0000			20.16
Levee disk-knock dwn	9'	2WD 170	0.196	0.10	Aug	0.31	0.29	0.03	0.07	0.025	0.16				0.88
Levee disk-build	9'	2WD 170	0.196	0.15	Aug	0.47	0.44	0.05	0.11	0.038	0.24				1.32
Blade, rear mount	8'	2WD 105	0.645	0.05	Aug	0.32	0.30	0.01	0.05	0.041	0.26				0.95
Flood irrig	ac-in			1.00	Aug			3.03		0.025	0.15	2.5000			3.19
Levee disk-knock dwn	9'	2WD 170	0.196	0.10	Aug	0.31	0.29	0.03	0.07	0.025	0.16				0.88
Levee disk-build	9'	2WD 170	0.196	0.15	Sep	0.47	0.44	0.05	0.11	0.038	0.24				1.32
Blade, rear mount	8'	2WD 105	0.645	0.05	Sep	0.32	0.30	0.01	0.05	0.041	0.26				0.95
Flood irrig	ac-in			1.00	Sep			3.03		0.025	0.15	2.5000			3.19
Levee disk-knock dwn	9'	2WD 170	0.196	0.10	Oct	0.31	0.29	0.03	0.07	0.025	0.16				0.88
Combine 4WD Soybean	25'		0.166	1.00	Oct			5.08	11.46	0.207	1.32				17.87
Custom haul	bu			1.00	Oct							45.0000	0.15	6.75	6.75
TOTALS						7.38	6.93	17.69	33.85	1.063	6.79			69.35	142.03
INTEREST ON OPERATING CAPITAL															1.91
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															143.94

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 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

Soybeans, Non-Irrigated Following Wheat, Roundup Ready, Mixed Soils, 2002

AG-660-11-01

Tony E. Windham, Extension Economist - Management
Jennifer Lafferty, Agricultural Economics Associate

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-RR	lb	0.48	55.0000	26.40	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Cstm ap grd herbicid	acre	4.00	2.0000	8.00	_____
Custom haul	bu	0.15	25.0000	3.75	_____
FERTILIZER & LIME					
0-20-30	lb	0.08	150.0000	13.05	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	bu	1.25	0.9200	1.15	_____
HERBICIDES					
Roundup Ultra	pint	4.25	3.0000	12.75	_____
Classic	oz	11.25	0.2500	2.81	_____
OPERATOR LABOR					
Implements	hour	6.39	0.1534	0.98	_____
Tractors	hour	6.39	0.1298	0.82	_____
Self-Propelled Eq.	hour	6.39	0.2075	1.32	_____
DIESEL FUEL					
Tractors	gal	1.00	1.1357	1.13	_____
Self-Propelled Eq.	gal	1.00	1.7098	1.70	_____
REPAIR & MAINTENANCE					
Implements	acre	0.82	1.0000	0.82	_____
Tractors	acre	0.77	1.0000	0.77	_____
Self-Propelled Eq.	acre	3.37	1.0000	3.37	_____
INTEREST ON OP. CAP.	acre	1.58	1.0000	1.58	_____

TOTAL DIRECT EXPENSES				84.44	_____
FIXED EXPENSES					
Implements	acre	1.68	1.0000	1.68	_____
Tractors	acre	1.77	1.0000	1.77	_____
Self-Propelled Eq.	acre	11.46	1.0000	11.46	_____

TOTAL FIXED EXPENSES				14.92	_____

TOTAL SPECIFIED EXPENSES				99.36	_____

Visit our web site at <http://www.aragriculture.org>

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 Soybeans, Non-Irrigated, Following Wheat, Roundup Ready, Mixed 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-----			
Cstm ap grd fert dry	acre			1.00	Oct							1.0000	4.00	4.00	4.00
0-20-30	lb											150.0000	0.08	13.05	13.05
Grain drill	20'	2WD 170	0.118	1.00	Jun	1.90	1.77	0.82	1.68	0.283	1.80				7.99
Soybean seed-RR	lb											55.0000	0.48	26.40	26.40
Vitavax-Moly	bu											0.9200	1.25	1.15	1.15
Cstm ap grd herbicid	acre			1.00	Jun							1.0000	4.00	4.00	4.00
Roundup Ultra	pint											1.5000	4.25	6.37	6.37
Cstm ap grd herbicid	acre			1.00	Jul							1.0000	4.00	4.00	4.00
Roundup Ultra	pint											1.5000	4.25	6.37	6.37
Classic	oz											0.2500	11.25	2.81	2.81
Combine 4WD Soybean	25'		0.166	1.00	Oct			5.08	11.46	0.207	1.32				17.87
Custom haul	bu			1.00	Oct							25.0000	0.15	3.75	3.75
TOTALS						1.90	1.77	5.90	13.15	0.490	3.13			71.91	97.78
INTEREST ON OPERATING CAPITAL															1.58
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															99.36

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 name, not does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

AG-660-11-01



Estimating 2002 Costs of Production

Soybeans, Center Pivot Irrigated, No-Till Following Wheat, Clay and Mixed Soils, 2002

AG-661-01-02

Tony E. Windham, Extension Economist - Management
Jennifer Lafferty, Agricultural Economics Associate

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-private	lb	0.32	60.0000	19.20	_____
CUSTOM WORK					
Cstm ap grd herbicid	acre	4.00	2.0000	8.00	_____
Custom haul	bu	0.15	45.0000	6.75	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	bu	1.25	1.0000	1.25	_____
HERBICIDES					
Gramoxone Extra	pint	3.33	1.5000	4.99	_____
Canopy SP	lb	32.00	0.2500	8.00	_____
Surfactant SL(80-20)	pint	0.87	0.5000	0.43	_____
Storm	pint	9.06	1.5000	13.59	_____
OPERATOR LABOR					
Implements	hour	6.39	0.1534	0.98	_____
Tractors	hour	6.39	0.1298	0.82	_____
Self-Propelled Eq.	hour	6.39	0.2075	1.32	_____
IRRIGATION LABOR					
Center pivot irrg.	hour	6.39	0.0560	0.35	_____
DIESEL FUEL					
Tractors	gal	1.00	1.2682	1.26	_____
Self-Propelled Eq.	gal	1.00	1.7098	1.70	_____
Center pivot irrg.	gal	1.00	14.0000	14.00	_____
REPAIR & MAINTENANCE					
Implements	acre	2.30	1.0000	2.30	_____
Tractors	acre	0.97	1.0000	0.97	_____
Self-Propelled Eq.	acre	3.37	1.0000	3.37	_____
Center pivot irrg.	acre	6.04	1.0000	6.04	_____
INTEREST ON OP. CAP.	acre	2.14	1.0000	2.14	_____

TOTAL DIRECT EXPENSES				97.52	_____
FIXED EXPENSES					
Implements	acre	4.73	1.0000	4.73	_____
Tractors	acre	2.23	1.0000	2.23	_____
Self-Propelled Eq.	acre	11.46	1.0000	11.46	_____
Center pivot irrg.	acre	51.03	1.0000	51.03	_____

TOTAL FIXED EXPENSES				69.46	_____

TOTAL SPECIFIED EXPENSES				166.99	_____

Visit our web site at <http://www.aragriculture.org>

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 Soybeans, Center Pivot Irrigated, No-Till Following Wheat, Clay and Mixed 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-----			
Cstm ap grd herbicid	acre			1.00	Jun							1.0000	4.00	4.00	4.00
Gramoxone Extra	pint											1.5000	3.33	4.99	4.99
Canopy SP	lb											0.2500	32.00	8.00	8.00
Surfactant SL(80-20)	pint											0.2500	0.87	0.21	0.21
Grain drill, no-till 20'		MFWD190	0.118	1.00	Jun	2.24	2.23	2.30	4.73	0.283	1.80				13.33
Soybean seed-private	lb											60.0000	0.32	19.20	19.20
Vitavax-Moly	bu											1.0000	1.25	1.25	1.25
Cstm ap grd herbicid	acre			1.00	Jun							1.0000	4.00	4.00	4.00
Storm	pint											1.5000	9.06	13.59	13.59
Surfactant SL(80-20)	pint											0.2500	0.87	0.21	0.21
Center pivot irrg.	ac in			1.00	Jun			2.86	51.03	0.008	0.05	1.0000			53.94
Center pivot irrg.	ac in			1.00	Jul			2.86		0.008	0.05	1.0000			2.91
Center pivot irrg.	ac in			1.00	Jul			2.86		0.008	0.05	1.0000			2.91
Center pivot irrg.	ac in			1.00	Jul			2.86		0.008	0.05	1.0000			2.91
Center pivot irrg.	ac in			1.00	Aug			2.86		0.008	0.05	1.0000			2.91
Center pivot irrg.	ac in			1.00	Aug			2.86		0.008	0.05	1.0000			2.91
Center pivot irrg.	ac in			1.00	Sep			2.86		0.008	0.05	1.0000			2.91
Combine 4WD Soybean	25'		0.166	1.00	Oct			5.08	11.46	0.207	1.32				17.87
Custom haul	bu			1.00	Oct							45.0000	0.15	6.75	6.75
TOTALS						2.24	2.23	27.42	67.23	0.546	3.49			62.22	164.85
INTEREST ON OPERATING CAPITAL															2.14
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															166.99

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 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

Soybeans, Early Season, Non-Irrigated, Loamy Soils, Roundup Ready, 2002

AG-662-11-01

Tony E. Windham, Extension Economist - Management
Jennifer Lafferty, Agricultural Economics Associate

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-RR	lb	0.48	60.0000	28.80	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Cstm ap grd herbicid	acre	4.00	2.0000	8.00	_____
Cstm ap air insectic	acre	4.50	1.0000	4.50	_____
Custom haul	bu	0.15	25.0000	3.75	_____
FERTILIZER & LIME					
0-18-36	lb	0.07	200.0000	15.80	_____
FUNGICIDE & SEED TR.					
Apron XL	oz	7.36	0.3000	2.20	_____
Vitavax-Moly	bu	1.25	1.0000	1.25	_____
HERBICIDES					
Roundup Ultra	pint	4.25	3.0000	12.75	_____
INSECTICIDES					
Methyl Parathion 4EC	pint	3.50	1.0000	3.50	_____
OPERATOR LABOR					
Implements	hour	6.39	0.1630	1.04	_____
Tractors	hour	6.39	0.3099	1.98	_____
Self-Propelled Eq.	hour	6.39	0.2075	1.32	_____
DIESEL FUEL					
Tractors	gal	1.00	2.8013	2.80	_____
Self-Propelled Eq.	gal	1.00	1.7098	1.70	_____
REPAIR & MAINTENANCE					
Implements	acre	2.18	1.0000	2.18	_____
Tractors	acre	2.08	1.0000	2.08	_____
Self-Propelled Eq.	acre	3.37	1.0000	3.37	_____
INTEREST ON OP. CAP.	acre	3.31	1.0000	3.31	_____

TOTAL DIRECT EXPENSES				104.38	_____
FIXED EXPENSES					
Implements	acre	4.20	1.0000	4.20	_____
Tractors	acre	4.78	1.0000	4.78	_____
Self-Propelled Eq.	acre	11.46	1.0000	11.46	_____

TOTAL FIXED EXPENSES				20.44	_____

TOTAL SPECIFIED EXPENSES				124.83	_____

Visit our web site at <http://www.aragriculture.org>

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 Soybeans, Early Season Non-Irrigated, Loamy Soils, Roundup Ready, 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	Apr	1.56	1.55	0.44	1.03	0.106	0.68				5.27
Field cultivator	29.58'	MFWD190	0.047	1.00	Apr	0.89	0.89	0.21	0.45	0.061	0.39				2.84
Cstm ap grd fert dry	acre			1.00	Apr							1.0000	4.00	4.00	4.00
0-18-36	lb											200.0000	0.07	15.80	15.80
Triple K	26.67'	MFWD190	0.052	1.00	Apr	0.98	0.98	0.26	0.56	0.067	0.43				3.23
Planter nar 13r@19"	23.75'	2WD 150	0.097	1.00	Apr	1.39	1.29	1.26	2.13	0.232	1.48				7.57
Soybean seed-RR	lb											60.0000	0.48	28.80	28.80
Apron XL	oz											0.3000	7.36	2.20	2.20
Vitavax-Moly	bu											1.0000	1.25	1.25	1.25
Furrow ditcher	8'	2WD 150	0.380	0.01	Apr	0.05	0.05	0.00	0.01	0.004	0.03				0.16
Cstm ap grd herbicid	acre			1.00	May							1.0000	4.00	4.00	4.00
Roundup Ultra	pint											1.5000	4.25	6.37	6.37
Cstm ap grd herbicid	acre			1.00	Jun							1.0000	4.00	4.00	4.00
Roundup Ultra	pint											1.5000	4.25	6.37	6.37
Cstm ap air insectic	acre			1.00	Jul							1.0000	4.50	4.50	4.50
Methyl Parathion 4EC	pint											1.0000	3.50	3.50	3.50
Combine 4WD Soybean	25'		0.166	1.00	Aug			5.08	11.46	0.207	1.32				17.87
Custom haul	bu			1.00	Aug							25.0000	0.15	3.75	3.75
TOTALS						4.89	4.78	7.27	15.66	0.680	4.34			84.55	121.51
INTEREST ON OPERATING CAPITAL															3.31
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															124.83

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 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

Soybeans, Border Irrigated Following Wheat, Loamy Soils, Roundup Ready, 2002

AG-663-11-01

Tony E. Windham, Extension Economist - Management
Jennifer Lafferty, Agricultural Economics Associate

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-RR	lb	0.48	60.0000	28.80	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Cstm ap grd herbicid	acre	4.00	2.0000	8.00	_____
Custom haul	bu	0.15	45.0000	6.75	_____
FERTILIZER & LIME					
0-20-30	lb	0.08	150.0000	13.05	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	bu	1.25	1.0000	1.25	_____
HERBICIDES					
Roundup Ultra	pint	4.25	3.0000	12.75	_____
MISC. IRRIGATION					
Flex irrigation tube	acre	5.75	1.0000	5.75	_____
OPERATOR LABOR					
Implements	hour	6.39	0.1915	1.22	_____
Tractors	hour	6.39	0.3396	2.17	_____
Self-Propelled Eq.	hour	6.39	0.2075	1.32	_____
IRRIGATION LABOR					
Border Irrigation	hour	6.39	0.2400	1.53	_____
DIESEL FUEL					
Tractors	gal	1.00	3.0195	3.01	_____
Self-Propelled Eq.	gal	1.00	1.7098	1.70	_____
Border Irrigation	gal	1.00	12.0000	12.00	_____
REPAIR & MAINTENANCE					
Implements	acre	1.75	1.0000	1.75	_____
Tractors	acre	2.24	1.0000	2.24	_____
Self-Propelled Eq.	acre	3.37	1.0000	3.37	_____
Border Irrigation	acre	2.58	1.0000	2.58	_____
INTEREST ON OP. CAP.	acre	2.19	1.0000	2.19	_____
TOTAL DIRECT EXPENSES				115.48	_____
FIXED EXPENSES					
Implements	acre	3.77	1.0000	3.77	_____
Tractors	acre	5.12	1.0000	5.12	_____
Self-Propelled Eq.	acre	11.46	1.0000	11.46	_____
Border Irrigation	acre	16.33	1.0000	16.33	_____
TOTAL FIXED EXPENSES				36.69	_____
TOTAL SPECIFIED EXPENSES				152.17	_____

Visit our web site at <http://www.aragriculture.org>

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 Soybeans, Border Irrigated Following Wheat, Loamy Soils, Roundup Ready, 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-----			
Cstm ap grd fert dry	acre			1.00	Oct							1.0000	4.00	4.00	4.00
0-20-30	lb											150.0000	0.08	13.05	13.05
Disk, medium cut	26.41'	MFWD190	0.082	1.00	Jun	1.56	1.55	0.44	1.03	0.106	0.68				5.27
Field cultivator	29.58'	MFWD190	0.047	1.00	Jun	0.89	0.89	0.21	0.45	0.061	0.39				2.84
Triple K	26.67'	MFWD190	0.052	1.00	Jun	0.98	0.98	0.26	0.56	0.067	0.43				3.23
Grain drill	20'	2WD 150	0.118	1.00	Jun	1.69	1.58	0.82	1.68	0.283	1.80				7.59
Soybean seed-RR	lb											60.0000	0.48	28.80	28.80
Vitavax-Moly	bu											1.0000	1.25	1.25	1.25
Cstm ap grd herbicid	acre			1.00	Jun							1.0000	4.00	4.00	4.00
Roundup Ultra	pint											1.5000	4.25	6.37	6.37
Border levee-build	6'	2WD 130	0.196	0.05	Jul	0.12	0.11	0.01	0.03	0.012	0.08				0.37
Cstm ap grd herbicid	acre			1.00	Jul							1.0000	4.00	4.00	4.00
Roundup Ultra	pint											1.5000	4.25	6.37	6.37
Flex irrigation tube	acre			1.00	Jul							1.0000	5.75	5.75	5.75
Border Irrigation	ac in			1.00	Jul			3.64	16.33	0.060	0.38	3.0000			20.35
Border Irrigation	ac in			1.00	Jul			3.64		0.060	0.38	3.0000			4.02
Border Irrigation	ac in			1.00	Aug			3.64		0.060	0.38	3.0000			4.02
Border Irrigation	ac in			1.00	Aug			3.64		0.060	0.38	3.0000			4.02
Combine 4WD Soybean	25'		0.166	1.00	Oct			5.08	11.46	0.207	1.32				17.87
Custom haul	bu			1.00	Oct							45.0000	0.15	6.75	6.75
TOTALS						5.26	5.12	21.42	31.56	0.978	6.25			80.35	149.98
INTEREST ON OPERATING CAPITAL															2.19
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															152.17

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 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

Soybeans, Flood Irrigated Following Rice, Loamy Soils, Roundup Ready, 2002

AG-664-11-01

Tony E. Windham, Extension Economist - Management
Jennifer Lafferty, Agricultural Economics Associate

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CROP SEED					
Soybean seed-RR	lb	0.48	45.0000	21.60	_____
CUSTOM WORK					
Cstm ap grd fert dry	acre	4.00	1.0000	4.00	_____
Cstm lsr surv soy&gs	acre	1.25	1.0000	1.25	_____
Custom haul	bu	0.15	45.0000	6.75	_____
FERTILIZER & LIME					
0-18-36	lb	0.07	200.0000	15.80	_____
FUNGICIDE & SEED TR.					
Vitavax-Moly	bu	1.25	0.7500	0.93	_____
HERBICIDES					
Roundup Ultra	pint	4.25	3.0000	12.75	_____
OPERATOR LABOR					
Implements	hour	6.39	0.5010	3.20	_____
Tractors	hour	6.39	1.6061	10.26	_____
Self-Propelled Eq.	hour	6.39	0.2075	1.32	_____
IRRIGATION LABOR					
Flood irrig	hour	6.39	0.1300	0.83	_____
DIESEL FUEL					
Tractors	gal	1.00	13.7143	13.71	_____
Self-Propelled Eq.	gal	1.00	1.7098	1.70	_____
Flood irrig	gal	1.00	13.0000	13.00	_____
REPAIR & MAINTENANCE					
Implements	acre	3.59	1.0000	3.59	_____
Tractors	acre	9.73	1.0000	9.73	_____
Self-Propelled Eq.	acre	3.37	1.0000	3.37	_____
Flood irrig	acre	2.79	1.0000	2.79	_____
INTEREST ON OP. CAP.	acre	3.32	1.0000	3.32	_____

TOTAL DIRECT EXPENSES				129.95	_____
FIXED EXPENSES					
Implements	acre	7.63	1.0000	7.63	_____
Tractors	acre	22.29	1.0000	22.29	_____
Self-Propelled Eq.	acre	11.46	1.0000	11.46	_____
Flood irrig	acre	16.33	1.0000	16.33	_____

TOTAL FIXED EXPENSES				57.71	_____

TOTAL SPECIFIED EXPENSES				187.67	_____

Visit our web site at <http://www.aragriculture.org>

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 Soybeans, Flood Irrigated Following Rice, Loamy Soils, Roundup Ready, 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	2.00	Apr	3.12	3.10	0.88	2.06	0.213	1.36				10.54
Land float	16'x 56'	MFWD190	0.138	2.00	Apr	5.25	5.23	0.18	0.71	0.358	2.29				13.67
Cstm ap grd fert dry	acre			1.00	May							1.0000	4.00	4.00	4.00
0-18-36	lb											200.0000	0.07	15.80	15.80
Triple K	26.67'	MFWD190	0.052	1.00	May	0.98	0.98	0.26	0.56	0.067	0.43				3.23
Water tank	1000 gal	170	0.131	0.12	May	0.19	0.10	0.01	0.02	0.003	0.02				0.35
Planter 8r@30"	20'	2WD 150	0.115	1.00	May	1.64	1.54	0.80	1.36	0.276	1.76				7.13
Soybean seed-RR	lb											45.0000	0.48	21.60	21.60
Vitavax-Moly	bu											0.7500	1.25	0.93	0.93
Ditcher, rear mount	3'	2WD 150	1.618	0.01	May	0.23	0.21	0.12	0.21	0.021	0.13				0.93
Water tank	1000 gal	170	0.131	0.06	May	0.09	0.05	0.00	0.01	0.001	0.01				0.17
Sprayer, dir 8r@30"	20'	2WD 150	0.127	1.00	May	1.82	1.70	0.15	0.33	0.203	1.29				5.31
Roundup Ultra	pint											1.5000	4.25	6.37	6.37
Cstm lsr surv soy&gs	acre			1.00	Jun							1.0000	1.25	1.25	1.25
Sprayer, dir 8r@30"	20'	2WD 150	0.127	1.00	Jun	1.82	1.70	0.15	0.33	0.203	1.29				5.31
Roundup Ultra	pint											1.5000	4.25	6.37	6.37
Row cult 8r@30"	20'	2WD 150	0.129	1.00	Jun	1.85	1.72	0.29	0.50	0.167	1.07				5.45
Water tank	1000 gal	170	0.131	0.06	Jun	0.09	0.05	0.00	0.01	0.001	0.01				0.17
Row cult 8r@30"	20'	2WD 150	0.129	1.00	Jul	1.85	1.72	0.29	0.50	0.167	1.07				5.45
Levee disk-build	9'	2WD 170	0.196	0.15	Jul	0.47	0.44	0.05	0.11	0.038	0.24				1.32
Blade, rear mount	8'	2WD 105	0.645	0.05	Jul	0.32	0.30	0.01	0.05	0.041	0.26				0.95
Flood irrig	ac-in			1.00	Jul			4.86	16.33	0.040	0.25	4.0000			21.44
Levee disk-knock dwn	9'	2WD 170	0.196	0.10	Aug	0.31	0.29	0.03	0.07	0.025	0.16				0.88
Levee disk-build	9'	2WD 170	0.196	0.15	Aug	0.47	0.44	0.05	0.11	0.038	0.24				1.32
Blade, rear mount	8'	2WD 105	0.645	0.05	Aug	0.32	0.30	0.01	0.05	0.041	0.26				0.95
Flood irrig	ac-in			1.00	Aug			3.64	0.030	0.19	0.19	3.0000			3.83
Levee disk-knock dwn	9'	2WD 170	0.196	0.10	Aug	0.31	0.29	0.03	0.07	0.025	0.16				0.88
Levee disk-build	9'	2WD 170	0.196	0.15	Aug	0.47	0.44	0.05	0.11	0.038	0.24				1.32
Blade, rear mount	8'	2WD 105	0.645	0.05	Aug	0.32	0.30	0.01	0.05	0.041	0.26				0.95
Flood irrig	ac-in			1.00	Aug			3.64	0.030	0.19	0.19	3.0000			3.83
Levee disk-knock dwn	9'	2WD 170	0.196	0.10	Sep	0.31	0.29	0.03	0.07	0.025	0.16				0.88
Levee disk-build	9'	2WD 170	0.196	0.15	Sep	0.47	0.44	0.05	0.11	0.038	0.24				1.32
Blade, rear mount	8'	2WD 105	0.645	0.05	Sep	0.32	0.30	0.01	0.05	0.041	0.26				0.95
Flood irrig	ac-in			1.00	Sep			3.64	0.030	0.19	0.19	3.0000			3.83
Levee disk-knock dwn	9'	2WD 170	0.196	0.10	Sep	0.31	0.29	0.03	0.07	0.025	0.16				0.88
Combine 4WD Soybean	25'		0.166	1.00	Oct			5.08	11.46	0.207	1.32				17.87
Custom haul	bu			1.00	Oct							45.0000	0.15	6.75	6.75
TOTALS						23.45	22.29	24.47	35.42	2.444	15.62			63.08	184.34
INTEREST ON OPERATING CAPITAL															3.32
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															187.67

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 name, not does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.