

**Estimating 2006 Costs of Production  
 Cotton, Roundup Ready, Non- Irrigated, 8 Row Equipment, Stale Seedbed  
 Northeast Boll Weevil Eradication Zone AG-913-12-05**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HARVEST AIDS					
CottonQuik	pt	3.27	3.0000	9.83	_____
Dropp 50 WP	lb	40.75	0.1000	4.08	_____
FERTILIZERS					
0-60-120-10-1	acre	54.12	1.0000	54.12	_____
Urea, Solid (46% N)	lb	0.17	174.0000	30.66	_____
HERBICIDES					
Glyphosate Plus	pt	1.78	6.0000	10.73	_____
Clarity	pt	10.95	0.5000	5.48	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Dual II Magnum	pt	12.82	0.8000	10.26	_____
Caparol 4L	pt	3.57	0.7500	2.68	_____
Direx 80 DF	lb	4.44	0.3300	1.47	_____
INSECTICIDES					
Centric 40WG	oz	4.59	2.0000	9.19	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.21	1.0000	8.22	_____
Bidrin 8L	oz	0.71	16.0000	11.45	_____
Pyrethroid	ac	2.17	2.0000	4.34	_____
CROP SEED					
Cottonseed RR	lb	2.20	10.0000	22.00	_____
Cruiser - Seed Trt	lbseed	0.86	10.0000	8.64	_____
TECHNOLOGY FEE					
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
RR Cotton Tech Fee N	lb	2.76	10.0000	27.60	_____
CUSTOM HIRE					
Cstm Ap Air - 3 gal	appl	4.00	1.0000	4.00	_____
Cstm Ap Air - 5 gal	appl	4.75	8.0000	38.00	_____
Insect Scouting	acre	8.00	1.0000	8.00	_____
OPERATOR LABOR					
Tractors	hour	8.12	1.3200	10.72	_____
Self-Propelled	hour	8.12	0.3150	2.55	_____
HAND LABOR					
Implements	hour	8.12	0.4018	3.26	_____
Self-Propelled	hour	8.12	0.2864	2.32	_____
DIESEL FUEL					
Tractors	gal	2.20	12.7100	27.96	_____
Self-Propelled	gal	2.20	3.9732	8.74	_____
REPAIR & MAINTENANCE					
Implements	acre	8.08	1.0000	8.08	_____
Tractors	acre	4.66	1.0000	4.66	_____
Self-Propelled	acre	9.69	1.0000	9.69	_____
INTEREST ON OP. CAP.	acre	10.45	1.0000	10.45	_____
TOTAL DIRECT EXPENSES				381.11	_____
FIXED EXPENSES					
Implements	acre	18.40	1.0000	18.40	_____
Tractors	acre	34.82	1.0000	34.82	_____
Self-Propelled	acre	46.22	1.0000	46.22	_____
TOTAL FIXED EXPENSES				99.44	_____
TOTAL SPECIFIED EXPENSES				480.55	_____

**Robert Hogan, Jr.**  
 Extension Economist  
 – Farm Management

**Kelly J. Bryant**  
 Extension Economist  
 – Farm Management

**H. Scott Stiles**  
 Extension Economist  
 – Risk Management

**Bill Robertson**  
 Extension Specialist–  
 Cotton

**Frank Groves**  
 Research Verification  
 Coordinator

**Chris DeArmond**  
 Agricultural Econ  
 Associate

Table 2. Estimated resource use and costs for field operations, per acre Northeast Boll Weevil Eradication Zone, Non-Irrigated, 8 Row equipment, Stale Seedbed, Roundup Ready University of Arkansas

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC HOURS	LABOR COST	OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED			AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Oct	1.64	1.74	1.19	0.87	0.08	0.67				6.11
TerraTill Bed w/roll	4R-40	MFWD 225	0.160	1.00	Oct	4.76	4.95	0.54	1.17	0.16	1.31				12.73
Fertilizer Applicato	8R	MFWD 170	0.050	1.00	Nov	1.12	1.22			0.05	0.41				2.75
0-60-120-10-1	acre											1.0000	54.12	54.12	54.12
Field Cultivate	32'	MFWD 190	0.046	1.00	Nov	1.17	1.25	0.27	1.38	0.04	0.38				4.45
Disk Bed (Hipper)Fld	8R-40	MFWD 190	0.074	1.00	Nov	1.86	1.99	0.27	0.87	0.07	0.60				5.59
Sprayer( 600-750Gal)	60'		0.017	1.00	Feb	0.53	0.98			0.02	0.21				1.72
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Clarity	pt											0.5000	10.95	5.48	5.48
Sprayer( 600-750Gal)	60'		0.017	0.25	Apr	0.13	0.24			0.00	0.06				0.43
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Disk Bed (Hipper)Fld	8R-40	MFWD 190	0.074	1.00	Apr	1.86	1.99	0.27	0.87	0.07	0.60				5.59
Row Cond (Harrow)	27'	MFWD 190	0.055	1.00	Apr	1.39	1.48	0.13	0.64	0.05	0.45				4.09
Eradication Fee DZ	ac			0.50	May							0.5000	14.00	7.00	7.00
Plant & Pre Folding	8R-40	MFWD 170	0.077	1.00	May	1.74	1.88	0.97	2.26	0.15	1.26				8.11
Cottonseed RR	lb											10.0000	2.20	22.00	22.00
RR Cotton Tech Fee	N lb											10.0000	2.76	27.60	27.60
Cruiser - Seed Trt	lbseed											10.0000	0.86	8.64	8.64
Fertilizer Applicato	8R	MFWD 170	0.050	1.00	May	1.12	1.22			0.05	0.41				2.75
Urea, Solid (46% N)	lb											174.0000	0.17	30.66	30.66
Sprayer( 600-750Gal)	60'		0.017	1.00	May	0.53	0.98			0.02	0.21				1.72
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Sprayer( 600-750Gal)	60'		0.017	1.00	Jun	0.53	0.98			0.02	0.21				1.72
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Dual II Magnum	pt											0.8000	12.82	10.26	10.26
Spray (Direct/Hood)	8R-40	MFWD 170	0.066	1.00	Jun	1.51	1.63	0.46	0.67	0.10	0.81				5.08
Caparol 4L	pt											0.7500	3.57	2.68	2.68
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Centric 40WG	oz											2.0000	4.59	9.19	9.19
Spray (Direct/Layby)	8R-40	MFWD 170	0.066	1.00	Jun	1.51	1.63	0.21	0.30	0.10	0.81				4.46
Direx 80 DF	lb											0.3300	4.44	1.47	1.47
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Trimax	oz											1.5000	4.47	6.72	6.72
Insect Scouting	acre			1.00	Jul							1.0000	8.00	8.00	8.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											8.0000	0.71	5.72	5.72
Eradication Fee DZ	ac			0.50	Jul							0.5000	14.00	7.00	7.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Pyrethroid	ac											1.0000	2.17	2.17	2.17
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											8.0000	0.71	5.72	5.72

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-----				
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75	
Pyrethroid	ac											1.0000	2.17	2.17	2.17	
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75	
CottonQuik	pt											3.0000	3.27	9.83	9.83	
Drapp 50 WP	lb											0.1000	40.75	4.08	4.08	
Boll Buggy-1st pick	4R-38(325)	MFWD 190	0.257	1.00	Oct	6.47	6.92	1.63	4.05	0.25	2.09				21.16	
Cotton Picker-1st-BB	4R-40(255)		0.257			16.71	43.04			0.51	4.18				63.93	
Module Builder-1st	4R-40(255)	MFWD 190	0.257	1.00	Oct	6.47	6.92	2.14	5.32	0.51	4.18				25.03	
TOTALS						51.05	81.04	8.08	18.40	2.32	18.85				292.68	470.10
INTEREST ON OPERATING CAPITAL																10.45
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																480.55

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

**Estimating 2006 Costs of Production  
 Cotton, WS/Roundup Ready, Furrow Irrigated, 12 Row Equipment,  
 Conventional Till  
 Northeast Boll Weevil Eradication Zone AG-914-12-05**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>DIRECT EXPENSES</b>					
<b>HARVEST AIDS</b>					
Finish 6	pt	7.90	0.3300	2.61	_____
Def 6	pt	5.32	1.1600	6.18	_____
Dropp 50 WP	lb	40.75	0.1000	4.08	_____
Ethephon	pint	3.69	1.6000	5.91	_____
<b>FERTILIZERS</b>					
0-60-120-10-1	acre	54.12	1.0000	54.12	_____
Liquid Nitrogen 32%	lb	0.12	312.0000	37.83	_____
<b>FUNGICIDES</b>					
Terraclor 15 G	lb	2.29	7.0000	16.03	_____
<b>HERBICIDES</b>					
Glyphosate Plus	pt	1.78	6.5000	11.62	_____
Clarity	pt	10.95	0.5000	5.48	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Cotoran 4L	pt	4.46	1.6000	7.15	_____
Dual II Magnum	pt	12.82	0.8000	10.26	_____
Caparol 4L	pt	3.57	0.7500	2.68	_____
Direx 80 DF	lb	4.44	0.3300	1.47	_____
<b>INSECTICIDES</b>					
Gaucho 480 ST	ac	8.51	0.8000	6.81	_____
Centric 40WG	oz	4.59	2.0000	9.19	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.21	1.0000	8.22	_____
Bidrin 8L	oz	0.71	16.0000	11.45	_____
Pyrethroid	ac	2.17	2.0000	4.34	_____
<b>IRRIGATION SUPPLIES</b>					
Poly-Pipe	acre	6.25	1.0000	6.25	_____
<b>CROP SEED</b>					
Cottonseed WS/RR	lb	1.70	9.5600	16.25	_____
<b>TECHNOLOGY FEE</b>					
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
WS/RR Tech N	lb	4.40	9.5600	42.06	_____
<b>GROWTH REGULATORS</b>					
Mepiquat Chloride	oz	0.21	26.0000	5.46	_____
<b>CUSTOM HIRE</b>					
Cstm Ap Air - 3 gal	appl	4.00	1.0000	4.00	_____
Cstm Ap Air - 5 gal	appl	4.75	9.0000	42.75	_____
Insect Scouting	acre	8.00	1.0000	8.00	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	8.12	1.0203	8.28	_____
Self-Propelled	hour	8.12	0.2104	1.72	_____
<b>IRRIGATION LABOR</b>					
Furrow Irr.	hour	8.12	0.3318	2.68	_____
<b>HAND LABOR</b>					
Implements	hour	8.12	0.2682	2.18	_____
Self-Propelled	hour	8.12	0.1914	1.56	_____
<b>DIESEL FUEL</b>					
Tractors	gal	2.20	9.9789	21.98	_____
Self-Propelled	gal	2.20	3.3198	7.32	_____
Furrow Irr.	gal	2.20	12.0000	26.40	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	7.36	1.0000	7.36	_____
Tractors	acre	3.65	1.0000	3.65	_____
Self-Propelled	acre	9.87	1.0000	9.87	_____
Furrow Irr.	lac-in	0.23	12.0000	2.76	_____
INTEREST ON OP. CAP.	acre	12.81	1.0000	12.81	_____
<b>TOTAL DIRECT EXPENSES</b>				460.69	_____
<b>FIXED EXPENSES</b>					
Implements	acre	16.64	1.0000	16.64	_____
Tractors	acre	27.27	1.0000	27.27	_____
Self-Propelled	acre	46.75	1.0000	46.75	_____
Furrow Irr.	each	2322.34	0.0083	19.35	_____
<b>TOTAL FIXED EXPENSES</b>				110.01	_____
<b>TOTAL SPECIFIED EXPENSES</b>				570.70	_____

**Robert Hogan, Jr.**  
**Extension Economist**  
 – Farm Management

**Kelly J. Bryant**  
**Extension Economist**  
 – Farm Management

**H. Scott Stiles**  
**Extension Economist**  
 – Risk Management

**Bill Robertson**  
**Extension Specialist–**  
**Cotton**

**Frank Groves**  
**Research Verification**  
**Coordinator**

**Chris DeArmond**  
**Agricultural Econ**  
**Associate**

Table 2. Estimated resource use and costs for field operations, per acre Northeast Boll Weevil Eradication Zone, Furrow Irrigated, 12 Row equipment, Conventional Till, Widestrike/Roundup Ready University of Arkansas

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-----			
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Oct	1.64	1.74	1.19	0.87	0.08	0.67				6.11
Heavy Disk	27'	MFWD 190	0.075	1.00	Oct	1.90	2.03	0.67	1.70	0.07	0.61				6.91
Chisel Plow(Folding)	24'	MFWD 190	0.076	1.00	Oct	1.91	2.05	0.54	1.16	0.07	0.62				6.28
Field Cultivate	32'	MFWD 225	0.046	1.00	Nov	1.38	1.44	0.27	1.38	0.04	0.38				4.85
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	Nov	0.84	0.89			0.03	0.27				2.00
0-60-120-10-1	acre											1.0000	54.12	54.12	54.12
Disk Bed (Hipper)	12R-40	MFWD 225	0.049	1.00	Nov	1.46	1.52	0.26	0.82	0.04	0.40				4.46
Sprayer( 600-825Gal)	90'		0.011	1.00	Feb	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Clarity	pt											0.5000	10.95	5.48	5.48
Sprayer( 600-825Gal)	90'		0.011	0.25	Apr	0.09	0.18			0.00	0.03				0.30
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Disk Bed (Hipper)	12R-40	MFWD 225	0.049	1.00	Apr	1.46	1.52	0.26	0.82	0.04	0.40				4.46
Row Cond (Harrow)	27'	MFWD 190	0.055	1.00	Apr	1.39	1.48	0.13	0.64	0.05	0.45				4.09
Eradication Fee DZ	ac			0.50	May							0.5000	14.00	7.00	7.00
Plant & Pre Folding	12R-40	MFWD 190	0.051	1.00	May	1.29	1.38	0.88	2.05	0.10	0.84				6.44
Cottonseed WS/RR	lb											9.5600	1.70	16.25	16.25
WS/RR Tech N	lb											9.5600	4.40	42.06	42.06
Gaucho 480 ST	ac											0.8000	8.51	6.81	6.81
Terraclor 15 G	lb											7.0000	2.29	16.03	16.03
Cotoran 4L	pt											1.6000	4.46	7.15	7.15
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	May	0.84	0.89			0.03	0.27				2.00
Liquid Nitrogen 32%	lb											156.0000	0.12	18.91	18.91
Sprayer( 600-825Gal)	90'		0.011	1.00	May	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Sprayer( 600-825Gal)	90'		0.011	1.00	Jun	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Dual II Magnum	pt											0.8000	12.82	10.26	10.26
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	Jun	0.84	0.89			0.03	0.27				2.00
Liquid Nitrogen 32%	lb											156.0000	0.12	18.91	18.91
Spray (Direct/Hood)	12R-40	MFWD 170	0.044	1.00	Jun	1.01	1.09	0.37	0.54	0.06	0.54				3.55
Caparol 4L	pt											0.7500	3.57	2.68	2.68
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Centric 40WG	oz											2.0000	4.59	9.19	9.19
Mepiquat Chloride	oz											4.0000	0.21	0.84	0.84
Spray (Direct/Layby)	12R-40	MFWD 170	0.044	1.00	Jun	1.01	1.09	0.27	0.39	0.06	0.54				3.30
Direx 80 DF	lb											0.3300	4.44	1.47	1.47
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Poly-Pipe	acre			1.00	Jun							1.0000	6.25	6.25	6.25
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Trimax	oz											1.5000	4.47	6.72	6.72
Insect Scouting	acre			1.00	Jul							1.0000	8.00	8.00	8.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											8.0000	0.71	5.72	5.72
Mepiquat Chloride	oz											10.0000	0.21	2.10	2.10

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-----			
Eradication Fee DZ	ac			0.50	Jul							0.5000	14.00	7.00	7.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Pyrethroid	ac											1.0000	2.17	2.17	2.17
Mepiquat Chloride	oz											12.0000	0.21	2.52	2.52
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											8.0000	0.71	5.72	5.72
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Pyrethroid	ac											1.0000	2.17	2.17	2.17
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75
Finish 6	pt											0.3300	7.90	2.61	2.61
Def 6	pt											0.5000	5.32	2.66	2.66
Dropp 50 WP	lb											0.1000	40.75	4.08	4.08
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75
Ethephon	pint											1.6000	3.69	5.91	5.91
Def 6	pt											0.6600	5.32	3.52	3.52
Boll Buggy-1st pick	6R-40(325)	MFWD 190	0.172	1.00	Oct	4.33	4.63	1.09	2.71	0.17	1.40				14.16
Cotton Picker-1st-BB	6R-40(330)		0.172			16.02	44.47			0.34	2.80				63.29
Module Builder-1st	6R-40(325)	MFWD 190	0.172	1.00	Oct	4.33	4.63	1.43	3.56	0.34	2.80				16.75
Furrow Irr.	each			1.00	Jun				19.35			0.0083			19.35
Application 1	lac-in							7.29		0.08	0.67	3.0000			7.96
Application 2	lac-in							7.29		0.08	0.67	3.0000			7.96
Application 3	lac-in							7.29		0.08	0.67	3.0000			7.96
Application 4	lac-in							7.29		0.08	0.67	3.0000			7.96
TOTALS						42.82	74.02	36.52	35.99	2.02	16.42			352.12	557.89
INTEREST ON OPERATING CAPITAL															12.81
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															570.70

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

**Estimating 2006 Costs of Production  
 Cotton, Liberty Link, Furrow Irrigated, 12 Row Equipment, Stale Seedbed  
 Northeast Boll Weevil Eradication Zone AG-915-12-05**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>DIRECT EXPENSES</b>					
<b>HARVEST AIDS</b>					
Finish 6	pt	7.90	1.6631	13.14	_____
Dropp SC	oz	2.09	0.1600	0.34	_____
Def 6	pt	5.32	0.3331	1.77	_____
<b>FERTILIZERS</b>					
0-60-120-10-1	acre	54.12	1.0000	54.12	_____
Liquid Nitrogen 32%	lb	0.12	312.0000	37.83	_____
<b>FUNGICIDES</b>					
Terraclor 15 G	lb	2.29	7.0000	16.03	_____
<b>HERBICIDES</b>					
Glyphosate Plus	pt	1.78	1.5000	2.68	_____
Clarity	pt	10.95	0.5000	5.48	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Ignite 280 SL	pt	4.39	4.3125	18.95	_____
Direx 80 DF	lb	4.44	0.3300	1.47	_____
Valor SX	lb	65.00	0.1250	8.13	_____
<b>INSECTICIDES</b>					
Centric 40WG	oz	4.59	2.0000	9.19	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.21	1.0000	8.22	_____
Bidrin 8L	oz	0.71	16.0000	11.45	_____
Pyrethroid	ac	2.17	2.0000	4.34	_____
<b>IRRIGATION SUPPLIES</b>					
Poly-Pipe	acre	6.25	1.0000	6.25	_____
<b>CROP SEED</b>					
Cottonseed LL	lb	2.20	10.0000	22.00	_____
Cruiser - Seed Trt	lbseed	0.86	10.0000	8.64	_____
<b>TECHNOLOGY FEE</b>					
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
LL Tech Fee N	lb	0.80	10.0000	8.00	_____
<b>GROWTH REGULATORS</b>					
Mepiquat Chloride	oz	0.21	26.0000	5.46	_____
<b>CUSTOM HIRE</b>					
Cstm Ap Air - 3 gal	appl	4.00	1.0000	4.00	_____
Cstm Ap Air - 5 gal	appl	4.75	9.0000	42.75	_____
Insect Scouting	acre	8.00	1.0000	8.00	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	8.12	0.8192	6.65	_____
Self-Propelled	hour	8.12	0.2104	1.72	_____
<b>IRRIGATION LABOR</b>					
Furrow Irr.	hour	8.12	0.3318	2.68	_____
<b>HAND LABOR</b>					
Implements	hour	8.12	0.2459	2.00	_____
Self-Propelled	hour	8.12	0.1914	1.56	_____
<b>DIESEL FUEL</b>					
Tractors	gal	2.20	8.1495	17.95	_____
Self-Propelled	gal	2.20	3.3198	7.32	_____
Furrow Irr.	gal	2.20	12.0000	26.40	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	5.76	1.0000	5.76	_____
Tractors	acre	2.97	1.0000	2.97	_____
Self-Propelled	acre	9.87	1.0000	9.87	_____
Furrow Irr.	lac-in	0.23	12.0000	2.76	_____
INTEREST ON OP. CAP.	acre	11.91	1.0000	11.91	_____
<b>TOTAL DIRECT EXPENSES</b>				419.72	_____
<b>FIXED EXPENSES</b>					
Implements	acre	12.20	1.0000	12.20	_____
Tractors	acre	22.18	1.0000	22.18	_____
Self-Propelled	acre	46.75	1.0000	46.75	_____
Furrow Irr.	well	2322.34	0.0083	19.35	_____
<b>TOTAL FIXED EXPENSES</b>				100.48	_____
<b>TOTAL SPECIFIED EXPENSES</b>				520.20	_____

**Robert Hogan, Jr.**  
 Extension Economist  
 – Farm Management

**Kelly J. Bryant**  
 Extension Economist  
 – Farm Management

**H. Scott Stiles**  
 Extension Economist  
 – Risk Management

**Bill Robertson**  
 Extension Specialist–  
 Cotton

**Frank Groves**  
 Research Verification  
 Coordinator

**Chris DeArmond**  
 Agricultural Econ  
 Associate

Table 2. Estimated resource use and costs for field operations, per acre Northeast Boll Weevil Eradication Zone, Furrow Irrigated, 12 Row equipment, Stale Seedbed, Liberty Link University of Arkansas

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Oct	1.64	1.74	1.19	0.87	0.08	0.67				6.11
TerraTill Bed w/roll	6R-40	MFWD 225	0.107	1.00	Nov	3.18	3.31	0.49	1.05	0.10	0.87				8.90
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	Nov	0.84	0.89			0.03	0.27				2.00
0-60-120-10-1	acre											1.0000	54.12	54.12	54.12
Disk Bed (Hipper)	12R-40	MFWD 225	0.049	1.00	Nov	1.46	1.52	0.26	0.82	0.04	0.40				4.46
Sprayer( 600-825Gal)	90'		0.011	1.00	Feb	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Clarity	pt											0.5000	10.95	5.48	5.48
Sprayer( 600-825Gal)	90'		0.011	0.25	Apr	0.09	0.18			0.00	0.03				0.30
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Apr	1.16	1.21	0.15	0.75	0.03	0.32				3.59
Eradication Fee DZ	ac			0.50	May							0.5000	14.00	7.00	7.00
Plant & Pre Folding	12R-40	MFWD 190	0.051	1.00	May	1.29	1.38	0.88	2.05	0.10	0.84				6.44
Cottonseed LL	lb											10.0000	2.20	22.00	22.00
LL Tech Fee N	lb											10.0000	0.80	8.00	8.00
Cruiser - Seed Trt	lbseed											10.0000	0.86	8.64	8.64
Terraclor 15 G	lb											7.0000	2.29	16.03	16.03
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	May	0.84	0.89			0.03	0.27				2.00
Liquid Nitrogen 32%	lb											156.0000	0.12	18.91	18.91
Sprayer( 600-825Gal)	90'		0.011	1.00	May	0.36	0.70			0.01	0.15				1.21
Ignite 280 SL	pt											1.4375	4.39	6.32	6.32
Sprayer( 600-825Gal)	90'		0.011	1.00	May	0.36	0.70			0.01	0.15				1.21
Ignite 280 SL	pt											1.4375	4.39	6.32	6.32
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	Jun	0.84	0.89			0.03	0.27				2.00
Liquid Nitrogen 32%	lb											156.0000	0.12	18.91	18.91
Spray (Direct/Layby)	12R-40	MFWD 170	0.044	1.00	Jun	1.01	1.09	0.27	0.39	0.06	0.54				3.30
Direx 80 DF	lb											0.3300	4.44	1.47	1.47
Ignite 280 SL	pt											1.4375	4.39	6.32	6.32
Valor SX	lb											0.1250	65.00	8.13	8.13
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Centric 40WG	oz											2.0000	4.59	9.19	9.19
Mepiquat Chloride	oz											4.0000	0.21	0.84	0.84
Poly-Pipe	acre			1.00	Jun							1.0000	6.25	6.25	6.25
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Trimax	oz											1.5000	4.47	6.72	6.72
Insect Scouting	acre			1.00	Jul							1.0000	8.00	8.00	8.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11
Eradication Fee DZ	ac			0.50	Jul							0.5000	14.00	7.00	7.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											8.0000	0.71	5.72	5.72
Mepiquat Chloride	oz											10.0000	0.21	2.10	2.10
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Pyrethroid	ac											1.0000	2.17	2.17	2.17
Mepiquat Chloride	oz											12.0000	0.21	2.52	2.52



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-----			
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											8.0000	0.71	5.72	5.72
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Pyrethroid	ac											1.0000	2.17	2.17	2.17
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75
Finish 6	pt											0.3331	7.90	2.63	2.63
Dropp SC	oz											0.1600	2.09	0.34	0.34
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75
Finish 6	pt											1.3300	7.90	10.51	10.51
Def 6	pt											0.3331	5.32	1.77	1.77
Boll Buggy-1st pick	6R-40(325)	MFWD 190	0.172	1.00	Oct	4.33	4.63	1.09	2.71	0.17	1.40				14.16
Cotton Picker-1st-BB	6R-40(330)		0.172			16.02	44.47			0.34	2.80				63.29
Module Builder-1st	6R-40(325)	MFWD 190	0.172	1.00	Oct	4.33	4.63	1.43	3.56	0.34	2.80				16.75
Furrow Irr.	well			1.00	Jun				19.35			0.0083			19.35
Application 1	lac-in							7.29		0.08	0.67	3.0000			7.96
Application 2	lac-in							7.29		0.08	0.67	3.0000			7.96
Application 3	lac-in							7.29		0.08	0.67	3.0000			7.96
Application 4	lac-in							7.29		0.08	0.67	3.0000			7.96
TOTALS						38.11	68.93	34.92	31.55	1.79	14.61			320.17	508.29
INTEREST ON OPERATING CAPITAL															11.91
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															520.20

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

**Estimating 2006 Costs of Production  
 Cotton, BG II/Liberty Link, Furrow Irrigated, 12 Row Equipment, Stale Seedbed  
 Northeast Boll Weevil Eradication Zone AG-916-12-05**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>DIRECT EXPENSES</b>					
<b>HARVEST AIDS</b>					
Aim	oz	5.20	1.0000	5.21	_____
Dropp 50 WP	lb	40.75	0.1000	4.08	_____
Finish 6	pt	7.90	0.3300	2.61	_____
Ethephon	pint	3.69	1.6000	5.91	_____
<b>FERTILIZERS</b>					
0-60-120-10-1	acre	54.12	1.0000	54.12	_____
Liquid Nitrogen 32%	lb	0.12	312.0000	37.83	_____
<b>FUNGICIDES</b>					
Terraclor 15 G	lb	2.29	7.0000	16.03	_____
<b>HERBICIDES</b>					
Glyphosate Plus	pt	1.78	1.5000	2.68	_____
Clarity	pt	10.95	0.5000	5.48	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Ignite 280 SL	pt	4.39	4.3125	18.95	_____
Direx 80 DF	lb	4.44	0.3300	1.47	_____
Valor SX	lb	65.00	0.1250	8.13	_____
<b>INSECTICIDES</b>					
Centric 40WG	oz	4.59	2.0000	9.19	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.21	1.0000	8.22	_____
Bidrin 8L	oz	0.71	16.0000	11.45	_____
Pyrethroid	ac	2.17	2.0000	4.34	_____
<b>IRRIGATION SUPPLIES</b>					
Poly-Pipe	acre	6.25	1.0000	6.25	_____
<b>CROP SEED</b>					
Cottonseed BGII/LL	lb	2.20	10.0000	22.00	_____
Cruiser - Seed Trt	lbseed	0.86	10.0000	8.64	_____
<b>TECHNOLOGY FEE</b>					
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
BGII/LL Tech N	lb	3.75	10.0000	37.50	_____
<b>GROWTH REGULATORS</b>					
Mepiquat Chloride	oz	0.21	26.0000	5.46	_____
<b>ADJUVANTS</b>					
Surfactant (80-20)	pt	1.15	0.4000	0.46	_____
<b>CUSTOM HIRE</b>					
Cstm Ap Air - 3 gal	appl	4.00	1.0000	4.00	_____
Cstm Ap Air - 5 gal	appl	4.75	9.0000	42.75	_____
Insect Scouting	acre	8.00	1.0000	8.00	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	8.12	0.8192	6.65	_____
Self-Propelled	hour	8.12	0.2104	1.72	_____
<b>IRRIGATION LABOR</b>					
Furrow Irr.	hour	8.12	0.3318	2.68	_____
<b>HAND LABOR</b>					
Implements	hour	8.12	0.2459	2.00	_____
Self-Propelled	hour	8.12	0.1914	1.56	_____
<b>DIESEL FUEL</b>					
Tractors	gal	2.20	8.1495	17.95	_____
Self-Propelled	gal	2.20	3.3198	7.32	_____
Furrow Irr.	gal	2.20	12.0000	26.40	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	5.76	1.0000	5.76	_____
Tractors	acre	2.97	1.0000	2.97	_____
Self-Propelled	acre	9.87	1.0000	9.87	_____
Furrow Irr.	lac-in	0.23	12.0000	2.76	_____
INTEREST ON OP. CAP.	acre	12.88	1.0000	12.88	_____
<b>TOTAL DIRECT EXPENSES</b>				453.21	_____
<b>FIXED EXPENSES</b>					
Implements	acre	12.20	1.0000	12.20	_____
Tractors	acre	22.18	1.0000	22.18	_____
Self-Propelled	acre	46.75	1.0000	46.75	_____
Furrow Irr.	well	2322.34	0.0083	19.35	_____
<b>TOTAL FIXED EXPENSES</b>				100.48	_____
<b>TOTAL SPECIFIED EXPENSES</b>				553.69	_____

**Robert Hogan, Jr.**  
**Extension Economist**  
 – Farm Management

**Kelly J. Bryant**  
**Extension Economist**  
 – Farm Management

**H. Scott Stiles**  
**Extension Economist**  
 – Risk Management

**Bill Robertson**  
**Extension Specialist–**  
**Cotton**

**Frank Groves**  
**Research Verification**  
**Coordinator**

**Chris DeArmond**  
**Agricultural Econ**  
**Associate**

Table 2. Estimated resource use and costs for field operations, per acre Northeast Boll Weevil Eradication Zone, Furrow Irrigated, 12 Row equipment, Stale Seedbed, BG II/Liberty Link University of Arkansas

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Oct	1.64	1.74	1.19	0.87	0.08	0.67				6.11
TerraTill Bed w/roll	6R-40	MFWD 225	0.107	1.00	Nov	3.18	3.31	0.49	1.05	0.10	0.87				8.90
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	Nov	0.84	0.89			0.03	0.27				2.00
0-60-120-10-1	acre											1.0000	54.12	54.12	54.12
Disk Bed (Hipper)	12R-40	MFWD 225	0.049	1.00	Nov	1.46	1.52	0.26	0.82	0.04	0.40				4.46
Sprayer( 600-825Gal)	90'		0.011	1.00	Feb	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Clarity	pt											0.5000	10.95	5.48	5.48
Sprayer( 600-825Gal)	90'		0.011	0.25	Apr	0.09	0.18			0.00	0.03				0.30
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Apr	1.16	1.21	0.15	0.75	0.03	0.32				3.59
Eradication Fee DZ	ac			0.50	May							0.5000	14.00	7.00	7.00
Plant & Pre Folding	12R-40	MFWD 190	0.051	1.00	May	1.29	1.38	0.88	2.05	0.10	0.84				6.44
Cottonseed BGII/LL	lb											10.0000	2.20	22.00	22.00
BGII/LL Tech N	lb											10.0000	3.75	37.50	37.50
Cruiser - Seed Trt	lbseed											10.0000	0.86	8.64	8.64
Terraclor 15 G	lb											7.0000	2.29	16.03	16.03
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	May	0.84	0.89			0.03	0.27				2.00
Liquid Nitrogen 32%	lb											156.0000	0.12	18.91	18.91
Sprayer( 600-825Gal)	90'		0.011	1.00	May	0.36	0.70			0.01	0.15				1.21
Ignite 280 SL	pt											1.4375	4.39	6.32	6.32
Sprayer( 600-825Gal)	90'		0.011	1.00	May	0.36	0.70			0.01	0.15				1.21
Ignite 280 SL	pt											1.4375	4.39	6.32	6.32
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	Jun	0.84	0.89			0.03	0.27				2.00
Liquid Nitrogen 32%	lb											156.0000	0.12	18.91	18.91
Spray (Direct/Layby)	12R-40	MFWD 170	0.044	1.00	Jun	1.01	1.09	0.27	0.39	0.06	0.54				3.30
Direx 80 DF	lb											0.3300	4.44	1.47	1.47
Ignite 280 SL	pt											1.4375	4.39	6.32	6.32
Valor SX	lb											0.1250	65.00	8.13	8.13
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Centric 40WG	oz											2.0000	4.59	9.19	9.19
Mepiquat Chloride	oz											4.0000	0.21	0.84	0.84
Poly-Pipe	acre			1.00	Jun							1.0000	6.25	6.25	6.25
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Trimax	oz											1.5000	4.47	6.72	6.72
Insect Scouting	acre			1.00	Jul							1.0000	8.00	8.00	8.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11
Eradication Fee DZ	ac			0.50	Jul							0.5000	14.00	7.00	7.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											8.0000	0.71	5.72	5.72
Mepiquat Chloride	oz											10.0000	0.21	2.10	2.10
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Pyrethroid	ac											1.0000	2.17	2.17	2.17
Mepiquat Chloride	oz											12.0000	0.21	2.52	2.52

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-----				
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75	
Bidrin 8L	oz											8.0000	0.71	5.72	5.72	
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75	
Pyrethroid	ac											1.0000	2.17	2.17	2.17	
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75	
Aim	oz											0.3300	5.20	1.72	1.72	
Dropp 50 WP	lb											0.1000	40.75	4.08	4.08	
Finish 6	pt											0.3300	7.90	2.61	2.61	
Surfactant (80-20)	pt											0.2000	1.15	0.23	0.23	
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75	
Aim	oz											0.6700	5.20	3.49	3.49	
Ethephon	pint											1.6000	3.69	5.91	5.91	
Surfactant (80-20)	pt											0.2000	1.15	0.23	0.23	
Boll Buggy-1st pick	6R-40(325)	MFWD 190	0.172	1.00	Oct	4.33	4.63	1.09	2.71	0.17	1.40				14.16	
Cotton Picker-1st-BB	6R-40(330)		0.172			16.02	44.47			0.34	2.80				63.29	
Module Builder-1st	6R-40(325)	MFWD 190	0.172	1.00	Oct	4.33	4.63	1.43	3.56	0.34	2.80				16.75	
Furrow Irr.	well			1.00	Jun						19.35			0.0083	19.35	
Application 1	lac-in							7.29		0.08	0.67	3.0000			7.96	
Application 2	lac-in							7.29		0.08	0.67	3.0000			7.96	
Application 3	lac-in							7.29		0.08	0.67	3.0000			7.96	
Application 4	lac-in							7.29		0.08	0.67	3.0000			7.96	
TOTALS						38.11	68.93	34.92	31.55	1.79	14.61				352.69	540.81
INTEREST ON OPERATING CAPITAL																12.88
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																553.69

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

**Estimating 2006 Costs of Production  
 Cotton, WS/RR Flex, Furrow Irrigated, 12 Row Equipment, Stale Seedbed  
 Northeast Boll Weevil Eradication Zone AG-917-12-05**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HARVEST AIDS					
Aim	oz	5.20	1.0000	5.21	_____
Dropp 50 WP	lb	40.75	0.1000	4.08	_____
Finish 6	pt	7.90	0.3300	2.61	_____
Ethephon	pint	3.69	1.6000	5.91	_____
FERTILIZERS					
0-60-120-10-1	acre	54.12	1.0000	54.12	_____
Liquid Nitrogen 32%	lb	0.12	312.0000	37.83	_____
FUNGICIDES					
Terraclor 15 G	lb	2.29	7.0000	16.03	_____
HERBICIDES					
Glyphosate Plus	pt	1.78	6.5000	11.62	_____
Clarity	pt	10.95	0.5000	5.48	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Dual Magnum	pt	12.19	0.8000	9.75	_____
Caparol 4L	pt	3.57	0.7500	2.68	_____
Direx 80 DF	lb	4.44	0.3300	1.47	_____
INSECTICIDES					
Centric 40WG	oz	4.59	2.0000	9.19	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.21	1.0000	8.22	_____
Bidrin 8L	oz	0.71	16.0000	11.45	_____
Pyrethroid	ac	2.17	2.0000	4.34	_____
IRRIGATION SUPPLIES					
Poly-Pipe	acre	6.25	1.0000	6.25	_____
CROP SEED					
Cottonseed WS/RRFlex	lb	1.70	9.5600	16.25	_____
Cruiser - Seed Trt	lbseed	0.86	9.5600	8.26	_____
TECHNOLOGY FEE					
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
WS/RRF Tech N	lb	5.15	9.5600	49.23	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.21	26.0000	5.46	_____
ADJUVANTS					
Surfactant (80-20)	pt	1.15	0.4000	0.46	_____
CUSTOM HIRE					
Cstm Ap Air - 3 gal	appl	4.00	1.0000	4.00	_____
Cstm Ap Air - 5 gal	appl	4.75	9.0000	42.75	_____
Insect Scouting	acre	8.00	1.0000	8.00	_____
OPERATOR LABOR					
Tractors	hour	8.12	0.8637	7.01	_____
Self-Propelled	hour	8.12	0.2104	1.72	_____
IRRIGATION LABOR					
Furrow Irr.	hour	8.12	0.3318	2.68	_____
HAND LABOR					
Implements	hour	8.12	0.2682	2.18	_____
Self-Propelled	hour	8.12	0.1914	1.56	_____
DIESEL FUEL					
Tractors	gal	2.20	8.5391	18.81	_____
Self-Propelled	gal	2.20	3.3198	7.32	_____
Furrow Irr.	gal	2.20	12.0000	26.40	_____
REPAIR & MAINTENANCE					
Implements	acre	6.13	1.0000	6.13	_____
Tractors	acre	3.12	1.0000	3.12	_____
Self-Propelled	acre	9.87	1.0000	9.87	_____
Furrow Irr.	lac-in	0.23	12.0000	2.76	_____
INTEREST ON OP. CAP.	acre	13.00	1.0000	13.00	_____
TOTAL DIRECT EXPENSES				455.13	_____
FIXED EXPENSES					
Implements	acre	12.74	1.0000	12.74	_____
Tractors	acre	23.27	1.0000	23.27	_____
Self-Propelled	acre	46.75	1.0000	46.75	_____
Furrow Irr.	each	2322.34	0.0083	19.35	_____
TOTAL FIXED EXPENSES				102.11	_____
TOTAL SPECIFIED EXPENSES				557.24	_____

**Robert Hogan, Jr.**  
 Extension Economist  
 – Farm Management

**Kelly J. Bryant**  
 Extension Economist  
 – Farm Management

**H. Scott Stiles**  
 Extension Economist  
 – Risk Management

**Bill Robertson**  
 Extension Specialist–  
 Cotton

**Frank Groves**  
 Research Verification  
 Coordinator

**Chris DeArmond**  
 Agricultural Econ  
 Associate

Table 2. Estimated resource use and costs for field operations, per acre Northeast Boll Weevil Eradication Zone, Furrow Irrigated, 12 Row equipment, Stale Seedbed, Widestrike/Roundup Ready Flex University of Arkansas

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-----			
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Oct	1.64	1.74	1.19	0.87	0.08	0.67				6.11
TerraTill Bed w/roll	6R-40	MFWD 225	0.107	1.00	Nov	3.18	3.31	0.49	1.05	0.10	0.87				8.90
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	Nov	0.84	0.89			0.03	0.27				2.00
0-60-120-10-1	acre											1.0000	54.12	54.12	54.12
Disk Bed (Hipper)	12R-40	MFWD 225	0.049	1.00	Nov	1.46	1.52	0.26	0.82	0.04	0.40				4.46
Sprayer( 600-825Gal)	90'		0.011	1.00	Feb	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Clarity	pt											0.5000	10.95	5.48	5.48
Sprayer( 600-825Gal)	90'		0.011	0.25	Apr	0.09	0.18			0.00	0.03				0.30
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Apr	1.16	1.21	0.15	0.75	0.03	0.32				3.59
Eradication Fee DZ	ac			0.50	May							0.5000	14.00	7.00	7.00
Plant & Pre Folding	12R-40	MFWD 190	0.051	1.00	May	1.29	1.38	0.88	2.05	0.10	0.84				6.44
Cottonseed WS/RRFlex	lb											9.5600	1.70	16.25	16.25
WS/RRF Tech N	lb											9.5600	5.15	49.23	49.23
Cruiser - Seed Trt	lbseed											9.5600	0.86	8.26	8.26
Terraclor 15 G	lb											7.0000	2.29	16.03	16.03
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	May	0.84	0.89			0.03	0.27				2.00
Liquid Nitrogen 32%	lb											156.0000	0.12	18.91	18.91
Sprayer( 600-825Gal)	90'		0.011	1.00	May	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Sprayer( 600-825Gal)	90'		0.011	1.00	May	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Dual Magnum	pt											0.8000	12.19	9.75	9.75
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	Jun	0.84	0.89			0.03	0.27				2.00
Liquid Nitrogen 32%	lb											156.0000	0.12	18.91	18.91
Spray (Direct/Hood)	12R-40	MFWD 170	0.044	1.00	Jun	1.01	1.09	0.37	0.54	0.06	0.54				3.55
Caparol 4L	pt											0.7500	3.57	2.68	2.68
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Centric 40WG	oz											2.0000	4.59	9.19	9.19
Mepiquat Chloride	oz											4.0000	0.21	0.84	0.84
Spray (Direct/Layby)	12R-40	MFWD 170	0.044	1.00	Jun	1.01	1.09	0.27	0.39	0.06	0.54				3.30
Direx 80 DF	lb											0.3300	4.44	1.47	1.47
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Poly-Pipe	acre			1.00	Jun							1.0000	6.25	6.25	6.25
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Trimax	oz											1.5000	4.47	6.72	6.72
Insect Scouting	acre			1.00	Jul							1.0000	8.00	8.00	8.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11
Eradication Fee DZ	ac			0.50	Jul							0.5000	14.00	7.00	7.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											8.0000	0.71	5.72	5.72
Mepiquat Chloride	oz											10.0000	0.21	2.10	2.10
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11

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-----				
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75	
Pyrethroid	ac											1.0000	2.17	2.17	2.17	
Mepiquat Chloride	oz											12.0000	0.21	2.52	2.52	
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75	
Bidrin 8L	oz											8.0000	0.71	5.72	5.72	
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75	
Pyrethroid	ac											1.0000	2.17	2.17	2.17	
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75	
Aim	oz											0.3300	5.20	1.72	1.72	
Dropp 50 WP	lb											0.1000	40.75	4.08	4.08	
Finish 6	pt											0.3300	7.90	2.61	2.61	
Surfactant (80-20)	pt											0.2000	1.15	0.23	0.23	
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75	
Aim	oz											0.6700	5.20	3.49	3.49	
Ethephon	pint											1.6000	3.69	5.91	5.91	
Surfactant (80-20)	pt											0.2000	1.15	0.23	0.23	
Boll Buggy-1st pick	6R-40(325)	MFWD 190	0.172	1.00	Oct	4.33	4.63	1.09	2.71	0.17	1.40				14.16	
Cotton Picker-1st-BB	6R-40(330)		0.172			16.02	44.47			0.34	2.80				63.29	
Module Builder-1st	6R-40(325)	MFWD 190	0.172	1.00	Oct	4.33	4.63	1.43	3.56	0.34	2.80				16.75	
Furrow Irr.	each			1.00	Jun										19.35	
Application 1	lac-in							7.29		0.08	0.67	3.0000			7.96	
Application 2	lac-in							7.29		0.08	0.67	3.0000			7.96	
Application 3	lac-in							7.29		0.08	0.67	3.0000			7.96	
Application 4	lac-in							7.29		0.08	0.67	3.0000			7.96	
TOTALS						39.12	70.02	35.29	32.09	1.86	15.15				352.57	544.24
INTEREST ON OPERATING CAPITAL																13.00
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																557.24

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.



**Estimating 2006 Costs of Production  
Cotton, Bt/Roundup Ready, Center Pivot Irrigated, 12 Row Equipment,  
Stale Seedbed  
Northeast Boll Weevil Eradication Zone AG-918-12-05**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>DIRECT EXPENSES</b>					
<b>HARVEST AIDS</b>					
Aim	oz	5.20	1.0000	5.21	_____
Dropp 50 WP	lb	40.75	0.1000	4.08	_____
Finish 6	pt	7.90	0.3300	2.61	_____
Ethephon	pint	3.69	1.6000	5.91	_____
<b>FERTILIZERS</b>					
0-60-120-10-1	acre	54.12	1.0000	54.12	_____
Liquid Nitrogen 32%	lb	0.12	312.0000	37.83	_____
<b>FUNGICIDES</b>					
Terraclor 15 G	lb	2.29	7.0000	16.03	_____
<b>HERBICIDES</b>					
Glyphosate Plus	pt	1.78	6.5000	11.62	_____
Clarity	pt	10.95	0.5000	5.48	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Dual Magnum	pt	12.19	0.8000	9.75	_____
Caparol 4L	pt	3.57	0.7500	2.68	_____
Direx 80 DF	lb	4.44	0.3300	1.47	_____
<b>INSECTICIDES</b>					
Centric 40WG	oz	4.59	2.0000	9.19	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.21	1.0000	8.22	_____
Bidrin 8L	oz	0.71	16.0000	11.45	_____
Pyrethroid	ac	2.17	2.0000	4.34	_____
<b>CROP SEED</b>					
Cottonseed Bt/RR	lb	2.20	10.0000	22.00	_____
Cruiser - Seed Trt	lbseed	0.86	10.0000	8.64	_____
<b>TECHNOLOGY FEE</b>					
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
BtRR Cott Tech Fee N	lb	4.75	10.0000	47.50	_____
<b>GROWTH REGULATORS</b>					
Mepiquat Chloride	oz	0.21	26.0000	5.46	_____
<b>ADJUVANTS</b>					
Surfactant (80-20)	pt	1.15	0.4000	0.46	_____
<b>CUSTOM HIRE</b>					
Cstm Ap Air - 3 gal	appl	4.00	1.0000	4.00	_____
Cstm Ap Air - 5 gal	appl	4.75	9.0000	42.75	_____
Insect Scouting	acre	8.00	1.0000	8.00	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	8.12	0.8637	7.01	_____
Self-Propelled	hour	8.12	0.2104	1.72	_____
<b>IRRIGATION LABOR</b>					
Center pivot Irr.	hour	8.12	0.1624	1.33	_____
<b>HAND LABOR</b>					
Implements	hour	8.12	0.2682	2.18	_____
Self-Propelled	hour	8.12	0.1914	1.56	_____
<b>DIESEL FUEL</b>					
Tractors	gal	2.20	8.5391	18.81	_____
Self-Propelled	gal	2.20	3.3198	7.32	_____
Center pivot Irr.	gal	2.20	14.0000	30.80	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	6.13	1.0000	6.13	_____
Tractors	acre	3.12	1.0000	3.12	_____
Self-Propelled	acre	9.87	1.0000	9.87	_____
Center pivot Irr.	lac-in	0.93	7.0000	6.58	_____
INTEREST ON OP. CAP.	acre	13.09	1.0000	13.09	_____
<b>TOTAL DIRECT EXPENSES</b>				460.24	_____
<b>FIXED EXPENSES</b>					
Implements	acre	12.74	1.0000	12.74	_____
Tractors	acre	23.27	1.0000	23.27	_____
Self-Propelled	acre	46.75	1.0000	46.75	_____
Center pivot Irr.	well	7431.49	0.0076	57.17	_____
<b>TOTAL FIXED EXPENSES</b>				139.93	_____
<b>TOTAL SPECIFIED EXPENSES</b>				600.17	_____

**Robert Hogan, Jr.**  
Extension Economist  
– Farm Management

**Kelly J. Bryant**  
Extension Economist  
– Farm Management

**H. Scott Stiles**  
Extension Economist  
– Risk Management

**Bill Robertson**  
Extension Specialist–  
Cotton

**Frank Groves**  
Research Verification  
Coordinator

**Chris DeArmond**  
Agricultural Econ  
Associate



Table 2. Estimated resource use and costs for field operations, per acre Northeast Boll Weevil Eradication Zone, Center Pivot Irrigated, 12 Row equipment, Stale Seedbed, Bt/Roundup Ready University of Arkansas

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Oct	1.64	1.74	1.19	0.87	0.08	0.67				6.11
TerraTill Bed w/roll	6R-40	MFWD 225	0.107	1.00	Nov	3.18	3.31	0.49	1.05	0.10	0.87				8.90
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	Nov	0.84	0.89			0.03	0.27				2.00
0-60-120-10-1	acre											1.0000	54.12	54.12	54.12
Disk Bed (Hipper)	12R-40	MFWD 225	0.049	1.00	Nov	1.46	1.52	0.26	0.82	0.04	0.40				4.46
Sprayer( 600-825Gal)	90'		0.011	1.00	Feb	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Clarity	pt											0.5000	10.95	5.48	5.48
Sprayer( 600-825Gal)	90'		0.011	0.25	Apr	0.09	0.18			0.00	0.03				0.30
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Apr	1.16	1.21	0.15	0.75	0.03	0.32				3.59
Eradication Fee DZ	ac			0.50	May							0.5000	14.00	7.00	7.00
Plant & Pre Folding	12R-40	MFWD 190	0.051	1.00	May	1.29	1.38	0.88	2.05	0.10	0.84				6.44
Cottonseed Bt/RR	lb											10.0000	2.20	22.00	22.00
BtRR Cott Tech Fee	N lb											10.0000	4.75	47.50	47.50
Cruiser - Seed Trt	lbseed											10.0000	0.86	8.64	8.64
Terraclor 15 G	lb											7.0000	2.29	16.03	16.03
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	May	0.84	0.89			0.03	0.27				2.00
Liquid Nitrogen 32%	lb											156.0000	0.12	18.91	18.91
Sprayer( 600-825Gal)	90'		0.011	1.00	May	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Sprayer( 600-825Gal)	90'		0.011	1.00	May	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Dual Magnum	pt											0.8000	12.19	9.75	9.75
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	Jun	0.84	0.89			0.03	0.27				2.00
Liquid Nitrogen 32%	lb											156.0000	0.12	18.91	18.91
Spray (Direct/Hood)	12R-40	MFWD 170	0.044	1.00	Jun	1.01	1.09	0.37	0.54	0.06	0.54				3.55
Caparol 4L	pt											0.7500	3.57	2.68	2.68
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Centric 40WG	oz											2.0000	4.59	9.19	9.19
Mepiquat Chloride	oz											4.0000	0.21	0.84	0.84
Spray (Direct/Layby)	12R-40	MFWD 170	0.044	1.00	Jun	1.01	1.09	0.27	0.39	0.06	0.54				3.30
Direx 80 DF	lb											0.3300	4.44	1.47	1.47
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Trimax	oz											1.5000	4.47	6.72	6.72
Insect Scouting	acre			1.00	Jul							1.0000	8.00	8.00	8.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11
Eradication Fee DZ	ac			0.50	Jul							0.5000	14.00	7.00	7.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											8.0000	0.71	5.72	5.72
Mepiquat Chloride	oz											10.0000	0.21	2.10	2.10
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11

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-----			
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Pyrethroid	ac											1.0000	2.17	2.17	2.17
Mepiquat Chloride	oz											12.0000	0.21	2.52	2.52
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											8.0000	0.71	5.72	5.72
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Pyrethroid	ac											1.0000	2.17	2.17	2.17
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75
Aim	oz											0.3300	5.20	1.72	1.72
Dropp 50 WP	lb											0.1000	40.75	4.08	4.08
Finish 6	pt											0.3300	7.90	2.61	2.61
Surfactant (80-20)	pt											0.2000	1.15	0.23	0.23
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75
Aim	oz											0.6700	5.20	3.49	3.49
Ethephon	pint											1.6000	3.69	5.91	5.91
Surfactant (80-20)	pt											0.2000	1.15	0.23	0.23
Boll Buggy-1st pick	6R-40(325)	MFWD 190	0.172	1.00	Oct	4.33	4.63	1.09	2.71	0.17	1.40				14.16
Cotton Picker-1st-BB	6R-40(330)		0.172			16.02	44.47			0.34	2.80				63.29
Module Builder-1st	6R-40(325)	MFWD 190	0.172	1.00	Oct	4.33	4.63	1.43	3.56	0.34	2.80				16.75
Center pivot Irr.	well			1.00	Jun				57.17			0.0076			57.17
Application 1	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 2	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 3	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 4	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 5	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 6	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 7	lac-in							5.34		0.02	0.19	1.0000			5.53
TOTALS						39.12	70.02	43.51	69.91	1.69	13.80			350.72	587.08
INTEREST ON OPERATING CAPITAL															13.09
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															600.17

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 named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.



## Estimating 2006 Costs of Production Cotton, Bt/Roundup Ready, Center Pivot Irrigated, 12 Row Equipment, No-Till Northeast Boll Weevil Eradication Zone AG-919-12-05

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HARVEST AIDS					
Def 6	pt	5.32	1.1600	6.18	_____
Finish 6	pt	7.90	0.3300	2.61	_____
Dropp 50 WP	lb	40.75	0.1000	4.08	_____
Ethephon	pint	3.69	1.6000	5.91	_____
FERTILIZERS					
0-60-120-10-1	acre	54.12	1.0000	54.12	_____
Liquid Nitrogen 32%	lb	0.12	312.0000	37.83	_____
FUNGICIDES					
Ridomil Gold PC	lb	1.87	7.0000	13.13	_____
HERBICIDES					
Glyphosate Plus	pt	1.78	5.0000	8.94	_____
Clarity	pt	10.95	0.5000	5.48	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Cotoran 4L	pt	4.46	1.6000	7.15	_____
Caparol 4L	pt	3.57	0.7500	2.68	_____
Dual II Magnum	pt	12.82	0.8000	10.26	_____
Direx 80 DF	lb	4.44	0.3300	1.47	_____
INSECTICIDES					
Temik 15G Grit	lb	3.25	3.5000	11.40	_____
Baythroid 2	oz	2.48	0.2000	0.50	_____
Centric 40WG	oz	4.59	2.0000	9.19	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.21	1.0000	8.22	_____
Bidrin 8L	oz	0.71	16.0000	11.45	_____
Pyrethroid	ac	2.17	2.0000	4.34	_____
CROP SEED					
Cottonseed Bt/RR	lb	2.20	10.0000	22.00	_____
TECHNOLOGY FEE					
BtRR Cott Tech Fee N	lb	4.75	10.0000	47.50	_____
Eradication Fee DZ	ac	14.00	0.5000	7.00	_____
Eradication Fee SE/C	ac	12.00	0.5000	6.00	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.21	1.6250	0.34	_____
CUSTOM HIRE					
Cstm Ap Air - 3 gal	appl	4.00	1.0000	4.00	_____
Insect Scouting	acre	8.00	1.0000	8.00	_____
Cstm Ap Air - 5 gal	appl	4.75	9.0000	42.75	_____
OPERATOR LABOR					
Tractors	hour	8.12	0.6623	5.38	_____
Self-Propelled	hour	8.12	0.2104	1.72	_____
IRRIGATION LABOR					
Center pivot Irr.	hour	8.12	0.1624	1.33	_____
HAND LABOR					
Implements	hour	8.12	0.2459	2.00	_____
Self-Propelled	hour	8.12	0.1914	1.56	_____
DIESEL FUEL					
Tractors	gal	2.20	6.3326	13.95	_____
Self-Propelled	gal	2.20	3.3198	7.32	_____
Center pivot Irr.	gal	2.20	14.0000	30.80	_____
REPAIR & MAINTENANCE					
Implements	acre	5.07	1.0000	5.07	_____
Tractors	acre	2.33	1.0000	2.33	_____
Self-Propelled	acre	9.87	1.0000	9.87	_____
Center pivot Irr.	lac-in	0.93	7.0000	6.58	_____
INTEREST ON OP. CAP.	acre	16.24	1.0000	16.24	_____
TOTAL DIRECT EXPENSES				454.60	_____
FIXED EXPENSES					
Implements	acre	10.47	1.0000	10.47	_____
Tractors	acre	17.35	1.0000	17.35	_____
Self-Propelled	acre	46.75	1.0000	46.75	_____
Center pivot Irr.	well	7431.49	0.0076	57.17	_____
TOTAL FIXED EXPENSES				131.74	_____
TOTAL SPECIFIED EXPENSES				586.34	_____

**Robert Hogan, Jr.**  
Extension Economist  
– Farm Management

**Kelly J. Bryant**  
Extension Economist  
– Farm Management

**H. Scott Stiles**  
Extension Economist  
– Risk Management

**Bill Robertson**  
Extension Specialist–  
Cotton

**Frank Groves**  
Research Verification  
Coordinator

**Chris DeArmond**  
Agricultural Econ  
Associate

Table 2. Estimated resource use and costs for field operations, per acre Northeast Boll Weevil Eradication Zone, Center Pivot Irrigated, 12 Row equipment, No-Till, BT/Roundup Ready University of Arkansas

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-----			
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Oct	1.64	1.74	1.19	0.87	0.08	0.67				6.11
Sprayer( 600-825Gal)	90'		0.011	1.00	Feb	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Clarity	pt											0.5000	10.95	5.48	5.48
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	Mar	0.84	0.89			0.03	0.27				2.00
0-60-120-10-1	acre											1.0000	54.12	54.12	54.12
Sprayer( 600-825Gal)	90'		0.011	0.25	Apr	0.09	0.18			0.00	0.03				0.30
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Apr	1.16	1.21	0.15	0.75	0.03	0.32				3.59
NT Plant&Pre-Folding	12R-40	MFWD 190	0.051	1.00	May	1.29	1.38	0.94	2.19	0.10	0.84				6.64
Cottonseed Bt/RR	lb											10.0000	2.20	22.00	22.00
BtRR Cott Tech Fee	N lb											10.0000	4.75	47.50	47.50
Temik 15G Grit	lb											3.5000	3.25	11.40	11.40
Cotoran 4L	pt											1.6000	4.46	7.15	7.15
Baythroid 2	oz											0.2000	2.48	0.50	0.50
Ridomil Gold PC	lb											7.0000	1.87	13.13	13.13
Eradication Fee	DZ ac			0.50	May							0.5000	14.00	7.00	7.00
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	May	0.84	0.89			0.03	0.27				2.00
Liquid Nitrogen 32%	lb											156.0000	0.12	18.91	18.91
Sprayer( 600-825Gal)	90'		0.011	1.00	May	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Sprayer( 600-825Gal)	90'		0.011	1.00	May	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Caparol 4L	pt											0.7500	3.57	2.68	2.68
Dual II Magnum	pt											0.8000	12.82	10.26	10.26
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	Jun	0.84	0.89			0.03	0.27				2.00
Liquid Nitrogen 32%	lb											156.0000	0.12	18.91	18.91
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Centric 40WG	oz											2.0000	4.59	9.19	9.19
Mepiquat Chloride	oz											0.2500	0.21	0.05	0.05
Spray (Direct/Layby)	12R-40	MFWD 170	0.044	1.00	Jun	1.01	1.09	0.27	0.39	0.06	0.54				3.30
Direx 80 DF	lb											0.3300	4.44	1.47	1.47
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Eradication Fee	SE/C ac			0.50	Jul							0.5000	12.00	6.00	6.00
Insect Scouting	acre			1.00	Jul							1.0000	8.00	8.00	8.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Trimax	oz											1.5000	4.47	6.72	6.72
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											8.0000	0.71	5.72	5.72
Mepiquat Chloride	oz											0.6250	0.21	0.13	0.13
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Pyrethroid	ac											1.0000	2.17	2.17	2.17

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-----				
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75	
Bidrin 8L	oz											8.0000	0.71	5.72	5.72	
Mepiquat Chloride	oz											0.7500	0.21	0.16	0.16	
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75	
Pyrethroid	ac											1.0000	2.17	2.17	2.17	
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75	
Def 6	pt											0.5000	5.32	2.66	2.66	
Finish 6	pt											0.3300	7.90	2.61	2.61	
Dropp 50 WP	lb											0.1000	40.75	4.08	4.08	
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75	
Def 6	pt											0.6600	5.32	3.52	3.52	
Ethephon	pint											1.6000	3.69	5.91	5.91	
Boll Buggy-1st pick	6R-40(325)	MFWD 190	0.172	1.00	Oct	4.33	4.63	1.09	2.71	0.17	1.40				14.16	
Cotton Picker-1st-BB	6R-40(330)		0.172			16.02	44.47			0.34	2.80				63.29	
Module Builder-1st	6R-40(325)	MFWD 190	0.172	1.00	Oct	4.33	4.63	1.43	3.56	0.34	2.80				16.75	
Center pivot Irr.	well			1.00	Jun										57.17	
Application 1	1ac-in							5.34		0.02	0.19	1.0000			5.53	
Application 2	1ac-in							5.34		0.02	0.19	1.0000			5.53	
Application 3	1ac-in							5.34		0.02	0.19	1.0000			5.53	
Application 4	1ac-in							5.34		0.02	0.19	1.0000			5.53	
Application 5	1ac-in							5.34		0.02	0.19	1.0000			5.53	
Application 6	1ac-in							5.34		0.02	0.19	1.0000			5.53	
Application 7	1ac-in							5.34		0.02	0.19	1.0000			5.53	
TOTALS						33.47	64.10	42.45	67.64	1.47	11.99				350.45	570.10
INTEREST ON OPERATING CAPITAL																16.24
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																586.34

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 named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

**Estimating 2006 Costs of Production  
 Cotton, BG II/RR Flex, Center Pivot Irrigated, 12 Row Equipment, Stale Seedbed  
 Northeast Boll Weevil Eradication Zone AG-920-12-05**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>DIRECT EXPENSES</b>					
<b>HARVEST AIDS</b>					
Aim	oz	5.20	1.0000	5.21	_____
Dropp 50 WP	lb	40.75	0.1000	4.08	_____
Finish 6	pt	7.90	0.3300	2.61	_____
Ethephon	pint	3.69	1.6000	5.91	_____
<b>FERTILIZERS</b>					
0-60-120-10-1	acre	54.12	1.0000	54.12	_____
Liquid Nitrogen 32%	lb	0.12	312.0000	37.83	_____
<b>FUNGICIDES</b>					
Terraclor 15 G	lb	2.29	7.0000	16.03	_____
<b>HERBICIDES</b>					
Glyphosate Plus	pt	1.78	6.5000	11.62	_____
Clarity	pt	10.95	0.5000	5.48	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Dual Magnum	pt	12.19	0.8000	9.75	_____
Caparol 4L	pt	3.57	0.7500	2.68	_____
Direx 80 DF	lb	4.44	0.3300	1.47	_____
<b>INSECTICIDES</b>					
Centric 40WG	oz	4.59	2.0000	9.19	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.21	1.0000	8.22	_____
Bidrin 8L	oz	0.71	16.0000	11.45	_____
Pyrethroid	ac	2.17	2.0000	4.34	_____
<b>CROP SEED</b>					
Cottonsd BGII/RRFlex	lb	2.34	10.0000	23.40	_____
Cruiser - Seed Trt	lbseed	0.86	10.0000	8.64	_____
<b>TECHNOLOGY FEE</b>					
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
BGII/RRF Tech N	lb	6.39	10.0000	63.90	_____
<b>GROWTH REGULATORS</b>					
Mepiquat Chloride	oz	0.21	26.0000	5.46	_____
<b>ADJUVANTS</b>					
Surfactant (80-20)	pt	1.15	0.4000	0.46	_____
<b>CUSTOM HIRE</b>					
Cstm Ap Air - 3 gal	appl	4.00	1.0000	4.00	_____
Cstm Ap Air - 5 gal	appl	4.75	9.0000	42.75	_____
Insect Scouting	acre	8.00	1.0000	8.00	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	8.12	0.8637	7.01	_____
Self-Propelled	hour	8.12	0.2104	1.72	_____
<b>IRRIGATION LABOR</b>					
Center pivot Irr.	hour	8.12	0.1624	1.33	_____
<b>HAND LABOR</b>					
Implements	hour	8.12	0.2682	2.18	_____
Self-Propelled	hour	8.12	0.1914	1.56	_____
<b>DIESEL FUEL</b>					
Tractors	gal	2.20	8.5391	18.81	_____
Self-Propelled	gal	2.20	3.3198	7.32	_____
Center pivot Irr.	gal	2.20	14.0000	30.80	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	6.13	1.0000	6.13	_____
Tractors	acre	3.12	1.0000	3.12	_____
Self-Propelled	acre	9.87	1.0000	9.87	_____
Center pivot Irr.	lac-in	0.93	7.0000	6.58	_____
INTEREST ON OP. CAP.	acre	13.67	1.0000	13.67	_____
<b>TOTAL DIRECT EXPENSES</b>				478.62	_____
<b>FIXED EXPENSES</b>					
Implements	acre	12.74	1.0000	12.74	_____
Tractors	acre	23.27	1.0000	23.27	_____
Self-Propelled	acre	46.75	1.0000	46.75	_____
Center pivot Irr.	well	7431.49	0.0076	57.17	_____
<b>TOTAL FIXED EXPENSES</b>				139.93	_____
<b>TOTAL SPECIFIED EXPENSES</b>				618.55	_____

**Robert Hogan, Jr.**  
 Extension Economist  
 – Farm Management

**Kelly J. Bryant**  
 Extension Economist  
 – Farm Management

**H. Scott Stiles**  
 Extension Economist  
 – Risk Management

**Bill Robertson**  
 Extension Specialist–  
 Cotton

**Frank Groves**  
 Research Verification  
 Coordinator

**Chris DeArmond**  
 Agricultural Econ  
 Associate

Table 2. Estimated resource use and costs for field operations, per acre Northeast Boll Weevil Eradication Zone, Center Pivot Irrigated, 12 Row equipment, Stale Seedbed, BG II/Roundup Ready Flex University of Arkansas

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Oct	1.64	1.74	1.19	0.87	0.08	0.67				6.11
TerraTill Bed w/roll	6R-40	MFWD 225	0.107	1.00	Nov	3.18	3.31	0.49	1.05	0.10	0.87				8.90
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	Nov	0.84	0.89			0.03	0.27				2.00
0-60-120-10-1	acre											1.0000	54.12	54.12	54.12
Disk Bed (Hipper)	12R-40	MFWD 225	0.049	1.00	Nov	1.46	1.52	0.26	0.82	0.04	0.40				4.46
Sprayer( 600-825Gal)	90'		0.011	1.00	Feb	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Clarity	pt											0.5000	10.95	5.48	5.48
Sprayer( 600-825Gal)	90'		0.011	0.25	Apr	0.09	0.18			0.00	0.03				0.30
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Apr	1.16	1.21	0.15	0.75	0.03	0.32				3.59
Eradication Fee DZ	ac			0.50	May							0.5000	14.00	7.00	7.00
Plant & Pre Folding	12R-40	MFWD 190	0.051	1.00	May	1.29	1.38	0.88	2.05	0.10	0.84				6.44
Cottonsd BGII/RRFlex	1b											10.0000	2.34	23.40	23.40
BGII/RRF Tech N	1b											10.0000	6.39	63.90	63.90
Cruiser - Seed Trt	lbseed											10.0000	0.86	8.64	8.64
Terraclor 15 G	1b											7.0000	2.29	16.03	16.03
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	May	0.84	0.89			0.03	0.27				2.00
Liquid Nitrogen 32%	1b											156.0000	0.12	18.91	18.91
Sprayer( 600-825Gal)	90'		0.011	1.00	May	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Sprayer( 600-825Gal)	90'		0.011	1.00	May	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Dual Magnum	pt											0.8000	12.19	9.75	9.75
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	Jun	0.84	0.89			0.03	0.27				2.00
Liquid Nitrogen 32%	1b											156.0000	0.12	18.91	18.91
Spray (Direct/Hood)	12R-40	MFWD 170	0.044	1.00	Jun	1.01	1.09	0.37	0.54	0.06	0.54				3.55
Caparol 4L	pt											0.7500	3.57	2.68	2.68
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Centric 40WG	oz											2.0000	4.59	9.19	9.19
Mepiquat Chloride	oz											4.0000	0.21	0.84	0.84
Spray (Direct/Layby)	12R-40	MFWD 170	0.044	1.00	Jun	1.01	1.09	0.27	0.39	0.06	0.54				3.30
Direx 80 DF	1b											0.3300	4.44	1.47	1.47
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Trimax	oz											1.5000	4.47	6.72	6.72
Insect Scouting	acre			1.00	Jul							1.0000	8.00	8.00	8.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	1b											0.5000	8.21	4.11	4.11
Eradication Fee DZ	ac			0.50	Jul							0.5000	14.00	7.00	7.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											8.0000	0.71	5.72	5.72
Mepiquat Chloride	oz											10.0000	0.21	2.10	2.10
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	1b											0.5000	8.21	4.11	4.11

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-----			
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Pyrethroid	ac											1.0000	2.17	2.17	2.17
Mepiquat Chloride	oz											12.0000	0.21	2.52	2.52
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											8.0000	0.71	5.72	5.72
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Pyrethroid	ac											1.0000	2.17	2.17	2.17
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75
Aim	oz											0.3300	5.20	1.72	1.72
Dropp 50 WP	lb											0.1000	40.75	4.08	4.08
Finish 6	pt											0.3300	7.90	2.61	2.61
Surfactant (80-20)	pt											0.2000	1.15	0.23	0.23
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75
Aim	oz											0.6700	5.20	3.49	3.49
Ethephon	pint											1.6000	3.69	5.91	5.91
Surfactant (80-20)	pt											0.2000	1.15	0.23	0.23
Boll Buggy-1st pick	6R-40(325)	MFWD 190	0.172	1.00	Oct	4.33	4.63	1.09	2.71	0.17	1.40				14.16
Cotton Picker-1st-BB	6R-40(330)		0.172			16.02	44.47			0.34	2.80				63.29
Module Builder-1st	6R-40(325)	MFWD 190	0.172	1.00	Oct	4.33	4.63	1.43	3.56	0.34	2.80				16.75
Center pivot Irr.	well			1.00	Jun				57.17			0.0076			57.17
Application 1	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 2	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 3	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 4	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 5	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 6	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 7	lac-in							5.34		0.02	0.19	1.0000			5.53
TOTALS						39.12	70.02	43.51	69.91	1.69	13.80			368.52	604.88
INTEREST ON OPERATING CAPITAL															13.67
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															618.55

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.



**Estimating 2006 Costs of Production  
 Cotton, Bt/Roundup Ready, Center Pivot Irrigated, 8 Row Equipment,  
 Conventional Till  
 Northeast Boll Weevil Eradication Zone AG-921-12-05**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HARVEST AIDS					
Finish 6	pt	7.90	0.3300	2.61	_____
Def 6	pt	5.32	1.1600	6.18	_____
Dropp 50 WP	lb	40.75	0.1000	4.08	_____
Ethephon	pint	3.69	1.6000	5.91	_____
FERTILIZERS					
0-60-120-10-1	acre	54.12	1.0000	54.12	_____
Liquid Nitrogen 32%	lb	0.12	312.0000	37.83	_____
FUNGICIDES					
Terraclor 15 G	lb	2.29	7.0000	16.03	_____
HERBICIDES					
Glyphosate Plus	pt	1.78	6.5000	11.62	_____
Clarity	pt	10.95	0.5000	5.48	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Cotoran 4L	pt	4.46	1.6000	7.15	_____
Dual II Magnum	pt	12.82	0.8000	10.26	_____
Caparol 4L	pt	3.57	0.7500	2.68	_____
Direx 80 DF	lb	4.44	0.3300	1.47	_____
INSECTICIDES					
Centric 40WG	oz	4.59	2.0000	9.19	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.21	1.0000	8.22	_____
Bidrin 8L	oz	0.71	16.0000	11.45	_____
Pyrethroid	ac	2.17	2.0000	4.34	_____
CROP SEED					
Cottonseed Bt/RR	lb	2.20	10.0000	22.00	_____
Cruiser - Seed Trt	lbseed	0.86	10.0000	8.64	_____
TECHNOLOGY FEE					
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
BtRR Cott Tech Fee N	lb	4.75	10.0000	47.50	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.21	26.0000	5.46	_____
CUSTOM HIRE					
Cstm Ap Air - 3 gal	appl	4.00	1.0000	4.00	_____
Cstm Ap Air - 5 gal	appl	4.75	9.0000	42.75	_____
Insect Scouting	acre	8.00	1.0000	8.00	_____
OPERATOR LABOR					
Tractors	hour	8.12	1.3613	11.05	_____
Self-Propelled	hour	8.12	0.3150	2.55	_____
IRRIGATION LABOR					
Center pivot Irr.	hour	8.12	0.1624	1.33	_____
HAND LABOR					
Implements	hour	8.12	0.4018	3.26	_____
Self-Propelled	hour	8.12	0.2864	2.32	_____
DIESEL FUEL					
Tractors	gal	2.20	12.8561	28.28	_____
Self-Propelled	gal	2.20	3.9732	8.74	_____
Center pivot Irr.	gal	2.20	14.0000	30.80	_____
REPAIR & MAINTENANCE					
Implements	acre	8.75	1.0000	8.75	_____
Tractors	acre	4.72	1.0000	4.72	_____
Self-Propelled	acre	9.69	1.0000	9.69	_____
Center pivot Irr.	lac-in	0.93	7.0000	6.58	_____
INTEREST ON OP. CAP.	acre	13.40	1.0000	13.40	_____
TOTAL DIRECT EXPENSES				490.36	_____
FIXED EXPENSES					
Implements	acre	20.09	1.0000	20.09	_____
Tractors	acre	35.36	1.0000	35.36	_____
Self-Propelled	acre	46.22	1.0000	46.22	_____
Center pivot Irr.	well	7431.49	0.0076	57.17	_____
TOTAL FIXED EXPENSES				158.84	_____
TOTAL SPECIFIED EXPENSES				649.20	_____

**Robert Hogan, Jr.**  
 Extension Economist  
 – Farm Management

**Kelly J. Bryant**  
 Extension Economist  
 – Farm Management

**H. Scott Stiles**  
 Extension Economist  
 – Risk Management

**Bill Robertson**  
 Extension Specialist–  
 Cotton

**Frank Groves**  
 Research Verification  
 Coordinator

**Chris DeArmond**  
 Agricultural Econ  
 Associate

Table 2. Estimated resource use and costs for field operations, per acre Northeast Boll Weevil Eradication Zone, Center Pivot Irrigated, 8 Row equipment, Conventional Till, Bt/Roundup Ready University of Arkansas

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-----			
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Oct	1.64	1.74	1.19	0.87	0.08	0.67				6.11
Heavy Disk	27'	MFWD 190	0.075	1.00	Oct	1.90	2.03	0.67	1.70	0.07	0.61				6.91
Chisel Plow(Folding)	24'	MFWD 190	0.076	1.00	Oct	1.91	2.05	0.54	1.16	0.07	0.62				6.28
Field Cultivate	32'	MFWD 225	0.046	1.00	Nov	1.38	1.44	0.27	1.38	0.04	0.38				4.85
Fertilizer Applicato	8R	MFWD 170	0.050	1.00	Nov	1.12	1.22			0.05	0.41				2.75
0-60-120-10-1	acre											1.0000	54.12	54.12	54.12
Disk Bed (Hipper)Fld	8R-40	MFWD 190	0.074	1.00	Nov	1.86	1.99	0.27	0.87	0.07	0.60				5.59
Sprayer( 600-750Gal)	60'		0.017	1.00	Feb	0.53	0.98			0.02	0.21				1.72
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Clarity	pt											0.5000	10.95	5.48	5.48
Sprayer( 600-750Gal)	60'		0.017	0.25	Apr	0.13	0.24			0.00	0.06				0.43
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Disk Bed (Hipper)Fld	8R-40	MFWD 190	0.074	1.00	Apr	1.86	1.99	0.27	0.87	0.07	0.60				5.59
Row Cond (Harrow)	27'	MFWD 190	0.055	1.00	Apr	1.39	1.48	0.13	0.64	0.05	0.45				4.09
Eradication Fee DZ	ac			0.50	May							0.5000	14.00	7.00	7.00
Plant & Pre Folding	8R-40	MFWD 170	0.077	1.00	May	1.74	1.88	0.97	2.26	0.15	1.26				8.11
Cottonseed Bt/RR	lb											10.0000	2.20	22.00	22.00
BtRR Cott Tech Fee N	lb											10.0000	4.75	47.50	47.50
Cruiser - Seed Trt	lbseed											10.0000	0.86	8.64	8.64
Terraclor 15 G	lb											7.0000	2.29	16.03	16.03
Cotoran 4L	pt											1.6000	4.46	7.15	7.15
Fertilizer Applicato	8R	MFWD 170	0.050	1.00	May	1.12	1.22			0.05	0.41				2.75
Liquid Nitrogen 32%	lb											156.0000	0.12	18.91	18.91
Sprayer( 600-750Gal)	60'		0.017	1.00	May	0.53	0.98			0.02	0.21				1.72
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Sprayer( 600-750Gal)	60'		0.017	1.00	Jun	0.53	0.98			0.02	0.21				1.72
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Dual II Magnum	pt											0.8000	12.82	10.26	10.26
Fertilizer Applicato	8R	MFWD 170	0.050	1.00	Jun	1.12	1.22			0.05	0.41				2.75
Liquid Nitrogen 32%	lb											156.0000	0.12	18.91	18.91
Spray (Direct/Hood)	8R-40	MFWD 170	0.066	1.00	Jun	1.51	1.63	0.46	0.67	0.10	0.81				5.08
Caparol 4L	pt											0.7500	3.57	2.68	2.68
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Centric 40WG	oz											2.0000	4.59	9.19	9.19
Mepiquat Chloride	oz											4.0000	0.21	0.84	0.84
Spray (Direct/Layby)	8R-40	MFWD 170	0.066	1.00	Jun	1.51	1.63	0.21	0.30	0.10	0.81				4.46
Direx 80 DF	lb											0.3300	4.44	1.47	1.47
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Trimax	oz											1.5000	4.47	6.72	6.72
Insect Scouting	acre			1.00	Jul							1.0000	8.00	8.00	8.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											8.0000	0.71	5.72	5.72
Mepiquat Chloride	oz											10.0000	0.21	2.10	2.10

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-----			
Eradication Fee DZ	ac			0.50	Jul							0.5000	14.00	7.00	7.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Pyrethroid	ac											1.0000	2.17	2.17	2.17
Mepiquat Chloride	oz											12.0000	0.21	2.52	2.52
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											8.0000	0.71	5.72	5.72
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Pyrethroid	ac											1.0000	2.17	2.17	2.17
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75
Finish 6	pt											0.3300	7.90	2.61	2.61
Def 6	pt											0.5000	5.32	2.66	2.66
Dropp 50 WP	lb											0.1000	40.75	4.08	4.08
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75
Ethephon	pint											1.6000	3.69	5.91	5.91
Def 6	pt											0.6600	5.32	3.52	3.52
Boll Buggy-1st pick	4R-40(255)	MFWD 190	0.257	1.00	Oct	6.47	6.92	1.63	4.05	0.25	2.09				21.16
Cotton Picker-1st-BB	4R-40(255)		0.257			16.71	43.04			0.51	4.18				63.93
Module Builder-1st	4R-40(255)	MFWD 190	0.257	1.00	Oct	6.47	6.92	2.14	5.32	0.51	4.18				25.03
Center pivot Irr.	well			1.00	Jun				57.17			0.0076			57.17
Application 1	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 2	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 3	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 4	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 5	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 6	lac-in							5.34		0.02	0.19	1.0000			5.53
Application 7	lac-in							5.34		0.02	0.19	1.0000			5.53
TOTALS						51.43	81.58	46.13	77.26	2.52	20.51			358.89	635.80
INTEREST ON OPERATING CAPITAL															13.40
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															649.20

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

**Estimating 2006 Costs of Production  
 Cotton, BG II/RR Flex, Center Pivot Irrigated, 12 Row Equipment, No-Till  
 Northeast Boll Weevil Eradication Zone AG-922-12-05**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>DIRECT EXPENSES</b>					
<b>HARVEST AIDS</b>					
Def 6	pt	5.32	1.1600	6.18	_____
Finish 6	pt	7.90	0.3300	2.61	_____
Dropp 50 WP	lb	40.75	0.1000	4.08	_____
Ethephon	pint	3.69	1.6000	5.91	_____
<b>FERTILIZERS</b>					
0-60-120-10-1	acre	54.12	1.0000	54.12	_____
Liquid Nitrogen 32%	lb	0.12	312.0000	37.83	_____
<b>FUNGICIDES</b>					
Ridomil Gold PC	lb	1.87	7.0000	13.13	_____
<b>HERBICIDES</b>					
Glyphosate Plus	pt	1.78	5.0000	8.94	_____
Clarity	pt	10.95	0.5000	5.48	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Cotoran 4L	pt	4.46	1.6000	7.15	_____
Caparol 4L	pt	3.57	0.7500	2.68	_____
Dual II Magnum	pt	12.82	0.8000	10.26	_____
Direx 80 DF	lb	4.44	0.3300	1.47	_____
<b>INSECTICIDES</b>					
Baythroid 2	oz	2.48	0.2000	0.50	_____
Centric 40WG	oz	4.59	2.0000	9.19	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.21	1.0000	8.22	_____
Bidrin 8L	oz	0.71	16.0000	11.45	_____
Pyrethroid	ac	2.17	2.0000	4.34	_____
<b>CROP SEED</b>					
Cottonsd BGII/RRFlex	lb	2.34	10.0000	23.40	_____
Cruiser - Seed Trt	lbseed	0.86	10.0000	8.64	_____
<b>TECHNOLOGY FEE</b>					
BGII/RRF Tech N	lb	6.39	10.0000	63.90	_____
Eradication Fee SE/C	ac	12.00	1.0000	12.00	_____
<b>GROWTH REGULATORS</b>					
Mepiquat Chloride	oz	0.21	1.6250	0.34	_____
<b>CUSTOM HIRE</b>					
Cstm Ap Air - 3 gal	appl	4.00	1.0000	4.00	_____
Insect Scouting	acre	8.00	1.0000	8.00	_____
Cstm Ap Air - 5 gal	appl	4.75	9.0000	42.75	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	8.12	0.6623	5.38	_____
Self-Propelled	hour	8.12	0.2104	1.72	_____
<b>IRRIGATION LABOR</b>					
Center pivot Irr.	hour	8.12	0.1624	1.33	_____
<b>HAND LABOR</b>					
Implements	hour	8.12	0.2459	2.00	_____
Self-Propelled	hour	8.12	0.1914	1.56	_____
<b>DIESEL FUEL</b>					
Tractors	gal	2.20	6.3326	13.95	_____
Self-Propelled	gal	2.20	3.3198	7.32	_____
Center pivot Irr.	gal	2.20	14.0000	30.80	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	5.07	1.0000	5.07	_____
Tractors	acre	2.33	1.0000	2.33	_____
Self-Propelled	acre	9.87	1.0000	9.87	_____
Center pivot Irr.	lac-in	0.93	7.0000	6.58	_____
INTEREST ON OP. CAP.	acre	16.87	1.0000	16.87	_____
<b>TOTAL DIRECT EXPENSES</b>				469.27	_____
<b>FIXED EXPENSES</b>					
Implements	acre	10.47	1.0000	10.47	_____
Tractors	acre	17.35	1.0000	17.35	_____
Self-Propelled	acre	46.75	1.0000	46.75	_____
Center pivot Irr.	well	7431.49	0.0076	57.17	_____
<b>TOTAL FIXED EXPENSES</b>				131.74	_____
<b>TOTAL SPECIFIED EXPENSES</b>				601.01	_____

**Robert Hogan, Jr.**  
 Extension Economist  
 – Farm Management

**Kelly J. Bryant**  
 Extension Economist  
 – Farm Management

**H. Scott Stiles**  
 Extension Economist  
 – Risk Management

**Bill Robertson**  
 Extension Specialist–  
 Cotton

**Frank Groves**  
 Research Verification  
 Coordinator

**Chris DeArmond**  
 Agricultural Econ  
 Associate

Table 2. Estimated resource use and costs for field operations, per acre Northeast Boll Weevil Eradication Zone, Center Pivot Irrigation, 12 Row equipment, No-till, BG II/Roundup Ready Flex University of Arkansas

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Oct	1.64	1.74	1.19	0.87	0.08	0.67				6.11
Sprayer( 600-825Gal)	90'		0.011	1.00	Feb	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Clarity	pt											0.5000	10.95	5.48	5.48
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	Mar	0.84	0.89			0.03	0.27				2.00
0-60-120-10-1	acre											1.0000	54.12	54.12	54.12
Sprayer( 600-825Gal)	90'		0.011	0.25	Apr	0.09	0.18			0.00	0.03				0.30
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Apr	1.16	1.21	0.15	0.75	0.03	0.32				3.59
NT Plant&Pre-Folding	12R-40	MFWD 190	0.051	1.00	May	1.29	1.38	0.94	2.19	0.10	0.84				6.64
Cottonsd BGII/RRFlex	lb											10.0000	2.34	23.40	23.40
BGII/RRF Tech N	lb											10.0000	6.39	63.90	63.90
Cruiser - Seed Trt	lbseed											10.0000	0.86	8.64	8.64
Cotoran 4L	pt											1.6000	4.46	7.15	7.15
Baythroid 2	oz											0.2000	2.48	0.50	0.50
Ridomil Gold PC	lb											7.0000	1.87	13.13	13.13
Eradication Fee SE/C	ac			0.50	May							0.5000	12.00	6.00	6.00
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	May	0.84	0.89			0.03	0.27				2.00
Liquid Nitrogen 32%	lb											156.0000	0.12	18.91	18.91
Sprayer( 600-825Gal)	90'		0.011	1.00	May	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.5000	1.78	2.68	2.68
Sprayer( 600-825Gal)	90'		0.011	1.00	May	0.36	0.70			0.01	0.15				1.21
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Caparol 4L	pt											0.7500	3.57	2.68	2.68
Dual II Magnum	pt											0.8000	12.82	10.26	10.26
Fertilizer Applicato	12R	MFWD 190	0.033	1.00	Jun	0.84	0.89			0.03	0.27				2.00
Liquid Nitrogen 32%	lb											156.0000	0.12	18.91	18.91
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Centric 40WG	oz											2.0000	4.59	9.19	9.19
Mepiquat Chloride	oz											0.2500	0.21	0.05	0.05
Spray (Direct/Layby)	12R-40	MFWD 170	0.044	1.00	Jun	1.01	1.09	0.27	0.39	0.06	0.54				3.30
Direx 80 DF	lb											0.3300	4.44	1.47	1.47
Glyphosate Plus	pt											1.0000	1.78	1.79	1.79
Eradication Fee SE/C	ac			0.50	Jul							0.5000	12.00	6.00	6.00
Insect Scouting	acre			1.00	Jul							1.0000	8.00	8.00	8.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Trimax	oz											1.5000	4.47	6.72	6.72
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											8.0000	0.71	5.72	5.72
Mepiquat Chloride	oz											0.6250	0.21	0.13	0.13
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5000	8.21	4.11	4.11
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Pyrethroid	ac											1.0000	2.17	2.17	2.17

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-----				
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75	
Bidrin 8L	oz											8.0000	0.71	5.72	5.72	
Mepiquat Chloride	oz											0.7500	0.21	0.16	0.16	
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	4.75	4.75	4.75	
Pyrethroid	ac											1.0000	2.17	2.17	2.17	
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75	
Def 6	pt											0.5000	5.32	2.66	2.66	
Finish 6	pt											0.3300	7.90	2.61	2.61	
Dropp 50 WP	lb											0.1000	40.75	4.08	4.08	
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	4.75	4.75	4.75	
Def 6	pt											0.6600	5.32	3.52	3.52	
Ethephon	pint											1.6000	3.69	5.91	5.91	
Boll Buggy-1st pick	6R-40(325)	MFWD 190	0.172	1.00	Oct	4.33	4.63	1.09	2.71	0.17	1.40				14.16	
Cotton Picker-1st-BB	6R-40(330)		0.172			16.02	44.47			0.34	2.80				63.29	
Module Builder-1st	6R-40(325)	MFWD 190	0.172	1.00	Oct	4.33	4.63	1.43	3.56	0.34	2.80				16.75	
Center pivot Irr.	well			1.00	Jun										57.17	
Application 1	lac-in							5.34		0.02	0.19	1.0000			5.53	
Application 2	lac-in							5.34		0.02	0.19	1.0000			5.53	
Application 3	lac-in							5.34		0.02	0.19	1.0000			5.53	
Application 4	lac-in							5.34		0.02	0.19	1.0000			5.53	
Application 5	lac-in							5.34		0.02	0.19	1.0000			5.53	
Application 6	lac-in							5.34		0.02	0.19	1.0000			5.53	
Application 7	lac-in							5.34		0.02	0.19	1.0000			5.53	
TOTALS						33.47	64.10	42.45	67.64	1.47	11.99				364.49	584.14
INTEREST ON OPERATING CAPITAL																16.87
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																601.01

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.

**Table 3. Alternative Cotton Production Practices, and which cotton budgets contain them.**

<b>Production Practice</b>	<b>Cost per acre<sup>a</sup></b>	<b>Budget No.</b>
Bud worm/boll worm control		
Lannate (1 gal./ 4 acres)	\$18.43	None
Larvin (1 gal./ 3.5 acres)	\$21.87	None
Tracer (1 gal./ 64 acres)	\$16.63	None
Tracer (1/2 rate) + Pyretheroid	\$12.98	None
Defoliation for Irrigated Cotton	\$26.22	All budgets except: AG-983, 903, and 913
Defoliation for Dryland Cotton	\$18.78	AG-983, 903, and 913
Gaucho seed treatment	\$0.85/lb. of seed	AG-896, 906, and 914
Harvest 4 row harvester, first pick <sup>b</sup>	\$63.93	AG-893, 894, 895, 903, 913, and 921
4 row harvester, second pick <sup>b</sup>	\$54.16	None
6 row harvester, (38" rows), first pick <sup>b</sup>	\$63.29	All budgets except: AG-893, 894, 895, 903, 913, and 921
6 row harvester, (38" rows), second pick <sup>b</sup>	\$53.62	None
Irrigation, furrow (3 ac. in)	\$7.85 per app. Plus a fixed cost of \$16.33	All irrigated budgets except: AG-894, 895, 897, 904, 910, 911, 912, 918, 919, 920, 921, and 922
Irrigation, center pivot (1 ac. in)	\$5.33 per app. Plus a fixed cost of \$51.03	AG-894, 895, 897, 904, 910, 911, 912, 918, 919, 920, 921, and 922
Irrigation, towable center pivot (1 ac. In)	\$6.39 per app. Plus a fixed cost of \$62.64	None
Irrigation, furrow, stationary relift (3 ac. in)	\$4.51 per app. Plus a fixed cost of \$16.61	None
Module Builder	\$25.03	All
Row cultivate plus directed spray	\$6.05 + material	None
Staple herbicide banded application (0.6 oz)	\$13.42	None
Prowl, and Incorporate (1.2 pints)	\$8.05	None
Treflan, Incorporated application (0.75 pints)	\$9.00	None
Treflan and Incorporate (1.5 pints)	\$11.00	None

<sup>a</sup> Machinery costs per acre assume that each machine is fully utilized on the farm.

<sup>b</sup>This harvest cost includes the direct and fixed costs of the cotton picker only.

The authors gratefully acknowledge the contributions of Ken Smith, Glenn Studebaker, and Gus Lorenz in the construction of the 2006 cotton budgets. For additional information on cotton economics contact Rob Hogan at the Northeast Research and Extension Center 870-526-2199.

View and print all of the Arkansas crop budgets at <http://www.aragriculture.org/farmplanning/Budgets/default.asp>