

Estimating 2007 Costs of Production, Cotton
Northeast Boll Weevil Eradication Zone, Non-Irrigated, 8 Row,
Stale Seedbed, Roundup Ready
AG-1047-12-06

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	45.56	1.0000	45.56	_____
Urea, Solid (46% N)	lb	0.17	174.0000	30.45	_____
HERBICIDES					
Glyphosate Plus	pt	1.97	5.2000	10.24	_____
Clarity	pt	11.00	0.5000	5.50	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Dual Magnum	pt	12.66	1.0000	12.66	_____
Caparol 4L	pt	3.71	0.1500	0.56	_____
Direx 80 DF	lb	3.89	0.3300	1.28	_____
INSECTICIDES					
Centric 40WG	oz	4.60	2.0000	9.20	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.59	1.0000	8.59	_____
Bidrin 8L	oz	0.76	16.0000	12.31	_____
Pyrethroid	ac	6.00	2.0000	12.00	_____
CROP SEED					
Cottonseed RR	thous	0.42	45.0000	18.90	_____
Cruiser Seed Trmnt	thous	0.20	45.0000	9.00	_____
TECHNOLOGY FEE					
RR Cotton Tech Fee N	thous	0.61	45.0000	27.59	_____
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
CUSTOM HIRE					
Cstm Ap Air - 3 gal	appl	5.10	1.0000	5.10	_____
Cstm Ap Air - 5 gal	appl	5.50	8.0000	44.00	_____
Insect Scouting	acre	10.00	1.0000	10.00	_____
OPERATOR LABOR					
Tractors	hour	9.00	1.2652	11.39	_____
Self-Propelled	hour	9.00	0.3150	2.84	_____
HAND LABOR					
Implements	hour	7.80	0.3720	2.90	_____
Self-Propelled	hour	7.80	0.2864	2.24	_____
DIESEL FUEL					
Tractors	gal	2.22	12.2320	27.16	_____
Self-Propelled	gal	2.22	3.9732	8.81	_____
REPAIR & MAINTENANCE					
Implements	acre	7.94	1.0000	7.94	_____
Tractors	acre	4.71	1.0000	4.71	_____
Self-Propelled	acre	9.94	1.0000	9.94	_____
INTEREST ON OP. CAP.	acre	11.29	1.0000	11.29	_____
TOTAL DIRECT EXPENSES				388.04	_____
FIXED EXPENSES					
Implements	acre	19.06	1.0000	19.06	_____
Tractors	acre	36.31	1.0000	36.31	_____
Self-Propelled	acre	49.01	1.0000	49.01	_____
TOTAL FIXED EXPENSES				104.38	_____
TOTAL SPECIFIED EXPENSES				492.42	_____

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Table 2. Estimated resource use and costs for field operations, per acre AG-1047 NE, NI, 8R, SS, RR, 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	1.67	1.92	1.29	0.98	0.08	0.74				6.60
TerraTill Bed w/roll	4R-38	MFWD 225	0.160	1.00	Oct	4.78	4.98	0.66	1.47	0.16	1.45				13.34
Fert Appl - T & O	8r27	MFWD 170	0.050	1.00	Nov	1.15	1.38			0.05	0.45				2.98
0-60-120-10-1	acre											1.0000	45.56	45.56	45.56
Field Cultivate	32'	MFWD 190	0.046	1.00	Nov	1.19	1.36	0.31	1.64	0.04	0.42				4.92
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Nov	1.89	2.16	0.29	0.95	0.07	0.67				5.96
Sprayer(600-750Gal)	60'		0.017	1.00	Feb	0.53	1.05			0.02	0.23				1.81
Glyphosate Plus	pt											1.5000	1.97	2.96	2.96
Clarity	pt											0.5000	11.00	5.50	5.50
Sprayer(600-750Gal)	60'		0.017	0.25	Apr	0.13	0.26			0.00	0.06				0.45
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Apr	1.89	2.16	0.29	0.95	0.07	0.67				5.96
Row Cond (Harrow)	26'	MFWD 190	0.057	1.00	Apr	1.47	1.67	0.14	0.72	0.05	0.52				4.52
Plant - Folding	8R-40	MFWD 170	0.074	1.00	May	1.72	2.06	0.86	2.07	0.14	1.25				7.96
Cottonseed RR	thous											45.0000	0.42	18.90	18.90
RR Cotton Tech Fee	N thous											45.0000	0.61	27.59	27.59
Cruiser Seed Trmnt	thous											45.0000	0.20	9.00	9.00
Fert Appl - T & O	8r27	MFWD 170	0.050	1.00	May	1.15	1.38			0.05	0.45				2.98
Urea, Solid (46% N)	lb											174.0000	0.17	30.45	30.45
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.53	1.05			0.02	0.23				1.81
Glyphosate Plus	pt											1.0000	1.97	1.97	1.97
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.53	1.05			0.02	0.23				1.81
Glyphosate Plus	pt											1.5000	1.97	2.96	2.96
Dual Magnum	pt											1.0000	12.66	12.66	12.66
Spray (Band)	27' Fold	MFWD 170	0.062	0.20	Jun	0.28	0.35	0.03	0.05	0.01	0.16				0.87
Caparol 4L	pt											0.1500	3.71	0.56	0.56
Glyphosate Plus	pt											0.2000	1.97	0.39	0.39
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	5.10	5.10	5.10
Centric 40WG	oz											2.0000	4.60	9.20	9.20
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	1.54	1.85	0.25	0.38	0.10	0.86				4.88
Direx 80 DF	lb											0.3300	3.89	1.28	1.28
Glyphosate Plus	pt											1.0000	1.97	1.97	1.97
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Trimax	oz											1.5000	4.47	6.72	6.72
Insect Scouting	acre			1.00	Jul							1.0000	10.00	10.00	10.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Orthene 90S	lb											0.5000	8.59	4.30	4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Bidrin 8L	oz											8.0000	0.76	6.16	6.16
Eradication Fee	DZ			1.00	Jul							1.0000	14.00	14.00	14.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Orthene 90S	lb											0.5000	8.59	4.30	4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Pyrethroid	ac											1.0000	6.00	6.00	6.00
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	5.50	5.50	5.50
Bidrin 8L	oz											8.0000	0.76	6.16	6.16
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	5.50	5.50	5.50
Pyrethroid	ac											1.0000	6.00	6.00	6.00
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	5.50	5.50	5.50
CottonQuik	pt											3.0000	3.27	9.83	9.83
Dropp 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	6.57	7.52	1.65	4.25	0.25	2.32	22.31	
Cotton Picker-1st-BB	4R-38(255)		0.257			17.03	45.60			0.51	4.33	66.96	
Module Builder-1st	4R-38(255)	MFWD 190	0.257	1.00	Oct	6.57	7.52	2.17	5.60	0.51	4.33	26.19	
						-----	-----	-----	-----	-----	-----	-----	
TOTALS						50.62	85.32	7.94	19.06	2.23	19.37	298.82	481.13
INTEREST ON OPERATING CAPITAL												11.29	
UNALLOCATED LABOR												0.00	
TOTAL SPECIFIED COST												492.42	

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.

Production Practice	Cost per acre^a	Budget No.
Bud worm/boll worm control		
Lannate (1 gal./ 4 acres)	\$19.23	None
Larvin (1 gal./ 3.5 acres)	\$22.93	None
Tracer (1 gal./ 64 acres)	\$18.41	None
Tracer (1/2 rate) + Pyretheroid	\$18.19	None
Defoliation for Irrigated Cotton	\$27.79	All budgets except: AG-1027, 1038, and 1048
Defoliation for Dryland Cotton	\$19.55	AG-1027, 1038, and 1048
Cruiser seed treatment	\$9.31	AG-1027, 1028, 1029, 1030, 1032, 1033, 1034, 1035, 1036, 1038, 1039, 1040, 1042, 1043, 1044, 1045, 1047, 1048, 1049, 1050, 1051, 1053, 1054, 1055
Gaucho seed treatment	\$9.31	AG-1031 and 1041
Avicta Complete Pak seed treatment	\$21.60	None
Harvest 4 row harvester, first pick ^b	\$66.96	AG-1027, 1028, 1029, 1030, 1038, 1047, and 1054
4 row harvester, second pick ^b	\$56.73	None
6 row harvester, (38" rows), first pick ^b	\$66.39	All budgets except: AG-1027, 1028, 1029, 1030, 1038, 1047, and 10542
6 row harvester, (38" rows), second pick ^b	\$56.23	None
Irrigation, furrow (3 ac. in)	\$8.35 per app. Plus a fixed cost of \$25.32	AG-1030, 1031, 1033, 1034, 1035, 1036, 1037, 1040, 1041, 1042, 1043, 1044, 1048, 1049, and 1050
Irrigation, center pivot (1 ac. in)	\$5.75 per app. Plus a fixed cost of \$69.24	AG-1028, 1029, 1032, 1039, 1045, 1046, 1051, 1052, 1053, 1054, and 1055
Irrigation, furrow, stationary relift (3 ac. in)	\$4.63 per app. Plus a fixed cost of \$24.79	None
Module Builder	\$26.19	All
Row cultivate plus directed spray	\$6.42 + material	None
Staple herbicide banded application (0.6 oz)	\$14.40	None
Prowl, and Incorporate (1.2 pints)	\$8.55	None
Treflan, Incorporated application (0.75 pints)	\$9.16	None
Treflan and Incorporate (1.5 pints)	\$10.98	None

^a Machinery costs per acre assume that each machine is fully utilized on the farm.

^bThis harvest cost includes the direct and fixed costs of the cotton picker only.

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View and print all of the Arkansas crop budgets at http://www.uaex.edu/depts/ag_economics/crop_budgets.htm

Estimating 2007 Costs of Production, Cotton
Northeast Boll Weevil Eradication Zone, Furrow, 12 Row,
Stale Seedbed, Liberty Link, AG-1048-12-06

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HARVEST AIDS					
Finish 6	pt	7.50	1.6631	12.47	_____
Dropp SC	oz	2.09	0.1600	0.34	_____
Def 6	pt	5.32	0.3331	1.77	_____
FERTILIZERS					
0-60-120-10-1	acre	45.56	1.0000	45.56	_____
Urea, Solid (46% N)	lb	0.17	218.0000	38.15	_____
FUNGICIDES					
Terraclor 15 G	lb	1.32	7.0000	9.24	_____
HERBICIDES					
Glyphosate Plus	pt	1.97	1.5000	2.96	_____
Clarity	pt	11.00	0.5000	5.50	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Ignite 280 SL	pt	4.43	4.3125	19.14	_____
Direx 80 DF	lb	3.89	0.3300	1.28	_____
Valor SX	lb	65.50	0.1250	8.19	_____
INSECTICIDES					
Centric 40WG	oz	4.60	2.0000	9.20	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.59	1.0000	8.59	_____
Bidrin 8L	oz	0.76	16.0000	12.31	_____
Pyrethroid	ac	6.00	2.0000	12.00	_____
IRRIGATION SUPPLIES					
IrrPipe+lay+pickup	acre	10.30	1.0000	10.30	_____
CROP SEED					
Cottonseed LL	thous	0.45	45.0000	20.25	_____
Cruiser Seed Trmnt	thous	0.20	45.0000	9.00	_____
TECHNOLOGY FEE					
LL Tech Fee N	thous	0.18	45.0000	8.10	_____
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.15	26.0000	4.06	_____
CUSTOM HIRE					
Cstm Ap Air - 3 gal	appl	5.10	1.0000	5.10	_____
Cstm Ap Air - 5 gal	appl	5.50	9.0000	49.50	_____
Insect Scouting	acre	10.00	1.0000	10.00	_____
OPERATOR LABOR					
Tractors	hour	9.00	0.8185	7.36	_____
Self-Propelled	hour	9.00	0.2104	1.91	_____
IRRIGATION LABOR					
Furrow Irr.	hour	7.80	0.3017	2.36	_____
HAND LABOR					
Implements	hour	7.80	0.2453	1.91	_____
Self-Propelled	hour	7.80	0.1914	1.50	_____
DIESEL FUEL					
Tractors	gal	2.22	8.2349	18.27	_____
Self-Propelled	gal	2.22	3.3198	7.38	_____
Furrow Irr.	gal	2.22	12.0000	26.64	_____
REPAIR & MAINTENANCE					
Implements	acre	6.20	1.0000	6.20	_____
Tractors	acre	3.10	1.0000	3.10	_____
Self-Propelled	acre	10.14	1.0000	10.14	_____
Furrow Irr.	ac-in	0.29	12.0000	3.52	_____
INTEREST ON OP. CAP.	acre	12.20	1.0000	12.20	_____
TOTAL DIRECT EXPENSES				427.49	_____
FIXED EXPENSES					
Implements	acre	13.62	1.0000	13.62	_____
Tractors	acre	23.75	1.0000	23.75	_____
Self-Propelled	acre	49.56	1.0000	49.56	_____
Furrow Irr.	each	3038.56	0.0083	25.32	_____
TOTAL FIXED EXPENSES				112.25	_____
TOTAL SPECIFIED EXPENSES				539.74	_____

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Table 2. Estimated resource use and costs for field operations, per acre AG-1048, NE, Furrow, 12R, Stale, LL, 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	1.67	1.92	1.29	0.98	0.08	0.74				6.60
TerraTill Bed w/roll	6R-38	MFWD 225	0.107	1.00	Nov	3.19	3.33	0.59	1.33	0.10	0.97				9.41
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	Nov	0.85	0.97			0.03	0.30				2.12
0-60-120-10-1	acre											1.0000	45.56	45.56	45.56
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	1.00	Nov	1.47	1.53	0.29	0.96	0.04	0.44				4.69
Sprayer(600-825Gal)	90'		0.011	1.00	Feb	0.36	0.74			0.01	0.16				1.26
Glyphosate Plus	pt											1.5000	1.97	2.96	2.96
Clarity	pt											0.5000	11.00	5.50	5.50
Sprayer(600-825Gal)	90'		0.011	0.25	Apr	0.09	0.19			0.00	0.04				0.32
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Apr	1.17	1.22	0.16	0.86	0.03	0.35				3.76
Plant & Pre Folding	12R-40	MFWD 225	0.050	1.00	May	1.51	1.57	1.03	2.48	0.10	0.86				7.45
Cottonseed LL	thous											45.0000	0.45	20.25	20.25
LL Tech Fee N	thous											45.0000	0.18	8.10	8.10
Cruiser Seed Trmnt	thous											45.0000	0.20	9.00	9.00
Terraclor 15 G	lb											7.0000	1.32	9.24	9.24
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	May	0.85	0.97			0.03	0.30				2.12
Urea, Solid (46% N)	lb											109.0000	0.17	19.08	19.08
Sprayer(600-825Gal)	90'		0.011	1.00	May	0.36	0.74			0.01	0.16				1.26
Ignite 280 SL	pt											1.4375	4.43	6.38	6.38
Sprayer(600-825Gal)	90'		0.011	1.00	May	0.36	0.74			0.01	0.16				1.26
Ignite 280 SL	pt											1.4375	4.43	6.38	6.38
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	Jun	0.85	0.97			0.03	0.30				2.12
Urea, Solid (46% N)	lb											109.0000	0.17	19.08	19.08
Spray (Direct/Layby)	12R-38	MFWD 170	0.044	1.00	Jun	1.03	1.23	0.29	0.43	0.06	0.57				3.55
Direx 80 DF	lb											0.3300	3.89	1.28	1.28
Ignite 280 SL	pt											1.4375	4.43	6.38	6.38
Valor SX	lb											0.1250	65.50	8.19	8.19
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	5.10	5.10	5.10
Centric 40WG	oz											2.0000	4.60	9.20	9.20
Mepiquat Chloride	oz											4.0000	0.15	0.63	0.63
IrrPipe+lay+pickup	acre			1.00	Jun							1.0000	10.30	10.30	10.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Trimax	oz											1.5000	4.47	6.72	6.72
Insect Scouting	acre			1.00	Jul							1.0000	10.00	10.00	10.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Orthene 90S	lb											0.5000	8.59	4.30	4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Bidrin 8L	oz											8.0000	0.76	6.16	6.16
Mepiquat Chloride	oz											10.0000	0.15	1.56	1.56
Eradication Fee DZ	ac			1.00	Jul							1.0000	14.00	14.00	14.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Orthene 90S	lb											0.5000	8.59	4.30	4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Pyrethroid	ac											1.0000	6.00	6.00	6.00
Mepiquat Chloride	oz											12.0000	0.15	1.88	1.88
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	5.50	5.50	5.50
Bidrin 8L	oz											8.0000	0.76	6.16	6.16
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	5.50	5.50	5.50
Pyrethroid	ac											1.0000	6.00	6.00	6.00
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	5.50	5.50	5.50

Finish 6	pt											0.3331	7.50	2.50	2.50
Dropp SC	oz											0.1600	2.09	0.34	0.34
Cstm Ap Air - 5 gal	appl	1.00	Sep									1.0000	5.50	5.50	5.50
Finish 6	pt											1.3300	7.50	9.98	9.98
Def 6	pt											0.3331	5.32	1.77	1.77
Boll Buggy-1st pick	6R-38(325) MFWD 190	0.172	1.00	Oct	4.39	5.02	1.10	2.84	0.17	1.55					14.90
Cotton Picker-1st-BB	6R-38(330)	0.172			16.35	47.15			0.34	2.89					66.39
Module Builder-1st	6R-38(325) MFWD 190	0.172	1.00	Oct	4.39	5.02	1.45	3.74	0.34	2.89					17.49
Furrow Irr.	each		1.00	Jun						25.32		0.0083			25.32
Application 1	ac-in							7.54		0.07	0.59	3.0000			8.13
Application 2	ac-in							7.54		0.07	0.59	3.0000			8.13
Application 3	ac-in							7.54		0.07	0.59	3.0000			8.13
Application 4	ac-in							7.54		0.07	0.59	3.0000			8.13
					-----			-----			-----			-----	
TOTALS					38.89	73.31	36.36	38.94	1.76	15.04				325.00	527.54
INTEREST ON OPERATING CAPITAL															12.20
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															539.74

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Table 3. Alternative cotton production practices and which cotton budgets contain them.

Production Practice	Cost per acre^a	Budget No.
Bud worm/boll worm control		
Lannate (1 gal./ 4 acres)	\$19.23	None
Larvin (1 gal./ 3.5 acres)	\$22.93	None
Tracer (1 gal./ 64 acres)	\$18.41	None
Tracer (1/2 rate) + Pyretheroid	\$18.19	None
Defoliation for Irrigated Cotton	\$27.79	All budgets except: AG-1027, 1038, and 1048
Defoliation for Dryland Cotton	\$19.55	AG-1027, 1038, and 1048
Cruiser seed treatment	\$9.31	AG-1027, 1028, 1029, 1030, 1032, 1033, 1034, 1035, 1036, 1038, 1039, 1040, 1042, 1043, 1044, 1045, 1047, 1048, 1049, 1050, 1051, 1053, 1054, 1055
Gaucho seed treatment	\$9.31	AG-1031 and 1041
Avicta Complete Pak seed treatment	\$21.60	None
Harvest 4 row harvester, first pick ^b	\$66.96	AG-1027, 1028, 1029, 1030, 1038, 1047, and 1054
4 row harvester, second pick ^b	\$56.73	None
6 row harvester, (38" rows), first pick ^b	\$66.39	All budgets except: AG-1027, 1028, 1029, 1030, 1038, 1047, and 10542
6 row harvester, (38" rows), second pick ^b	\$56.23	None
Irrigation, furrow (3 ac. in)	\$8.35 per app. Plus a fixed cost of \$25.32	AG-1030, 1031, 1033, 1034, 1035, 1036, 1037, 1040, 1041, 1042, 1043, 1044, 1048, 1049, and 1050
Irrigation, center pivot (1 ac. in)	\$5.75 per app. Plus a fixed cost of \$69.24	AG-1028, 1029, 1032, 1039, 1045, 1046, 1051, 1052, 1053, 1054, and 1055
Irrigation, furrow, stationary relift (3 ac. in)	\$4.63 per app. Plus a fixed cost of \$24.79	None
Module Builder	\$26.19	All
Row cultivate plus directed spray	\$6.42 + material	None
Staple herbicide banded application (0.6 oz)	\$14.40	None
Prowl, and Incorporate (1.2 pints)	\$8.55	None
Treflan, Incorporated application (0.75 pints)	\$9.16	None
Treflan and Incorporate (1.5 pints)	\$10.98	None

^a Machinery costs per acre assume that each machine is fully utilized on the farm.

^bThis 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 2007 cotton budgets. For additional information on cotton economics contact Rob Hogan at the Northeast Research and Extension Center 870-526-2199 extension 108.

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**Estimating 2007 Costs of Production, Cotton
 Northeast Boll Weevil Eradication Zone, Furrow, 12 Row,
 Stale Seedbed, BGII/LL, AG-1049-12-06**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HARVEST AIDS					
Aim	oz	5.42	1.0000	5.42	_____
Dropp 50 WP	lb	40.75	0.1000	4.08	_____
Finish 6	pt	7.50	0.3300	2.48	_____
Ethephon	pint	3.69	1.6000	5.91	_____
FERTILIZERS					
0-60-120-10-1	acre	45.56	1.0000	45.56	_____
Urea, Solid (46% N)	lb	0.17	218.0000	38.15	_____
FUNGICIDES					
Terraclor 15 G	lb	1.32	7.0000	9.24	_____
HERBICIDES					
Glyphosate Plus	pt	1.97	1.5000	2.96	_____
Clarity	pt	11.00	0.5000	5.50	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Ignite 280 SL	pt	4.43	4.3125	19.14	_____
Direx 80 DF	lb	3.89	0.3300	1.28	_____
Valor SX	lb	65.50	0.1250	8.19	_____
INSECTICIDES					
Centric 40WG	oz	4.60	2.0000	9.20	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.59	1.0000	8.59	_____
Bidrin 8L	oz	0.76	16.0000	12.31	_____
Pyrethroid	ac	6.00	2.0000	12.00	_____
IRRIGATION SUPPLIES					
IrrPipe+lay+pickup	acre	10.30	1.0000	10.30	_____
CROP SEED					
Cottonseed BGII/LL	thous	0.45	45.0000	20.25	_____
Cruiser Seed Trmnt	thous	0.20	45.0000	9.00	_____
TECHNOLOGY FEE					
BGII/LL Tech N	thous	0.83	45.0000	37.35	_____
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.15	26.0000	4.06	_____
ADJUVANTS					
Surfactant (80-20)	pt	1.25	0.4000	0.50	_____
CUSTOM HIRE					
Cstm Ap Air - 3 gal	appl	5.10	1.0000	5.10	_____
Cstm Ap Air - 5 gal	appl	5.50	9.0000	49.50	_____
Insect Scouting	acre	10.00	1.0000	10.00	_____
OPERATOR LABOR					
Tractors	hour	9.00	0.8185	7.36	_____
Self-Propelled	hour	9.00	0.2104	1.91	_____
IRRIGATION LABOR					
Furrow Irr.	hour	7.80	0.3017	2.36	_____
HAND LABOR					
Implements	hour	7.80	0.2453	1.91	_____
Self-Propelled	hour	7.80	0.1914	1.50	_____
DIESEL FUEL					
Tractors	gal	2.22	8.2349	18.27	_____
Self-Propelled	gal	2.22	3.3198	7.38	_____
Furrow Irr.	gal	2.22	12.0000	26.64	_____
REPAIR & MAINTENANCE					
Implements	acre	6.20	1.0000	6.20	_____
Tractors	acre	3.10	1.0000	3.10	_____
Self-Propelled	acre	10.14	1.0000	10.14	_____
Furrow Irr.	ac-in	0.29	12.0000	3.52	_____
INTEREST ON OP. CAP.	acre	13.22	1.0000	13.22	_____
TOTAL DIRECT EXPENSES				461.56	_____
FIXED EXPENSES					
Implements	acre	13.62	1.0000	13.62	_____
Tractors	acre	23.75	1.0000	23.75	_____
Self-Propelled	acre	49.56	1.0000	49.56	_____
Furrow Irr.	each	3038.56	0.0083	25.32	_____
TOTAL FIXED EXPENSES				112.25	_____
TOTAL SPECIFIED EXPENSES				573.81	_____

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Table 2. Estimated resource use and costs for field operations, per acre AG-1049, NE, Furrow, 12R, Stale, BGII/LL, 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	1.67	1.92	1.29	0.98	0.08	0.74				6.60
TerraTill Bed w/roll	6R-38	MFWD 225	0.107	1.00	Nov	3.19	3.33	0.59	1.33	0.10	0.97				9.41
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	Nov	0.85	0.97			0.03	0.30				2.12
0-60-120-10-1	acre											1.0000	45.56	45.56	45.56
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	1.00	Nov	1.47	1.53	0.29	0.96	0.04	0.44				4.69
Sprayer(600-825Gal)	90'		0.011	1.00	Feb	0.36	0.74			0.01	0.16				1.26
Glyphosate Plus	pt											1.5000	1.97	2.96	2.96
Clarity	pt											0.5000	11.00	5.50	5.50
Sprayer(600-825Gal)	90'		0.011	0.25	Apr	0.09	0.19			0.00	0.04				0.32
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Apr	1.17	1.22	0.16	0.86	0.03	0.35				3.76
Plant & Pre Folding	12R-40	MFWD 225	0.050	1.00	May	1.51	1.57	1.03	2.48	0.10	0.86				7.45
Cottonseed BGII/LL	thous											45.0000	0.45	20.25	20.25
BGII/LL Tech N	thous											45.0000	0.83	37.35	37.35
Cruiser Seed Trmnt	thous											45.0000	0.20	9.00	9.00
Terraclor 15 G	lb											7.0000	1.32	9.24	9.24
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	May	0.85	0.97			0.03	0.30				2.12
Urea, Solid (46% N)	lb											109.0000	0.17	19.08	19.08
Sprayer(600-825Gal)	90'		0.011	1.00	May	0.36	0.74			0.01	0.16				1.26
Ignite 280 SL	pt											1.4375	4.43	6.38	6.38
Sprayer(600-825Gal)	90'		0.011	1.00	May	0.36	0.74			0.01	0.16				1.26
Ignite 280 SL	pt											1.4375	4.43	6.38	6.38
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	Jun	0.85	0.97			0.03	0.30				2.12
Urea, Solid (46% N)	lb											109.0000	0.17	19.08	19.08
Spray (Direct/Layby)	12R-38	MFWD 170	0.044	1.00	Jun	1.03	1.23	0.29	0.43	0.06	0.57				3.55
Direx 80 DF	lb											0.3300	3.89	1.28	1.28
Ignite 280 SL	pt											1.4375	4.43	6.38	6.38
Valor SX	lb											0.1250	65.50	8.19	8.19
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	5.10	5.10	5.10
Centric 40WG	oz											2.0000	4.60	9.20	9.20
Mepiquat Chloride	oz											4.0000	0.15	0.63	0.63
IrrPipe+lay+pickup	acre			1.00	Jun							1.0000	10.30	10.30	10.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Trimax	oz											1.5000	4.47	6.72	6.72
Insect Scouting	acre			1.00	Jul							1.0000	10.00	10.00	10.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Orthene 90S	lb											0.5000	8.59	4.30	4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Bidrin 8L	oz											8.0000	0.76	6.16	6.16
Mepiquat Chloride	oz											10.0000	0.15	1.56	1.56
Eradication Fee DZ	ac			1.00	Jul							1.0000	14.00	14.00	14.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Orthene 90S	lb											0.5000	8.59	4.30	4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Pyrethroid	ac											1.0000	6.00	6.00	6.00
Mepiquat Chloride	oz											12.0000	0.15	1.88	1.88
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	5.50	5.50	5.50
Bidrin 8L	oz											8.0000	0.76	6.16	6.16
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	5.50	5.50	5.50
Pyrethroid	ac											1.0000	6.00	6.00	6.00
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	5.50	5.50	5.50

Aim	oz											0.3300	5.42	1.79	1.79
Dropp 50 WP	lb											0.1000	40.75	4.08	4.08
Finish 6	pt											0.3300	7.50	2.48	2.48
Surfactant (80-20)	pt											0.2000	1.25	0.25	0.25
Cstm Ap Air - 5 gal	appl		1.00	Sep								1.0000	5.50	5.50	5.50
Aim	oz											0.6700	5.42	3.63	3.63
Ethephon	pint											1.6000	3.69	5.91	5.91
Surfactant (80-20)	pt											0.2000	1.25	0.25	0.25
Boll Buggy-1st pick	6R-38(325)	MFWD 190	0.172	1.00	Oct	4.39	5.02	1.10	2.84	0.17	1.55				14.90
Cotton Picker-1st-BB	6R-38(330)		0.172			16.35	47.15			0.34	2.89				66.39
Module Builder-1st	6R-38(325)	MFWD 190	0.172	1.00	Oct	4.39	5.02	1.45	3.74	0.34	2.89				17.49
Furrow Irr.	each			1.00	Jun				25.32			0.0083			25.32
Application 1	ac-in							7.54		0.07	0.59	3.0000			8.13
Application 2	ac-in							7.54		0.07	0.59	3.0000			8.13
Application 3	ac-in							7.54		0.07	0.59	3.0000			8.13
Application 4	ac-in							7.54		0.07	0.59	3.0000			8.13
TOTALS						38.89	73.31	36.36	38.94	1.76	15.04			358.05	560.59
INTEREST ON OPERATING CAPITAL															13.22
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															573.81

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Table 3. Alternative cotton production practices and which cotton budgets contain them.

Production Practice	Cost per acre^a	Budget No.
Bud worm/boll worm control		
Lannate (1 gal./ 4 acres)	\$19.23	None
Larvin (1 gal./ 3.5 acres)	\$22.93	None
Tracer (1 gal./ 64 acres)	\$18.41	None
Tracer (1/2 rate) + Pyretheroid	\$18.19	None
Defoliation for Irrigated Cotton	\$27.79	All budgets except: AG-1027, 1038, and 1048
Defoliation for Dryland Cotton	\$19.55	AG-1027, 1038, and 1048
Cruiser seed treatment	\$9.31	AG-1027, 1028, 1029, 1030, 1032, 1033, 1034, 1035, 1036, 1038, 1039, 1040, 1042, 1043, 1044, 1045, 1047, 1048, 1049, 1050, 1051, 1053, 1054, 1055
Gaucho seed treatment	\$9.31	AG-1031 and 1041
Avicta Complete Pak seed treatment	\$21.60	None
Harvest 4 row harvester, first pick ^b	\$66.96	AG-1027, 1028, 1029, 1030, 1038, 1047, and 1054
4 row harvester, second pick ^b	\$56.73	None
6 row harvester, (38" rows), first pick ^b	\$66.39	All budgets except: AG-1027, 1028, 1029, 1030, 1038, 1047, and 10542
6 row harvester, (38" rows), second pick ^b	\$56.23	None
Irrigation, furrow (3 ac. in)	\$8.35 per app. Plus a fixed cost of \$25.32	AG-1030, 1031, 1033, 1034, 1035, 1036, 1037, 1040, 1041, 1042, 1043, 1044, 1048, 1049, and 1050
Irrigation, center pivot (1 ac. in)	\$5.75 per app. Plus a fixed cost of \$69.24	AG-1028, 1029, 1032, 1039, 1045, 1046, 1051, 1052, 1053, 1054, and 1055
Irrigation, furrow, stationary relift (3 ac. in)	\$4.63 per app. Plus a fixed cost of \$24.79	None
Module Builder	\$26.19	All
Row cultivate plus directed spray	\$6.42 + material	None
Staple herbicide banded application (0.6 oz)	\$14.40	None
Prowl, and Incorporate (1.2 pints)	\$8.55	None
Treflan, Incorporated application (0.75 pints)	\$9.16	None
Treflan and Incorporate (1.5 pints)	\$10.98	None

^a Machinery costs per acre assume that each machine is fully utilized on the farm.

^bThis 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 2007 cotton budgets. For additional information on cotton economics contact Rob Hogan at the Northeast Research and Extension Center 870-526-2199 extension 108.

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**Estimating 2007 Costs of Production, Cotton
 Northeast Boll Weevil Eradication Zone, Furrow, 12 Row,
 Stale Seedbed, WS/RRF, AG-1050-12-06**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HARVEST AIDS					
Aim	oz	5.42	1.0000	5.42	_____
Dropp 50 WP	lb	40.75	0.1000	4.08	_____
Finish 6	pt	7.50	0.3300	2.48	_____
Ethephon	pint	3.69	1.6000	5.91	_____
FERTILIZERS					
0-60-120-10-1	acre	45.56	1.0000	45.56	_____
Urea, Solid (46% N)	lb	0.17	218.0000	38.15	_____
FUNGICIDES					
Terraclor 15 G	lb	1.32	7.0000	9.24	_____
HERBICIDES					
Glyphosate Plus	pt	1.97	6.1000	12.02	_____
Clarity	pt	11.00	0.5000	5.50	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Dual Magnum	pt	12.66	1.0000	12.66	_____
Caparol 4L	pt	3.71	0.7500	2.78	_____
Valor SX	lb	65.50	0.0562	3.68	_____
INSECTICIDES					
Centric 40WG	oz	4.60	2.0000	9.20	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.59	1.0000	8.59	_____
Bidrin 8L	oz	0.76	16.0000	12.31	_____
Pyrethroid	ac	6.00	2.0000	12.00	_____
IRRIGATION SUPPLIES					
IrrPipe+lay+pickup	acre	10.30	1.0000	10.30	_____
CROP SEED					
Cottonseed WS/RRFlex	thous	0.55	45.0000	24.75	_____
Cruiser Seed Trmnt	thous	0.20	45.0000	9.00	_____
TECHNOLOGY FEE					
WS/RRF Tech N	thous	1.14	45.0000	51.30	_____
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.15	26.0000	4.06	_____
ADJUVANTS					
Surfactant (80-20)	pt	1.25	0.4000	0.50	_____
CUSTOM HIRE					
Cstm Ap Air - 3 gal	appl	5.10	1.0000	5.10	_____
Cstm Ap Air - 5 gal	appl	5.50	9.0000	49.50	_____
Insect Scouting	acre	10.00	1.0000	10.00	_____
OPERATOR LABOR					
Tractors	hour	9.00	0.8439	7.59	_____
Self-Propelled	hour	9.00	0.2104	1.91	_____
IRRIGATION LABOR					
Furrow Irr.	hour	7.80	0.3017	2.36	_____
HAND LABOR					
Implements	hour	7.80	0.2580	2.01	_____
Self-Propelled	hour	7.80	0.1914	1.50	_____
DIESEL FUEL					
Tractors	gal	2.22	8.4570	18.76	_____
Self-Propelled	gal	2.22	3.3198	7.38	_____
Furrow Irr.	gal	2.22	12.0000	26.64	_____
REPAIR & MAINTENANCE					
Implements	acre	6.33	1.0000	6.33	_____
Tractors	acre	3.19	1.0000	3.19	_____
Self-Propelled	acre	10.14	1.0000	10.14	_____
Furrow Irr.	ac-in	0.29	12.0000	3.52	_____
INTEREST ON OP. CAP.	acre	13.89	1.0000	13.89	_____
TOTAL DIRECT EXPENSES				481.30	_____
FIXED EXPENSES					
Implements	acre	13.82	1.0000	13.82	_____
Tractors	acre	24.45	1.0000	24.45	_____
Self-Propelled	acre	49.56	1.0000	49.56	_____
Furrow Irr.	each	3038.56	0.0083	25.32	_____
TOTAL FIXED EXPENSES				113.15	_____
TOTAL SPECIFIED EXPENSES				594.45	_____

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Table 2. Estimated resource use and costs for field operations, per acre AG-1050, NE, Furrow, 12R, Stale, WS/RRF, 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	1.67	1.92	1.29	0.98	0.08	0.74				6.60
TerraTill Bed w/roll	6R-38	MFWD 225	0.107	1.00	Nov	3.19	3.33	0.59	1.33	0.10	0.97				9.41
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	Nov	0.85	0.97			0.03	0.30				2.12
0-60-120-10-1	acre											1.0000	45.56	45.56	45.56
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	1.00	Nov	1.47	1.53	0.29	0.96	0.04	0.44				4.69
Sprayer(600-825Gal)	90'		0.011	1.00	Feb	0.36	0.74			0.01	0.16				1.26
Glyphosate Plus	pt											1.5000	1.97	2.96	2.96
Clarity	pt											0.5000	11.00	5.50	5.50
Sprayer(600-825Gal)	90'		0.011	0.25	Apr	0.09	0.19			0.00	0.04				0.32
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Apr	1.17	1.22	0.16	0.86	0.03	0.35				3.76
Plant & Pre Folding	12R-40	MFWD 225	0.050	1.00	May	1.51	1.57	1.03	2.48	0.10	0.86				7.45
Cottonseed WS/RRFlex	thous											45.0000	0.55	24.75	24.75
WS/RRF Tech N	thous											45.0000	1.14	51.30	51.30
Cruiser Seed Trmnt	thous											45.0000	0.20	9.00	9.00
Terraclor 15 G	lb											7.0000	1.32	9.24	9.24
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	May	0.85	0.97			0.03	0.30				2.12
Urea, Solid (46% N)	lb											109.0000	0.17	19.08	19.08
Sprayer(600-825Gal)	90'		0.011	1.00	May	0.36	0.74			0.01	0.16				1.26
Glyphosate Plus	pt											1.5000	1.97	2.96	2.96
Sprayer(600-825Gal)	90'		0.011	1.00	May	0.36	0.74			0.01	0.16				1.26
Glyphosate Plus	pt											1.5000	1.97	2.96	2.96
Dual Magnum	pt											1.0000	12.66	12.66	12.66
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	Jun	0.85	0.97			0.03	0.30				2.12
Urea, Solid (46% N)	lb											109.0000	0.17	19.08	19.08
Spray (Direct/Hood)	12R-38	MFWD 170	0.044	1.00	Jun	1.03	1.23	0.35	0.53	0.06	0.57				3.71
Caparol 4L	pt											0.7500	3.71	2.78	2.78
Glyphosate Plus	pt											1.0000	1.97	1.97	1.97
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	5.10	5.10	5.10
Centric 40WG	oz											2.0000	4.60	9.20	9.20
Mepiquat Chloride	oz											4.0000	0.15	0.63	0.63
Spray (Band)	40' Fold	MFWD 170	0.042	0.60	Jun	0.58	0.70	0.07	0.10	0.03	0.33				1.78
Valor SX	lb											0.0562	65.50	3.68	3.68
Glyphosate Plus	pt											0.6000	1.97	1.18	1.18
IrrPipe+lay+pickup	acre			1.00	Jun							1.0000	10.30	10.30	10.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Trimax	oz											1.5000	4.47	6.72	6.72
Insect Scouting	acre			1.00	Jul							1.0000	10.00	10.00	10.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Orthene 90S	lb											0.5000	8.59	4.30	4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Bidrin 8L	oz											8.0000	0.76	6.16	6.16
Mepiquat Chloride	oz											10.0000	0.15	1.56	1.56
Eradication Fee DZ	ac			1.00	Jul							1.0000	14.00	14.00	14.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Orthene 90S	lb											0.5000	8.59	4.30	4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Pyrethroid	ac											1.0000	6.00	6.00	6.00
Mepiquat Chloride	oz											12.0000	0.15	1.88	1.88
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	5.50	5.50	5.50
Bidrin 8L	oz											8.0000	0.76	6.16	6.16

Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	5.50	5.50	5.50	
Pyrethroid	ac											1.0000	6.00	6.00	6.00	
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	5.50	5.50	5.50	
Aim	oz											0.3300	5.42	1.79	1.79	
Dropp 50 WP	lb											0.1000	40.75	4.08	4.08	
Finish 6	pt											0.3300	7.50	2.48	2.48	
Surfactant (80-20)	pt											0.2000	1.25	0.25	0.25	
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	5.50	5.50	5.50	
Aim	oz											0.6700	5.42	3.63	3.63	
Ethephon	pint											1.6000	3.69	5.91	5.91	
Surfactant (80-20)	pt											0.2000	1.25	0.25	0.25	
Boll Buggy-1st pick	6R-38(325)	MFWD	190	0.172	1.00	Oct	4.39	5.02	1.10	2.84	0.17	1.55			14.90	
Cotton Picker-1st-BB	6R-38(330)			0.172			16.35	47.15			0.34	2.89			66.39	
Module Builder-1st	6R-38(325)	MFWD	190	0.172	1.00	Oct	4.39	5.02	1.45	3.74	0.34	2.89			17.49	
Furrow Irr.	each			1.00	Jun					25.32			0.0083		25.32	
Application 1	ac-in									7.54	0.07	0.59	3.0000		8.13	
Application 2	ac-in									7.54	0.07	0.59	3.0000		8.13	
Application 3	ac-in									7.54	0.07	0.59	3.0000		8.13	
Application 4	ac-in									7.54	0.07	0.59	3.0000		8.13	
TOTALS							39.47	74.01	36.49	39.14	1.80	15.37			376.08	580.56
INTEREST ON OPERATING CAPITAL																13.89
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																594.45

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Table 3. Alternative cotton production practices and which cotton budgets contain them.

Production Practice	Cost per acre^a	Budget No.
Bud worm/boll worm control		
Lannate (1 gal./ 4 acres)	\$19.23	None
Larvin (1 gal./ 3.5 acres)	\$22.93	None
Tracer (1 gal./ 64 acres)	\$18.41	None
Tracer (1/2 rate) + Pyretheroid	\$18.19	None
Defoliation for Irrigated Cotton	\$27.79	All budgets except: AG-1027, 1038, and 1048
Defoliation for Dryland Cotton	\$19.55	AG-1027, 1038, and 1048
Cruiser seed treatment	\$9.31	AG-1027, 1028, 1029, 1030, 1032, 1033, 1034, 1035, 1036, 1038, 1039, 1040, 1042, 1043, 1044, 1045, 1047, 1048, 1049, 1050, 1051, 1053, 1054, 1055
Gaucho seed treatment	\$9.31	AG-1031 and 1041
Avicta Complete Pak seed treatment	\$21.60	None
Harvest 4 row harvester, first pick ^b	\$66.96	AG-1027, 1028, 1029, 1030, 1038, 1047, and 1054
4 row harvester, second pick ^b	\$56.73	None
6 row harvester, (38" rows), first pick ^b	\$66.39	All budgets except: AG-1027, 1028, 1029, 1030, 1038, 1047, and 10542
6 row harvester, (38" rows), second pick ^b	\$56.23	None
Irrigation, furrow (3 ac. in)	\$8.35 per app. Plus a fixed cost of \$25.32	AG-1030, 1031, 1033, 1034, 1035, 1036, 1037, 1040, 1041, 1042, 1043, 1044, 1048, 1049, and 1050
Irrigation, center pivot (1 ac. in)	\$5.75 per app. Plus a fixed cost of \$69.24	AG-1028, 1029, 1032, 1039, 1045, 1046, 1051, 1052, 1053, 1054, and 1055
Irrigation, furrow, stationary relift (3 ac. in)	\$4.63 per app. Plus a fixed cost of \$24.79	None
Module Builder	\$26.19	All
Row cultivate plus directed spray	\$6.42 + material	None
Staple herbicide banded application (0.6 oz)	\$14.40	None
Prowl, and Incorporate (1.2 pints)	\$8.55	None
Treflan, Incorporated application (0.75 pints)	\$9.16	None
Treflan and Incorporate (1.5 pints)	\$10.98	None

^a Machinery costs per acre assume that each machine is fully utilized on the farm.

^bThis 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 2007 cotton budgets. For additional information on cotton economics contact Rob Hogan at the Northeast Research and Extension Center 870-526-2199 extension 108.

View and print all of the Arkansas crop budgets at http://www.uaex.edu/depts/ag_economics/crop_budgets.htm

**Estimating 2007 Costs of Production, Cotton
 Northeast Boll Weevil Eradication Zone, Center Pivot, 12 Row,
 Stale Seedbed, Bt/RR, AG-1051-12-06**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HARVEST AIDS					
Aim	oz	5.42	1.0000	5.42	_____
Dropp 50 WP	lb	40.75	0.1000	4.08	_____
Finish 6	pt	7.50	0.3300	2.48	_____
Ethephon	pint	3.69	1.6000	5.91	_____
FERTILIZERS					
0-60-120-10-1	acre	45.56	1.0000	45.56	_____
Urea, Solid (46% N)	lb	0.17	218.0000	38.15	_____
FUNGICIDES					
Terraclor 15 G	lb	1.32	7.0000	9.24	_____
HERBICIDES					
Glyphosate Plus	pt	1.97	6.1000	12.02	_____
Clarity	pt	11.00	0.5000	5.50	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Dual Magnum	pt	12.66	1.0000	12.66	_____
Caparol 4L	pt	3.71	0.7500	2.78	_____
Valor SX	lb	65.50	0.0562	3.68	_____
INSECTICIDES					
Centric 40WG	oz	4.60	2.0000	9.20	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.59	1.0000	8.59	_____
Bidrin 8L	oz	0.76	16.0000	12.31	_____
Pyrethroid	ac	6.00	2.0000	12.00	_____
CROP SEED					
Cottonseed Bt/RR	thous	0.45	45.0000	20.25	_____
Cruiser Seed Trmnt	thous	0.20	45.0000	9.00	_____
TECHNOLOGY FEE					
BtRR Cott Tech Fee N	thous	1.07	45.0000	48.15	_____
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.15	26.0000	4.06	_____
ADJUVANTS					
Surfactant (80-20)	pt	1.25	0.4000	0.50	_____
CUSTOM HIRE					
Cstm Ap Air - 3 gal	appl	5.10	1.0000	5.10	_____
Cstm Ap Air - 5 gal	appl	5.50	9.0000	49.50	_____
Insect Scouting	acre	10.00	1.0000	10.00	_____
OPERATOR LABOR					
Tractors	hour	9.00	0.8439	7.59	_____
Self-Propelled	hour	9.00	0.2104	1.91	_____
IRRIGATION LABOR					
Center pivot Irr.	hour	7.80	0.0568	0.42	_____
HAND LABOR					
Implements	hour	7.80	0.2580	2.01	_____
Self-Propelled	hour	7.80	0.1914	1.50	_____
DIESEL FUEL					
Tractors	gal	2.22	8.4570	18.76	_____
Self-Propelled	gal	2.22	3.3198	7.38	_____
Center pivot Irr.	gal	2.22	14.0000	31.08	_____
REPAIR & MAINTENANCE					
Implements	acre	6.33	1.0000	6.33	_____
Tractors	acre	3.19	1.0000	3.19	_____
Self-Propelled	acre	10.14	1.0000	10.14	_____
Center pivot Irr.	ac-in	1.09	7.0000	7.70	_____
INTEREST ON OP. CAP.	acre	13.48	1.0000	13.48	_____
TOTAL DIRECT EXPENSES				469.62	_____
FIXED EXPENSES					
Implements	acre	13.82	1.0000	13.82	_____
Tractors	acre	24.45	1.0000	24.45	_____
Self-Propelled	acre	49.56	1.0000	49.56	_____
Center pivot Irr.	each	9000.94	0.0076	69.24	_____
TOTAL FIXED EXPENSES				157.07	_____
TOTAL SPECIFIED EXPENSES				626.69	_____

Robert Hogan, Jr.
 Extension
 Economist
 – Farm
 Management

H. Scott Stiles
 Extension
 Economist – Risk
 Management

Frank Groves
 Research
 Verification
 Coordinator

Table 2. Estimated resource use and costs for field operations, per acre AG-1051, NE, CP, 12R, Stale, Bt/RR, 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	1.67	1.92	1.29	0.98	0.08	0.74				6.60
TerraTill Bed w/roll	6R-38	MFWD 225	0.107	1.00	Nov	3.19	3.33	0.59	1.33	0.10	0.97				9.41
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	Nov	0.85	0.97			0.03	0.30				2.12
0-60-120-10-1	acre											1.0000	45.56	45.56	45.56
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	1.00	Nov	1.47	1.53	0.29	0.96	0.04	0.44				4.69
Sprayer(600-825Gal)	90'		0.011	1.00	Feb	0.36	0.74			0.01	0.16				1.26
Glyphosate Plus	pt											1.5000	1.97	2.96	2.96
Clarity	pt											0.5000	11.00	5.50	5.50
Sprayer(600-825Gal)	90'		0.011	0.25	Apr	0.09	0.19			0.00	0.04				0.32
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Apr	1.17	1.22	0.16	0.86	0.03	0.35				3.76
Plant & Pre Folding	12R-40	MFWD 225	0.050	1.00	May	1.51	1.57	1.03	2.48	0.10	0.86				7.45
Cottonseed Bt/RR	thous											45.0000	0.45	20.25	20.25
BtRR Cott Tech Fee	N thous											45.0000	1.07	48.15	48.15
Cruiser Seed Trmnt	thous											45.0000	0.20	9.00	9.00
Terraclor 15 G	lb											7.0000	1.32	9.24	9.24
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	May	0.85	0.97			0.03	0.30				2.12
Urea, Solid (46% N)	lb											109.0000	0.17	19.08	19.08
Sprayer(600-825Gal)	90'		0.011	1.00	May	0.36	0.74			0.01	0.16				1.26
Glyphosate Plus	pt											1.5000	1.97	2.96	2.96
Sprayer(600-825Gal)	90'		0.011	1.00	May	0.36	0.74			0.01	0.16				1.26
Glyphosate Plus	pt											1.5000	1.97	2.96	2.96
Dual Magnum	pt											1.0000	12.66	12.66	12.66
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	Jun	0.85	0.97			0.03	0.30				2.12
Urea, Solid (46% N)	lb											109.0000	0.17	19.08	19.08
Spray (Direct/Hood)	12R-38	MFWD 170	0.044	1.00	Jun	1.03	1.23	0.35	0.53	0.06	0.57				3.71
Caparol 4L	pt											0.7500	3.71	2.78	2.78
Glyphosate Plus	pt											1.0000	1.97	1.97	1.97
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	5.10	5.10	5.10
Centric 40WG	oz											2.0000	4.60	9.20	9.20
Mepiquat Chloride	oz											4.0000	0.15	0.63	0.63
Spray (Band)	40' Fold	MFWD 170	0.042	0.60	Jun	0.58	0.70	0.07	0.10	0.03	0.33				1.78
Valor SX	lb											0.0562	65.50	3.68	3.68
Glyphosate Plus	pt											0.6000	1.97	1.18	1.18
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Trimax	oz											1.5000	4.47	6.72	6.72
Insect Scouting	acre			1.00	Jul							1.0000	10.00	10.00	10.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Orthene 90S	lb											0.5000	8.59	4.30	4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Bidrin 8L	oz											8.0000	0.76	6.16	6.16
Mepiquat Chloride	oz											10.0000	0.15	1.56	1.56
Eradication Fee DZ	ac			1.00	Jul							1.0000	14.00	14.00	14.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Orthene 90S	lb											0.5000	8.59	4.30	4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Pyrethroid	ac											1.0000	6.00	6.00	6.00
Mepiquat Chloride	oz											12.0000	0.15	1.88	1.88
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	5.50	5.50	5.50
Bidrin 8L	oz											8.0000	0.76	6.16	6.16
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	5.50	5.50	5.50

Pyrethroid	ac											1.0000	6.00	6.00	6.00
Cstm Ap Air - 5 gal	appl	1.00	Sep									1.0000	5.50	5.50	5.50
Aim	oz											0.3300	5.42	1.79	1.79
Dropp 50 WP	lb											0.1000	40.75	4.08	4.08
Finish 6	pt											0.3300	7.50	2.48	2.48
Surfactant (80-20)	pt											0.2000	1.25	0.25	0.25
Cstm Ap Air - 5 gal	appl	1.00	Sep									1.0000	5.50	5.50	5.50
Aim	oz											0.6700	5.42	3.63	3.63
Ethephon	pint											1.6000	3.69	5.91	5.91
Surfactant (80-20)	pt											0.2000	1.25	0.25	0.25
Boll Buggy-1st pick	6R-38(325) MFWD 190	0.172	1.00	Oct	4.39	5.02	1.10	2.84	0.17	1.55					14.90
Cotton Picker-1st-BB	6R-38(330)	0.172			16.35	47.15			0.34	2.89					66.39
Module Builder-1st	6R-38(325) MFWD 190	0.172	1.00	Oct	4.39	5.02	1.45	3.74	0.34	2.89					17.49
Center pivot Irr.	each	1.00	Jun					69.24				0.0076			69.24
Application 1	ac-in							5.54	0.00	0.06		1.0000			5.60
Application 2	ac-in							5.54	0.00	0.06		1.0000			5.60
Application 3	ac-in							5.54	0.00	0.06		1.0000			5.60
Application 4	ac-in							5.54	0.00	0.06		1.0000			5.60
Application 5	ac-in							5.54	0.00	0.06		1.0000			5.60
Application 6	ac-in							5.54	0.00	0.06		1.0000			5.60
Application 7	ac-in							5.54	0.00	0.06		1.0000			5.60
TOTALS					39.47	74.01	45.11	83.06	1.56	13.43				358.13	613.21
INTEREST ON OPERATING CAPITAL															13.48
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															626.69

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Table 3. Alternative cotton production practices and which cotton budgets contain them.

Production Practice	Cost per acre^a	Budget No.
Bud worm/boll worm control		
Lannate (1 gal./ 4 acres)	\$19.23	None
Larvin (1 gal./ 3.5 acres)	\$22.93	None
Tracer (1 gal./ 64 acres)	\$18.41	None
Tracer (1/2 rate) + Pyretheroid	\$18.19	None
Defoliation for Irrigated Cotton	\$27.79	All budgets except: AG-1027, 1038, and 1048
Defoliation for Dryland Cotton	\$19.55	AG-1027, 1038, and 1048
Cruiser seed treatment	\$9.31	AG-1027, 1028, 1029, 1030, 1032, 1033, 1034, 1035, 1036, 1038, 1039, 1040, 1042, 1043, 1044, 1045, 1047, 1048, 1049, 1050, 1051, 1053, 1054, 1055
Gaucho seed treatment	\$9.31	AG-1031 and 1041
Avicta Complete Pak seed treatment	\$21.60	None
Harvest 4 row harvester, first pick ^b	\$66.96	AG-1027, 1028, 1029, 1030, 1038, 1047, and 1054
4 row harvester, second pick ^b	\$56.73	None
6 row harvester, (38" rows), first pick ^b	\$66.39	All budgets except: AG-1027, 1028, 1029, 1030, 1038, 1047, and 10542
6 row harvester, (38" rows), second pick ^b	\$56.23	None
Irrigation, furrow (3 ac. in)	\$8.35 per app. Plus a fixed cost of \$25.32	AG-1030, 1031, 1033, 1034, 1035, 1036, 1037, 1040, 1041, 1042, 1043, 1044, 1048, 1049, and 1050
Irrigation, center pivot (1 ac. in)	\$5.75 per app. Plus a fixed cost of \$69.24	AG-1028, 1029, 1032, 1039, 1045, 1046, 1051, 1052, 1053, 1054, and 1055
Irrigation, furrow, stationary relift (3 ac. in)	\$4.63 per app. Plus a fixed cost of \$24.79	None
Module Builder	\$26.19	All
Row cultivate plus directed spray	\$6.42 + material	None
Staple herbicide banded application (0.6 oz)	\$14.40	None
Prowl, and Incorporate (1.2 pints)	\$8.55	None
Treflan, Incorporated application (0.75 pints)	\$9.16	None
Treflan and Incorporate (1.5 pints)	\$10.98	None

^a Machinery costs per acre assume that each machine is fully utilized on the farm.

^bThis 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 2007 cotton budgets. For additional information on cotton economics contact Rob Hogan at the Northeast Research and Extension Center 870-526-2199 extension 108.

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Estimating 2007 Costs of Production, Cotton
Northeast Boll Weevil Eradication Zone, Center Pivot, 12 Row,
No-Till, Bt/RR, AG-1052-12-06

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HARVEST AIDS					
Def 6	pt	5.32	1.1600	6.17	_____
Finish 6	pt	7.50	0.3300	2.48	_____
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	45.56	1.0000	45.56	_____
Urea, Solid (46% N)	lb	0.17	218.0000	38.15	_____
FUNGICIDES					
Ridomil Gold PC	lb	1.93	7.0000	13.51	_____
HERBICIDES					
Glyphosate Plus	pt	1.97	4.6000	9.06	_____
Clarity	pt	11.00	0.5000	5.50	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Cotoran 4L	pt	4.79	1.6000	7.66	_____
Caparol 4L	pt	3.71	0.7500	2.78	_____
Dual Magnum	pt	12.66	1.0000	12.66	_____
Valor SX	lb	65.50	0.0562	3.68	_____
INSECTICIDES					
Temik 15G Grit	lb	3.20	3.5000	11.20	_____
Baythroid 2	oz	2.61	0.2000	0.52	_____
Centric 40WG	oz	4.60	2.0000	9.20	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.59	1.0000	8.59	_____
Bidrin 8L	oz	0.76	16.0000	12.31	_____
Pyrethroid	ac	6.00	2.0000	12.00	_____
CROP SEED					
Cottonseed Bt/RR	thous	0.45	45.0000	20.25	_____
TECHNOLOGY FEE					
BtRR Cott Tech Fee N	thous	1.07	45.0000	48.15	_____
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.15	1.6250	0.25	_____
CUSTOM HIRE					
Cstm Ap Air - 3 gal	appl	5.10	1.0000	5.10	_____
Insect Scouting	acre	10.00	1.0000	10.00	_____
Cstm Ap Air - 5 gal	appl	5.50	9.0000	49.50	_____
OPERATOR LABOR					
Tractors	hour	9.00	0.6474	5.82	_____
Self-Propelled	hour	9.00	0.2104	1.91	_____
IRRIGATION LABOR					
Center pivot Irr.	hour	7.80	0.0568	0.42	_____
HAND LABOR					
Implements	hour	7.80	0.2406	1.87	_____
Self-Propelled	hour	7.80	0.1914	1.50	_____
DIESEL FUEL					
Tractors	gal	2.22	6.2069	13.76	_____
Self-Propelled	gal	2.22	3.3198	7.38	_____
Center pivot Irr.	gal	2.22	14.0000	31.08	_____
REPAIR & MAINTENANCE					
Implements	acre	5.22	1.0000	5.22	_____
Tractors	acre	2.41	1.0000	2.41	_____
Self-Propelled	acre	10.14	1.0000	10.14	_____
Center pivot Irr.	ac-in	1.09	7.0000	7.70	_____
INTEREST ON OP. CAP.	acre	17.55	1.0000	17.55	_____
TOTAL DIRECT EXPENSES				473.02	_____
FIXED EXPENSES					
Implements	acre	11.30	1.0000	11.30	_____
Tractors	acre	18.41	1.0000	18.41	_____
Self-Propelled	acre	49.56	1.0000	49.56	_____
Center pivot Irr.	each	9000.94	0.0076	69.24	_____
TOTAL FIXED EXPENSES				148.51	_____
TOTAL SPECIFIED EXPENSES				621.53	_____

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Table 2. Estimated resource use and costs for field operations, per acre, AG-1052, NE, Center Pivot,12R, Notill, Bt/RR, 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	1.67	1.92	1.29	0.98	0.08	0.74					6.60
Sprayer(600-825Gal)	90'		0.011	1.00	Feb	0.36	0.74			0.01	0.16					1.26
Glyphosate Plus	pt											1.5000	1.97	2.96		2.96
Clarity	pt											0.5000	11.00	5.50		5.50
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	Mar	0.85	0.97			0.03	0.30					2.12
0-60-120-10-1	acre											1.0000	45.56	45.56		45.56
Sprayer(600-825Gal)	90'		0.011	0.25	Apr	0.09	0.19			0.00	0.04					0.32
Gramoxone Extra	pt											0.2500	4.86	1.22		1.22
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Apr	1.17	1.22	0.16	0.86	0.03	0.35					3.76
NT Plant&Pre-Folding	12R-38	MFWD 190	0.055	1.00	May	1.42	1.62	1.15	2.78	0.11	0.93					7.90
Cottonseed Bt/RR	thous											45.0000	0.45	20.25		20.25
BtRR Cott Tech Fee	N thous											45.0000	1.07	48.15		48.15
Temik 15G Grit	lb											3.5000	3.20	11.20		11.20
Cotoran 4L	pt											1.6000	4.79	7.66		7.66
Baythroid 2	oz											0.2000	2.61	0.52		0.52
Ridomil Gold PC	lb											7.0000	1.93	13.51		13.51
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	May	0.85	0.97			0.03	0.30					2.12
Urea, Solid (46% N)	lb											109.0000	0.17	19.08		19.08
Sprayer(600-825Gal)	90'		0.011	1.00	May	0.36	0.74			0.01	0.16					1.26
Glyphosate Plus	pt											1.5000	1.97	2.96		2.96
Sprayer(600-825Gal)	90'		0.011	1.00	May	0.36	0.74			0.01	0.16					1.26
Glyphosate Plus	pt											1.0000	1.97	1.97		1.97
Caparol 4L	pt											0.7500	3.71	2.78		2.78
Dual Magnum	pt											1.0000	12.66	12.66		12.66
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	Jun	0.85	0.97			0.03	0.30					2.12
Urea, Solid (46% N)	lb											109.0000	0.17	19.08		19.08
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	5.10	5.10		5.10
Centric 40WG	oz											2.0000	4.60	9.20		9.20
Mepiquat Chloride	oz											0.2500	0.15	0.04		0.04
Spray (Band)	40' Fold	MFWD 170	0.042	0.60	Jun	0.58	0.70	0.07	0.10	0.03	0.33					1.78
Valor SX	lb											0.0562	65.50	3.68		3.68
Glyphosate Plus	pt											0.6000	1.97	1.18		1.18
Insect Scouting	acre			1.00	Jul							1.0000	10.00	10.00		10.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50		5.50
Trimax	oz											1.5000	4.47	6.72		6.72
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50		5.50
Orthene 90S	lb											0.5000	8.59	4.30		4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50		5.50
Bidrin 8L	oz											8.0000	0.76	6.16		6.16
Mepiquat Chloride	oz											0.6250	0.15	0.10		0.10
Eradication Fee DZ	ac			1.00	Jul							1.0000	14.00	14.00		14.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50		5.50
Orthene 90S	lb											0.5000	8.59	4.30		4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50		5.50
Pyrethroid	ac											1.0000	6.00	6.00		6.00
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	5.50	5.50		5.50
Bidrin 8L	oz											8.0000	0.76	6.16		6.16
Mepiquat Chloride	oz											0.7500	0.15	0.12		0.12
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	5.50	5.50		5.50
Pyrethroid	ac											1.0000	6.00	6.00		6.00

Cstm Ap Air - 5 gal	appl		1.00	Sep								1.0000	5.50	5.50	5.50
Def 6	pt											0.5000	5.32	2.66	2.66
Finish 6	pt											0.3300	7.50	2.48	2.48
Dropp 50 WP	lb											0.1000	40.75	4.08	4.08
Cstm Ap Air - 5 gal	appl		1.00	Sep								1.0000	5.50	5.50	5.50
Def 6	pt											0.6600	5.32	3.51	3.51
Ethephon	pint											1.6000	3.69	5.91	5.91
Boll Buggy-1st pick	6R-38(325)	MFWD 190	0.172	1.00	Oct	4.39	5.02	1.10	2.84	0.17	1.55				14.90
Cotton Picker-1st-BB	6R-38(330)		0.172			16.35	47.15			0.34	2.89				66.39
Module Builder-1st	6R-38(325)	MFWD 190	0.172	1.00	Oct	4.39	5.02	1.45	3.74	0.34	2.89				17.49
Center pivot Irr.	each		1.00	Jun					69.24			0.0076			69.24
Application 1	ac-in							5.54		0.00	0.06	1.0000			5.60
Application 2	ac-in							5.54		0.00	0.06	1.0000			5.60
Application 3	ac-in							5.54		0.00	0.06	1.0000			5.60
Application 4	ac-in							5.54		0.00	0.06	1.0000			5.60
Application 5	ac-in							5.54		0.00	0.06	1.0000			5.60
Application 6	ac-in							5.54		0.00	0.06	1.0000			5.60
Application 7	ac-in							5.54		0.00	0.06	1.0000			5.60
TOTALS						33.69	67.97	44.00	80.54	1.34	11.52			366.26	603.98
INTEREST ON OPERATING CAPITAL															17.55
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															621.53

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.

Production Practice	Cost per acre^a	Budget No.
Bud worm/boll worm control		
Lannate (1 gal./ 4 acres)	\$19.23	None
Larvin (1 gal./ 3.5 acres)	\$22.93	None
Tracer (1 gal./ 64 acres)	\$18.41	None
Tracer (1/2 rate) + Pyretheroid	\$18.19	None
Defoliation for Irrigated Cotton	\$27.79	All budgets except: AG-1027, 1038, and 1048
Defoliation for Dryland Cotton	\$19.55	AG-1027, 1038, and 1048
Cruiser seed treatment	\$9.31	AG-1027, 1028, 1029, 1030, 1032, 1033, 1034, 1035, 1036, 1038, 1039, 1040, 1042, 1043, 1044, 1045, 1047, 1048, 1049, 1050, 1051, 1053, 1054, 1055
Gaucho seed treatment	\$9.31	AG-1031 and 1041
Avicta Complete Pak seed treatment	\$21.60	None
Harvest 4 row harvester, first pick ^b	\$66.96	AG-1027, 1028, 1029, 1030, 1038, 1047, and 1054
4 row harvester, second pick ^b	\$56.73	None
6 row harvester, (38" rows), first pick ^b	\$66.39	All budgets except: AG-1027, 1028, 1029, 1030, 1038, 1047, and 10542
6 row harvester, (38" rows), second pick ^b	\$56.23	None
Irrigation, furrow (3 ac. in)	\$8.35 per app. Plus a fixed cost of \$25.32	AG-1030, 1031, 1033, 1034, 1035, 1036, 1037, 1040, 1041, 1042, 1043, 1044, 1048, 1049, and 1050
Irrigation, center pivot (1 ac. in)	\$5.75 per app. Plus a fixed cost of \$69.24	AG-1028, 1029, 1032, 1039, 1045, 1046, 1051, 1052, 1053, 1054, and 1055
Irrigation, furrow, stationary relift (3 ac. in)	\$4.63 per app. Plus a fixed cost of \$24.79	None
Module Builder	\$26.19	All
Row cultivate plus directed spray	\$6.42 + material	None
Staple herbicide banded application (0.6 oz)	\$14.40	None
Prowl, and Incorporate (1.2 pints)	\$8.55	None
Treflan, Incorporated application (0.75 pints)	\$9.16	None
Treflan and Incorporate (1.5 pints)	\$10.98	None

^a Machinery costs per acre assume that each machine is fully utilized on the farm.

^bThis harvest cost includes the direct and fixed costs of the cotton picker only.

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**Estimating 2007 Costs of Production, Cotton
 Northeast Boll Weevil Eradication Zone, Center Pivot, 12 Row,
 Stale Seedbed, BGII/RRF, AG-1053-12-06**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HARVEST AIDS					
Aim	oz	5.42	1.0000	5.42	_____
Dropp 50 WP	lb	40.75	0.1000	4.08	_____
Finish 6	pt	7.50	0.3300	2.48	_____
Ethephon	pint	3.69	1.6000	5.91	_____
FERTILIZERS					
0-60-120-10-1	acre	45.56	1.0000	45.56	_____
Urea, Solid (46% N)	lb	0.17	218.0000	38.15	_____
FUNGICIDES					
Terraclor 15 G	lb	1.32	7.0000	9.24	_____
HERBICIDES					
Glyphosate Plus	pt	1.97	6.1000	12.02	_____
Clarity	pt	11.00	0.5000	5.50	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Dual Magnum	pt	12.66	1.0000	12.66	_____
Caparol 4L	pt	3.71	0.7500	2.78	_____
Valor SX	lb	65.50	0.0562	3.68	_____
INSECTICIDES					
Centric 40WG	oz	4.60	2.0000	9.20	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.59	1.0000	8.59	_____
Bidrin 8L	oz	0.76	16.0000	12.31	_____
Pyrethroid	ac	6.00	2.0000	12.00	_____
CROP SEED					
Cottonsd BGII/RRFlex	thous	0.48	45.0000	21.60	_____
Cruiser Seed Trmnt	thous	0.20	45.0000	9.00	_____
TECHNOLOGY FEE					
BGII/RRF Tech N	thous	1.47	45.0000	66.15	_____
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.15	26.0000	4.06	_____
ADJUVANTS					
Surfactant (80-20)	pt	1.25	0.4000	0.50	_____
CUSTOM HIRE					
Cstm Ap Air - 3 gal	appl	5.10	1.0000	5.10	_____
Cstm Ap Air - 5 gal	appl	5.50	9.0000	49.50	_____
Insect Scouting	acre	10.00	1.0000	10.00	_____
OPERATOR LABOR					
Tractors	hour	9.00	0.8439	7.59	_____
Self-Propelled	hour	9.00	0.2104	1.91	_____
IRRIGATION LABOR					
Center pivot Irr.	hour	7.80	0.0568	0.42	_____
HAND LABOR					
Implements	hour	7.80	0.2580	2.01	_____
Self-Propelled	hour	7.80	0.1914	1.50	_____
DIESEL FUEL					
Tractors	gal	2.22	8.4570	18.76	_____
Self-Propelled	gal	2.22	3.3198	7.38	_____
Center pivot Irr.	gal	2.22	14.0000	31.08	_____
REPAIR & MAINTENANCE					
Implements	acre	6.33	1.0000	6.33	_____
Tractors	acre	3.19	1.0000	3.19	_____
Self-Propelled	acre	10.14	1.0000	10.14	_____
Center pivot Irr.	ac-in	1.09	7.0000	7.70	_____
INTEREST ON OP. CAP.	acre	14.13	1.0000	14.13	_____
TOTAL DIRECT EXPENSES				489.62	_____
FIXED EXPENSES					
Implements	acre	13.82	1.0000	13.82	_____
Tractors	acre	24.45	1.0000	24.45	_____
Self-Propelled	acre	49.56	1.0000	49.56	_____
Center pivot Irr.	each	9000.94	0.0076	69.24	_____
TOTAL FIXED EXPENSES				157.07	_____
TOTAL SPECIFIED EXPENSES				646.69	_____

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Table 2. Estimated resource use and costs for field operations, per acre AG-1053, NE, CP, 12R, Stale, BGII/RRF, 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	1.67	1.92	1.29	0.98	0.08	0.74				6.60
TerraTill Bed w/roll	6R-38	MFWD 225	0.107	1.00	Nov	3.19	3.33	0.59	1.33	0.10	0.97				9.41
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	Nov	0.85	0.97			0.03	0.30				2.12
0-60-120-10-1	acre											1.0000	45.56	45.56	45.56
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	1.00	Nov	1.47	1.53	0.29	0.96	0.04	0.44				4.69
Sprayer(600-825Gal)	90'		0.011	1.00	Feb	0.36	0.74			0.01	0.16				1.26
Glyphosate Plus	pt											1.5000	1.97	2.96	2.96
Clarity	pt											0.5000	11.00	5.50	5.50
Sprayer(600-825Gal)	90'		0.011	0.25	Apr	0.09	0.19			0.00	0.04				0.32
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Apr	1.17	1.22	0.16	0.86	0.03	0.35				3.76
Plant & Pre Folding	12R-40	MFWD 225	0.050	1.00	May	1.51	1.57	1.03	2.48	0.10	0.86				7.45
Cottonsd BGII/RRFlex	thous											45.0000	0.48	21.60	21.60
BGII/RRF Tech N	thous											45.0000	1.47	66.15	66.15
Cruiser Seed Trmnt	thous											45.0000	0.20	9.00	9.00
Terraclor 15 G	lb											7.0000	1.32	9.24	9.24
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	May	0.85	0.97			0.03	0.30				2.12
Urea, Solid (46% N)	lb											109.0000	0.17	19.08	19.08
Sprayer(600-825Gal)	90'		0.011	1.00	May	0.36	0.74			0.01	0.16				1.26
Glyphosate Plus	pt											1.5000	1.97	2.96	2.96
Sprayer(600-825Gal)	90'		0.011	1.00	May	0.36	0.74			0.01	0.16				1.26
Glyphosate Plus	pt											1.5000	1.97	2.96	2.96
Dual Magnum	pt											1.0000	12.66	12.66	12.66
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	Jun	0.85	0.97			0.03	0.30				2.12
Urea, Solid (46% N)	lb											109.0000	0.17	19.08	19.08
Spray (Direct/Hood)	12R-38	MFWD 170	0.044	1.00	Jun	1.03	1.23	0.35	0.53	0.06	0.57				3.71
Caparol 4L	pt											0.7500	3.71	2.78	2.78
Glyphosate Plus	pt											1.0000	1.97	1.97	1.97
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	5.10	5.10	5.10
Centric 40WG	oz											2.0000	4.60	9.20	9.20
Mepiquat Chloride	oz											4.0000	0.15	0.63	0.63
Spray (Band)	40' Fold	MFWD 170	0.042	0.60	Jun	0.58	0.70	0.07	0.10	0.03	0.33				1.78
Valor SX	lb											0.0562	65.50	3.68	3.68
Glyphosate Plus	pt											0.6000	1.97	1.18	1.18
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Trimax	oz											1.5000	4.47	6.72	6.72
Insect Scouting	acre			1.00	Jul							1.0000	10.00	10.00	10.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Orthene 90S	lb											0.5000	8.59	4.30	4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Bidrin 8L	oz											8.0000	0.76	6.16	6.16
Mepiquat Chloride	oz											10.0000	0.15	1.56	1.56
Eradication Fee DZ	ac			1.00	Jul							1.0000	14.00	14.00	14.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Orthene 90S	lb											0.5000	8.59	4.30	4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Pyrethroid	ac											1.0000	6.00	6.00	6.00
Mepiquat Chloride	oz											12.0000	0.15	1.88	1.88
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	5.50	5.50	5.50
Bidrin 8L	oz											8.0000	0.76	6.16	6.16
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	5.50	5.50	5.50

Pyrethroid	ac											1.0000	6.00	6.00	6.00
Cstm Ap Air - 5 gal	appl	1.00	Sep									1.0000	5.50	5.50	5.50
Aim	oz											0.3300	5.42	1.79	1.79
Dropp 50 WP	lb											0.1000	40.75	4.08	4.08
Finish 6	pt											0.3300	7.50	2.48	2.48
Surfactant (80-20)	pt											0.2000	1.25	0.25	0.25
Cstm Ap Air - 5 gal	appl	1.00	Sep									1.0000	5.50	5.50	5.50
Aim	oz											0.6700	5.42	3.63	3.63
Ethephon	pint											1.6000	3.69	5.91	5.91
Surfactant (80-20)	pt											0.2000	1.25	0.25	0.25
Boll Buggy-1st pick	6R-38(325) MFWD 190	0.172	1.00	Oct	4.39	5.02	1.10	2.84	0.17	1.55					14.90
Cotton Picker-1st-BB	6R-38(330)	0.172			16.35	47.15			0.34	2.89					66.39
Module Builder-1st	6R-38(325) MFWD 190	0.172	1.00	Oct	4.39	5.02	1.45	3.74	0.34	2.89					17.49
Center pivot Irr.	each	1.00	Jun					69.24				0.0076			69.24
Application 1	ac-in						5.54		0.00	0.06		1.0000			5.60
Application 2	ac-in						5.54		0.00	0.06		1.0000			5.60
Application 3	ac-in						5.54		0.00	0.06		1.0000			5.60
Application 4	ac-in						5.54		0.00	0.06		1.0000			5.60
Application 5	ac-in						5.54		0.00	0.06		1.0000			5.60
Application 6	ac-in						5.54		0.00	0.06		1.0000			5.60
Application 7	ac-in						5.54		0.00	0.06		1.0000			5.60
TOTALS					39.47	74.01	45.11	83.06	1.56	13.43				377.48	632.56
INTEREST ON OPERATING CAPITAL															14.13
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															646.69

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Table 3. Alternative cotton production practices and which cotton budgets contain them.

Production Practice	Cost per acre^a	Budget No.
Bud worm/boll worm control		
Lannate (1 gal./ 4 acres)	\$19.23	None
Larvin (1 gal./ 3.5 acres)	\$22.93	None
Tracer (1 gal./ 64 acres)	\$18.41	None
Tracer (1/2 rate) + Pyretheroid	\$18.19	None
Defoliation for Irrigated Cotton	\$27.79	All budgets except: AG-1027, 1038, and 1048
Defoliation for Dryland Cotton	\$19.55	AG-1027, 1038, and 1048
Cruiser seed treatment	\$9.31	AG-1027, 1028, 1029, 1030, 1032, 1033, 1034, 1035, 1036, 1038, 1039, 1040, 1042, 1043, 1044, 1045, 1047, 1048, 1049, 1050, 1051, 1053, 1054, 1055
Gaucho seed treatment	\$9.31	AG-1031 and 1041
Avicta Complete Pak seed treatment	\$21.60	None
Harvest 4 row harvester, first pick ^b	\$66.96	AG-1027, 1028, 1029, 1030, 1038, 1047, and 1054
4 row harvester, second pick ^b	\$56.73	None
6 row harvester, (38" rows), first pick ^b	\$66.39	All budgets except: AG-1027, 1028, 1029, 1030, 1038, 1047, and 10542
6 row harvester, (38" rows), second pick ^b	\$56.23	None
Irrigation, furrow (3 ac. in)	\$8.35 per app. Plus a fixed cost of \$25.32	AG-1030, 1031, 1033, 1034, 1035, 1036, 1037, 1040, 1041, 1042, 1043, 1044, 1048, 1049, and 1050
Irrigation, center pivot (1 ac. in)	\$5.75 per app. Plus a fixed cost of \$69.24	AG-1028, 1029, 1032, 1039, 1045, 1046, 1051, 1052, 1053, 1054, and 1055
Irrigation, furrow, stationary relift (3 ac. in)	\$4.63 per app. Plus a fixed cost of \$24.79	None
Module Builder	\$26.19	All
Row cultivate plus directed spray	\$6.42 + material	None
Staple herbicide banded application (0.6 oz)	\$14.40	None
Prowl, and Incorporate (1.2 pints)	\$8.55	None
Treflan, Incorporated application (0.75 pints)	\$9.16	None
Treflan and Incorporate (1.5 pints)	\$10.98	None

^a Machinery costs per acre assume that each machine is fully utilized on the farm.

^bThis harvest cost includes the direct and fixed costs of the cotton picker only.

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**Estimating 2007 Costs of Production, Cotton
 Northeast Boll Weevil Eradication Zone, Center Pivot, 8 Row,
 Conventional Till, Bt/RR, AG-1054-12-06**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HARVEST AIDS					
Finish 6	pt	7.50	0.3300	2.48	_____
Def 6	pt	5.32	1.1600	6.17	_____
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	45.56	1.0000	45.56	_____
Urea, Solid (46% N)	lb	0.17	218.0000	38.15	_____
FUNGICIDES					
Terraclor 15 G	lb	1.32	7.0000	9.24	_____
HERBICIDES					
Glyphosate Plus	pt	1.97	6.1000	12.02	_____
Clarity	pt	11.00	0.5000	5.50	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Cotoran 4L	pt	4.79	1.6000	7.66	_____
Dual Magnum	pt	12.66	1.0000	12.66	_____
Caparol 4L	pt	3.71	0.7500	2.78	_____
Valor SX	lb	65.50	0.0562	3.68	_____
INSECTICIDES					
Centric 40WG	oz	4.60	2.0000	9.20	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.59	1.0000	8.59	_____
Bidrin 8L	oz	0.76	16.0000	12.31	_____
Pyrethroid	ac	6.00	2.0000	12.00	_____
CROP SEED					
Cottonseed Bt/RR	thous	0.45	45.0000	20.25	_____
Cruiser Seed Trmnt	thous	0.20	45.0000	9.00	_____
TECHNOLOGY FEE					
BtRR Cott Tech Fee N	thous	1.07	45.0000	48.15	_____
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.15	26.0000	4.06	_____
CUSTOM HIRE					
Cstm Ap Air - 3 gal	appl	5.10	1.0000	5.10	_____
Cstm Ap Air - 5 gal	appl	5.50	9.0000	49.50	_____
Insect Scouting	acre	10.00	1.0000	10.00	_____
OPERATOR LABOR					
Tractors	hour	9.00	1.2877	11.60	_____
Self-Propelled	hour	9.00	0.3150	2.84	_____
IRRIGATION LABOR					
Center pivot Irr.	hour	7.80	0.0568	0.42	_____
HAND LABOR					
Implements	hour	7.80	0.3802	2.97	_____
Self-Propelled	hour	7.80	0.2864	2.24	_____
DIESEL FUEL					
Tractors	gal	2.22	12.3619	27.44	_____
Self-Propelled	gal	2.22	3.9732	8.81	_____
Center pivot Irr.	gal	2.22	14.0000	31.08	_____
REPAIR & MAINTENANCE					
Implements	acre	9.15	1.0000	9.15	_____
Tractors	acre	4.81	1.0000	4.81	_____
Self-Propelled	acre	9.94	1.0000	9.94	_____
Center pivot Irr.	ac-in	1.09	7.0000	7.70	_____
INTEREST ON OP. CAP.	acre	13.72	1.0000	13.72	_____
TOTAL DIRECT EXPENSES				498.76	_____
FIXED EXPENSES					
Implements	acre	21.95	1.0000	21.95	_____
Tractors	acre	36.93	1.0000	36.93	_____
Self-Propelled	acre	49.01	1.0000	49.01	_____
Center pivot Irr.	each	9000.94	0.0076	69.24	_____
TOTAL FIXED EXPENSES				177.13	_____
TOTAL SPECIFIED EXPENSES				675.89	_____

Robert Hogan, Jr.
Extension
Economist
- Farm
Management

H. Scott Stiles
Extension
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Research
Verification
Coordinator

Table 2. Estimated resource use and costs for field operations, per acre AG-1054, NE, CP, 8R, Conv., Bt/RR, 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	1.67	1.92	1.29	0.98	0.08	0.74					6.60
Heavy Disk	27'	MFWD 190	0.075	1.00	Oct	1.93	2.21	0.75	1.99	0.07	0.68					7.56
Chisel Plow(Folding)	24'	MFWD 190	0.076	1.00	Oct	1.95	2.23	0.61	1.36	0.07	0.69					6.84
Field Cultivate	32'	MFWD 225	0.046	1.00	Nov	1.39	1.44	0.31	1.64	0.04	0.42					5.20
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	Nov	0.85	0.97			0.03	0.30					2.12
0-60-120-10-1	acre											1.0000	45.56	45.56		45.56
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Nov	1.89	2.16	0.29	0.95	0.07	0.67					5.96
Sprayer(600-750Gal)	60'		0.017	1.00	Feb	0.53	1.05			0.02	0.23					1.81
Glyphosate Plus	pt											1.5000	1.97	2.96		2.96
Clarity	pt											0.5000	11.00	5.50		5.50
Sprayer(600-750Gal)	60'		0.017	0.25	Apr	0.13	0.26			0.00	0.06					0.45
Gramoxone Extra	pt											0.2500	4.86	1.22		1.22
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Apr	1.89	2.16	0.29	0.95	0.07	0.67					5.96
Row Cond (Harrow)	26'	MFWD 190	0.057	1.00	Apr	1.47	1.67	0.14	0.72	0.05	0.52					4.52
Plant & Pre Folding	8r-40	MFWD 190	0.076	1.00	May	1.95	2.23	1.15	2.76	0.15	1.29					9.38
Cottonseed Bt/RR	thous											45.0000	0.45	20.25		20.25
BtRR Cott Tech Fee	N thous											45.0000	1.07	48.15		48.15
Cruiser Seed Trmnt	thous											45.0000	0.20	9.00		9.00
Terraclor 15 G	lb											7.0000	1.32	9.24		9.24
Cotoran 4L	pt											1.6000	4.79	7.66		7.66
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	May	0.85	0.97			0.03	0.30					2.12
Urea, Solid (46% N)	lb											109.0000	0.17	19.08		19.08
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.53	1.05			0.02	0.23					1.81
Glyphosate Plus	pt											1.5000	1.97	2.96		2.96
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.53	1.05			0.02	0.23					1.81
Glyphosate Plus	pt											1.5000	1.97	2.96		2.96
Dual Magnum	pt											1.0000	12.66	12.66		12.66
Fert Appl - T & O	8r27	MFWD 170	0.050	1.00	Jun	1.15	1.38			0.05	0.45					2.98
Urea, Solid (46% N)	lb											109.0000	0.17	19.08		19.08
Spray (Direct/Hood)	8R-38	MFWD 170	0.066	1.00	Jun	1.54	1.85	0.43	0.65	0.10	0.86					5.33
Caparol 4L	pt											0.7500	3.71	2.78		2.78
Glyphosate Plus	pt											1.0000	1.97	1.97		1.97
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	5.10	5.10		5.10
Centric 40WG	oz											2.0000	4.60	9.20		9.20
Mepiquat Chloride	oz											4.0000	0.15	0.63		0.63
Spray (Band)	40' Fold	MFWD 170	0.042	0.60	Jun	0.58	0.70	0.07	0.10	0.03	0.33					1.78
Valor SX	lb											0.0562	65.50	3.68		3.68
Glyphosate Plus	pt											0.6000	1.97	1.18		1.18
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50		5.50
Trimax	oz											1.5000	4.47	6.72		6.72
Insect Scouting	acre			1.00	Jul							1.0000	10.00	10.00		10.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50		5.50
Orthene 90S	lb											0.5000	8.59	4.30		4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50		5.50
Bidrin 8L	oz											8.0000	0.76	6.16		6.16
Mepiquat Chloride	oz											10.0000	0.15	1.56		1.56
Eradication Fee DZ	ac			1.00	Jul							1.0000	14.00	14.00		14.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50		5.50
Orthene 90S	lb											0.5000	8.59	4.30		4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50		5.50
Pyrethroid	ac											1.0000	6.00	6.00		6.00

Mepiquat Chloride	oz											12.0000	0.15	1.88	1.88
Cstm Ap Air - 5 gal	appl	1.00	Aug									1.0000	5.50	5.50	5.50
Bidrin 8L	oz											8.0000	0.76	6.16	6.16
Cstm Ap Air - 5 gal	appl	1.00	Aug									1.0000	5.50	5.50	5.50
Pyrethroid	ac											1.0000	6.00	6.00	6.00
Cstm Ap Air - 5 gal	appl	1.00	Sep									1.0000	5.50	5.50	5.50
Finish 6	pt											0.3300	7.50	2.48	2.48
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	5.50	5.50	5.50
Ethephon	pint											1.6000	3.69	5.91	5.91
Def 6	pt											0.6600	5.32	3.51	3.51
Boll Buggy-1st pick	4R-38(255)	MFWD 190	0.257	1.00	Oct	6.57	7.52	1.65	4.25	0.25	2.32				22.31
Cotton Picker-1st-BB	4R-38(255)		0.257			17.03	45.60			0.51	4.33				66.96
Module Builder-1st	4R-38(255)	MFWD 190	0.257	1.00	Oct	6.57	7.52	2.17	5.60	0.51	4.33				26.19
Center pivot Irr.	each		1.00	Jun					69.24			0.0076			69.24
Application 1	ac-in							5.54		0.00	0.06	1.0000			5.60
Application 2	ac-in							5.54		0.00	0.06	1.0000			5.60
Application 3	ac-in							5.54		0.00	0.06	1.0000			5.60
Application 4	ac-in							5.54		0.00	0.06	1.0000			5.60
Application 5	ac-in							5.54		0.00	0.06	1.0000			5.60
Application 6	ac-in							5.54		0.00	0.06	1.0000			5.60
Application 7	ac-in							5.54		0.00	0.06	1.0000			5.60
TOTALS						51.00	85.94	47.93	91.19	2.32	20.07			366.04	662.17
INTEREST ON OPERATING CAPITAL															13.72
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															675.89

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Table 3. Alternative cotton production practices and which cotton budgets contain them.

Production Practice	Cost per acre^a	Budget No.
Bud worm/boll worm control		
Lannate (1 gal./ 4 acres)	\$19.23	None
Larvin (1 gal./ 3.5 acres)	\$22.93	None
Tracer (1 gal./ 64 acres)	\$18.41	None
Tracer (1/2 rate) + Pyretheroid	\$18.19	None
Defoliation for Irrigated Cotton	\$27.79	All budgets except: AG-1027, 1038, and 1048
Defoliation for Dryland Cotton	\$19.55	AG-1027, 1038, and 1048
Cruiser seed treatment	\$9.31	AG-1027, 1028, 1029, 1030, 1032, 1033, 1034, 1035, 1036, 1038, 1039, 1040, 1042, 1043, 1044, 1045, 1047, 1048, 1049, 1050, 1051, 1053, 1054, 1055
Gaucho seed treatment	\$9.31	AG-1031 and 1041
Avicta Complete Pak seed treatment	\$21.60	None
Harvest 4 row harvester, first pick ^b	\$66.96	AG-1027, 1028, 1029, 1030, 1038, 1047, and 1054
4 row harvester, second pick ^b	\$56.73	None
6 row harvester, (38" rows), first pick ^b	\$66.39	All budgets except: AG-1027, 1028, 1029, 1030, 1038, 1047, and 10542
6 row harvester, (38" rows), second pick ^b	\$56.23	None
Irrigation, furrow (3 ac. in)	\$8.35 per app. Plus a fixed cost of \$25.32	AG-1030, 1031, 1033, 1034, 1035, 1036, 1037, 1040, 1041, 1042, 1043, 1044, 1048, 1049, and 1050
Irrigation, center pivot (1 ac. in)	\$5.75 per app. Plus a fixed cost of \$69.24	AG-1028, 1029, 1032, 1039, 1045, 1046, 1051, 1052, 1053, 1054, and 1055
Irrigation, furrow, stationary relift (3 ac. in)	\$4.63 per app. Plus a fixed cost of \$24.79	None
Module Builder	\$26.19	All
Row cultivate plus directed spray	\$6.42 + material	None
Staple herbicide banded application (0.6 oz)	\$14.40	None
Prowl, and Incorporate (1.2 pints)	\$8.55	None
Treflan, Incorporated application (0.75 pints)	\$9.16	None
Treflan and Incorporate (1.5 pints)	\$10.98	None

^a Machinery costs per acre assume that each machine is fully utilized on the farm.

^bThis harvest cost includes the direct and fixed costs of the cotton picker only.

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**Estimating 2007 Costs of Production, Cotton
Northeast Boll Weevil Eradication Zone, Center Pivot, 12 Row,
No-Till, BGII/RRF, AG-1055-12-06**

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HARVEST AIDS					
Def 6	pt	5.32	1.1600	6.17	_____
Finish 6	pt	7.50	0.3300	2.48	_____
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	45.56	1.0000	45.56	_____
Urea, Solid (46% N)	lb	0.17	218.0000	38.15	_____
FUNGICIDES					
Ridomil Gold PC	lb	1.93	7.0000	13.51	_____
HERBICIDES					
Glyphosate Plus	pt	1.97	4.6000	9.06	_____
Clarity	pt	11.00	0.5000	5.50	_____
Gramoxone Extra	pt	4.86	0.2500	1.22	_____
Cotoran 4L	pt	4.79	1.6000	7.66	_____
Caparol 4L	pt	3.71	0.7500	2.78	_____
Dual Magnum	pt	12.66	1.0000	12.66	_____
Valor SX	lb	65.50	0.0562	3.68	_____
INSECTICIDES					
Baythroid 2	oz	2.61	0.2000	0.52	_____
Centric 40WG	oz	4.60	2.0000	9.20	_____
Trimax	oz	4.47	1.5000	6.72	_____
Orthene 90S	lb	8.59	1.0000	8.59	_____
Bidrin 8L	oz	0.76	16.0000	12.31	_____
Pyrethroid	ac	6.00	2.0000	12.00	_____
CROP SEED					
Cottonsd BGII/RRFlex	thous	0.48	45.0000	21.60	_____
Cruiser Seed Trmnt	thous	0.20	45.0000	9.00	_____
TECHNOLOGY FEE					
BGII/RRF Tech N	thous	1.47	45.0000	66.15	_____
Eradication Fee DZ	ac	14.00	1.0000	14.00	_____
GROWTH REGULATORS					
Mepiquat Chloride	oz	0.15	1.6250	0.25	_____
CUSTOM HIRE					
Cstm Ap Air - 3 gal	appl	5.10	1.0000	5.10	_____
Insect Scouting	acre	10.00	1.0000	10.00	_____
Cstm Ap Air - 5 gal	appl	5.50	9.0000	49.50	_____
OPERATOR LABOR					
Tractors	hour	9.00	0.6474	5.82	_____
Self-Propelled	hour	9.00	0.2104	1.91	_____
IRRIGATION LABOR					
Center pivot Irr.	hour	7.80	0.0568	0.42	_____
HAND LABOR					
Implements	hour	7.80	0.2406	1.87	_____
Self-Propelled	hour	7.80	0.1914	1.50	_____
DIESEL FUEL					
Tractors	gal	2.22	6.2069	13.76	_____
Self-Propelled	gal	2.22	3.3198	7.38	_____
Center pivot Irr.	gal	2.22	14.0000	31.08	_____
REPAIR & MAINTENANCE					
Implements	acre	5.22	1.0000	5.22	_____
Tractors	acre	2.41	1.0000	2.41	_____
Self-Propelled	acre	10.14	1.0000	10.14	_____
Center pivot Irr.	ac-in	1.09	7.0000	7.70	_____
INTEREST ON OP. CAP.	acre	18.37	1.0000	18.37	_____
TOTAL DIRECT EXPENSES				490.99	_____
FIXED EXPENSES					
Implements	acre	11.30	1.0000	11.30	_____
Tractors	acre	18.41	1.0000	18.41	_____
Self-Propelled	acre	49.56	1.0000	49.56	_____
Center pivot Irr.	each	9000.94	0.0076	69.24	_____
TOTAL FIXED EXPENSES				148.51	_____
TOTAL SPECIFIED EXPENSES				639.50	_____

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Table 2. Estimated resource use and costs for field operations, per acre, AG-1055, NE, Center Pivot,12R, Notill, BGII/RRF, 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	1.67	1.92	1.29	0.98	0.08	0.74				6.60
Sprayer(600-825Gal)	90'		0.011	1.00	Feb	0.36	0.74			0.01	0.16				1.26
Glyphosate Plus	pt											1.5000	1.97	2.96	2.96
Clarity	pt											0.5000	11.00	5.50	5.50
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	Mar	0.85	0.97			0.03	0.30				2.12
0-60-120-10-1	acre											1.0000	45.56	45.56	45.56
Sprayer(600-825Gal)	90'		0.011	0.25	Apr	0.09	0.19			0.00	0.04				0.32
Gramoxone Extra	pt											0.2500	4.86	1.22	1.22
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Apr	1.17	1.22	0.16	0.86	0.03	0.35				3.76
NT Plant&Pre-Folding	12R-38	MFWD 190	0.055	1.00	May	1.42	1.62	1.15	2.78	0.11	0.93				7.90
Cottonsd BGII/RRFlex	thous											45.0000	0.48	21.60	21.60
BGII/RRF Tech N	thous											45.0000	1.47	66.15	66.15
Cruiser Seed Trmnt	thous											45.0000	0.20	9.00	9.00
Cotoran 4L	pt											1.6000	4.79	7.66	7.66
Baythroid 2	oz											0.2000	2.61	0.52	0.52
Ridomil Gold PC	lb											7.0000	1.93	13.51	13.51
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	May	0.85	0.97			0.03	0.30				2.12
Urea, Solid (46% N)	lb											109.0000	0.17	19.08	19.08
Sprayer(600-825Gal)	90'		0.011	1.00	May	0.36	0.74			0.01	0.16				1.26
Glyphosate Plus	pt											1.5000	1.97	2.96	2.96
Sprayer(600-825Gal)	90'		0.011	1.00	May	0.36	0.74			0.01	0.16				1.26
Glyphosate Plus	pt											1.0000	1.97	1.97	1.97
Caparol 4L	pt											0.7500	3.71	2.78	2.78
Dual Magnum	pt											1.0000	12.66	12.66	12.66
Fert Appl - T & O	12r40	MFWD 190	0.033	1.00	Jun	0.85	0.97			0.03	0.30				2.12
Urea, Solid (46% N)	lb											109.0000	0.17	19.08	19.08
Cstm Ap Air - 3 gal	appl			1.00	Jun							1.0000	5.10	5.10	5.10
Centric 40WG	oz											2.0000	4.60	9.20	9.20
Mepiquat Chloride	oz											0.2500	0.15	0.04	0.04
Spray (Band)	40' Fold	MFWD 170	0.042	0.60	Jun	0.58	0.70	0.07	0.10	0.03	0.33				1.78
Valor SX	lb											0.0562	65.50	3.68	3.68
Glyphosate Plus	pt											0.6000	1.97	1.18	1.18
Insect Scouting	acre			1.00	Jul							1.0000	10.00	10.00	10.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Trimax	oz											1.5000	4.47	6.72	6.72
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Orthene 90S	lb											0.5000	8.59	4.30	4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Bidrin 8L	oz											8.0000	0.76	6.16	6.16
Mepiquat Chloride	oz											0.6250	0.15	0.10	0.10
Eradication Fee DZ	ac			1.00	Jul							1.0000	14.00	14.00	14.00
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Orthene 90S	lb											0.5000	8.59	4.30	4.30
Cstm Ap Air - 5 gal	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Pyrethroid	ac											1.0000	6.00	6.00	6.00
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	5.50	5.50	5.50
Bidrin 8L	oz											8.0000	0.76	6.16	6.16
Mepiquat Chloride	oz											0.7500	0.15	0.12	0.12
Cstm Ap Air - 5 gal	appl			1.00	Aug							1.0000	5.50	5.50	5.50
Pyrethroid	ac											1.0000	6.00	6.00	6.00
Cstm Ap Air - 5 gal	appl			1.00	Sep							1.0000	5.50	5.50	5.50

Def 6	pt											0.5000	5.32	2.66	2.66
Finish 6	pt											0.3300	7.50	2.48	2.48
Dropp 50 WP	lb											0.1000	40.75	4.08	4.08
Cstm Ap Air - 5 gal	appl	1.00	Sep									1.0000	5.50	5.50	5.50
Def 6	pt											0.6600	5.32	3.51	3.51
Ethephon	pint											1.6000	3.69	5.91	5.91
Boll Buggy-1st pick	6R-38(325) MFWD 190	0.172	1.00	Oct	4.39	5.02	1.10	2.84	0.17	1.55					14.90
Cotton Picker-1st-BB	6R-38(330)	0.172			16.35	47.15			0.34	2.89					66.39
Module Builder-1st	6R-38(325) MFWD 190	0.172	1.00	Oct	4.39	5.02	1.45	3.74	0.34	2.89					17.49
Center pivot Irr.	each	1.00	Jun					69.24				0.0076			69.24
Application 1	ac-in						5.54		0.00	0.06		1.0000			5.60
Application 2	ac-in						5.54		0.00	0.06		1.0000			5.60
Application 3	ac-in						5.54		0.00	0.06		1.0000			5.60
Application 4	ac-in						5.54		0.00	0.06		1.0000			5.60
Application 5	ac-in						5.54		0.00	0.06		1.0000			5.60
Application 6	ac-in						5.54		0.00	0.06		1.0000			5.60
Application 7	ac-in						5.54		0.00	0.06		1.0000			5.60
					-----	-----	-----	-----	-----	-----				-----	-----
TOTALS					33.69	67.97	44.00	80.54	1.34	11.52				383.41	621.13
INTEREST ON OPERATING CAPITAL															18.37
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															639.50

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.

Production Practice	Cost per acre^a	Budget No.
Bud worm/boll worm control		
Lannate (1 gal./ 4 acres)	\$19.23	None
Larvin (1 gal./ 3.5 acres)	\$22.93	None
Tracer (1 gal./ 64 acres)	\$18.41	None
Tracer (1/2 rate) + Pyretheroid	\$18.19	None
Defoliation for Irrigated Cotton	\$27.79	All budgets except: AG-1027, 1038, and 1048
Defoliation for Dryland Cotton	\$19.55	AG-1027, 1038, and 1048
Cruiser seed treatment	\$9.31	AG-1027, 1028, 1029, 1030, 1032, 1033, 1034, 1035, 1036, 1038, 1039, 1040, 1042, 1043, 1044, 1045, 1047, 1048, 1049, 1050, 1051, 1053, 1054, 1055
Gaucho seed treatment	\$9.31	AG-1031 and 1041
Avicta Complete Pak seed treatment	\$21.60	None
Harvest 4 row harvester, first pick ^b	\$66.96	AG-1027, 1028, 1029, 1030, 1038, 1047, and 1054
4 row harvester, second pick ^b	\$56.73	None
6 row harvester, (38" rows), first pick ^b	\$66.39	All budgets except: AG-1027, 1028, 1029, 1030, 1038, 1047, and 10542
6 row harvester, (38" rows), second pick ^b	\$56.23	None
Irrigation, furrow (3 ac. in)	\$8.35 per app. Plus a fixed cost of \$25.32	AG-1030, 1031, 1033, 1034, 1035, 1036, 1037, 1040, 1041, 1042, 1043, 1044, 1048, 1049, and 1050
Irrigation, center pivot (1 ac. in)	\$5.75 per app. Plus a fixed cost of \$69.24	AG-1028, 1029, 1032, 1039, 1045, 1046, 1051, 1052, 1053, 1054, and 1055
Irrigation, furrow, stationary relift (3 ac. in)	\$4.63 per app. Plus a fixed cost of \$24.79	None
Module Builder	\$26.19	All
Row cultivate plus directed spray	\$6.42 + material	None
Staple herbicide banded application (0.6 oz)	\$14.40	None
Prowl, and Incorporate (1.2 pints)	\$8.55	None
Treflan, Incorporated application (0.75 pints)	\$9.16	None
Treflan and Incorporate (1.5 pints)	\$10.98	None

^a Machinery costs per acre assume that each machine is fully utilized on the farm.

^bThis harvest cost includes the direct and fixed costs of the cotton picker only.

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View and print all of the Arkansas crop budgets at http://www.uaex.edu/depts/ag_economics/crop_budgets.htm