

**FIELD CROP  
BUDGETS  
FOR 1996**

Agricultural Economics and Resource Development

Agricultural Extension Service

University of Tennessee

February, 1996

**COTTON - CONVENTIONAL TILLAGE, 500 POUND YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE (4-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
COTTON(1)	LINT	LB.	500.00	0.64	320.00	_____
<b>VARIABLE EXPENSES</b>						
SEED	ACID DELINTED	LB.	12.00	0.76	9.12	_____
FUNGICIDE	TERRACLOR SUPER X	LB.	10.00	1.42	14.20	_____
INSECTICIDE(4)						
TEMK		LB.	3.50	3.09	10.82	_____
PINHEAD SQUARE - 1ST	GUTHION	OZ.	16.00	0.22	3.52	_____
PINHEAD SQUARE - 2ND	VYDATE	OZ.	8.00	0.46	3.68	_____
FERTILIZER	N (UREA)	LB.	80.00	0.27	21.60	_____
	P2O5	LB.	60.00	0.26	15.60	_____
	K2O	LB.	60.00	0.12	7.20	_____
BORON		LB.	0.50	3.15	1.58	_____
LIME		TON	0.50	15.60	7.80	_____
HERBICIDE						
PRE-EMERGE(2)						
	TREFLAN E.C.	PT.	1.50	3.8	5.70	_____
	COTORAN (BAND) 4L	PT.	1.50	4.10	6.15	_____
POST-EMERGE(3)						
	MSMA +	PT.	1.00	2.18	2.18	_____
	BLADEX (DIRECTED)	PT.	1.50	3.25	4.88	_____
GROWTH REGULATOR	PI X	PT.	1.00	11.98	11.98	_____
SCOUTING		ACRE	1.00	4.00	4.00	_____
DEFOLIANT	CUSTOM-AIRPLANE	ACRE	1.00	9.50	9.50	_____
MACHINERY REPAIR		AC.	1.00	36.11	36.11	_____
MACHINERY FUEL		AC.	1.00	15.45	15.45	_____
OPERATING CAPITAL	6 MONTHS	AC.	191.07	8.00%	7.65	_____
					TOTAL VARIABLE EXPENSES	198.72
					RETURN ABOVE VARIABLE EXPENSES	121.29
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION			1.00	42.63	42.63	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	22.42	22.42	_____
	RETURNS TO LAND, LABOR, MANAGEMENT, AND RISK				56.23	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	3.85	6.00	23.07	_____
	RETURNS TO LAND, MANAGEMENT, AND RISK				33.16	_____

--- PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. ---

**FOOTNOTES**

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) COTORAN AT RATE OF .8 POUNDS PER ACRE, APPLIED IN 16-INCH BANDS. TREFLAN BROADCAST AND INCORPORATED WITH THE SOIL.
- (3) ONE APPLICATION OF MSMA + SURFACTANT IN 16-INCH BANDS. (DIRECTED).
- (4) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:  
 PAULUS P. SHELBY, ASSOCIATE PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE  
 ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
 SAMUEL C. DANEHOWER, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**COTTON - CONVENTIONAL TILLAGE, 725 POUND YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE (4-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
COTTON(1)	LINT	LB.	725.00	0.64	464.00	_____
<b>VARIABLE EXPENSES</b>						
SEED	ACID DELINTED	LB.	12.00	0.76	9.12	_____
FUNGICIDE	TERRACLOR SUPER X	LB.	10.00	1.42	14.20	_____
INSECTICIDE(4)						
TEMIK		LB.	3.50	3.09	10.82	_____
PINHEAD SQUARE - 1ST	GUTHION	OZ.	16.00	0.22	3.52	_____
PINHEAD SQUARE - 2ND	VYDATE	OZ.	8.00	0.46	3.68	_____
FERTILIZER	N (UREA)	LB.	100.00	0.27	27.00	_____
	P2O5	LB.	60.00	0.26	15.60	_____
	K2O	LB.	60.00	0.12	7.20	_____
BORON		LB.	0.50	3.15	1.58	_____
LIME		TON	0.50	15.60	7.80	_____
HERBICIDE						
PRE-EMERGE(2)						
	TREFLAN E.C.	PT.	1.50	3.8	5.70	_____
	COTORAN (BAND) 4L	PT.	1.50	4.10	6.15	_____
POST-EMERGE(3)						
	MSMA +	PT.	1.00	2.18	2.18	_____
	BLADEX (DIRECTED)	PT.	1.50	3.25	4.88	_____
GROWTH REGULATOR	PI X	PT.	1.00	11.98	11.98	_____
SCOUTING		ACRE	1.00	4.00	4.00	_____
DEFOLIANT	CUSTOM-AIRPLANE	ACRE	1.00	9.50	9.50	_____
BOLL OPENER (PREP)	CUSTOM-AIRPLANE	ACRE	1.00	10.50	10.50	_____
MACHINERY REPAIR		AC.	1.00	36.11	36.11	_____
MACHINERY FUEL		AC.	1.00	15.45	15.45	_____
OPERATING CAPITAL	6 MONTHS	AC.	206.97	8.00%	8.28	_____
					<b>TOTAL VARIABLE EXPENSES</b>	215.25
					<b>RETURN ABOVE VARIABLE EXPENSES</b>	248.75
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION			1.00	42.63	42.63	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	22.42	22.42	_____
					<b>RETURNS TO LAND, LABOR, MANAGEMENT, AND RISK</b>	183.70
<b>LABOR EXPENSES</b>						
LABOR		HR.	3.85	6.00	23.07	_____
					<b>RETURNS TO LAND, MANAGEMENT, AND RISK</b>	160.63

— PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. —

**FOOTNOTES**

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) COTORAN AT RATE OF .8 POUNDS PER ACRE, APPLIED IN 16-INCH BANDS.  
TREFLAN BROADCAST AND INCORPORATED WITH THE SOIL.
- (3) ONE APPLICATION OF MSMA + SURFACTANT IN 16-INCH BANDS. (DIRECTED).
- (4) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:  
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ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
SAMUEL C. DANEHOWER, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**COTTON - CONVENTIONAL TILLAGE, 500 POUND YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE (8-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
COTTON(1)	LINT	LB.	500.00	0.64	320.00	_____
<b>VARIABLE EXPENSES</b>						
SEED	ACID DELINTED	LB.	12.00	0.76	9.12	_____
FUNGICIDE	TERRACLOR SUPER X	LB.	10.00	1.42	14.20	_____
INSECTICIDE(4)						
TEMK		LB.	3.50	3.09	10.82	_____
PINHEAD SQUARE - 1ST	GUTHION	OZ.	16.00	0.22	3.52	_____
PINHEAD SQUARE - 2ND	VYDATE	OZ.	8.00	0.46	3.68	_____
FERTILIZER	N (UREA)	LB.	80.00	0.27	21.60	_____
	P2O5	LB.	60.00	0.26	15.60	_____
	K2O	LB.	60.00	0.12	7.20	_____
BORON		LB.	0.50	3.15	1.58	_____
LIME		TON	0.50	15.60	7.80	_____
HERBICIDE						
PRE-EMERGE(2)						
	TREFLAN E.C.	PT.	1.50	3.8	5.70	_____
	COTORAN (BAND) 4L	PT.	1.50	4.10	6.15	_____
POST-EMERGE(3)						
	MSMA +	PT.	1.00	2.18	2.18	_____
	BLADEX (DIRECTED)	PT.	1.50	3.25	4.88	_____
GROWTH REGULATOR	PIX	PT.	1.00	11.98	11.98	_____
SCOUTING		ACRE	1.00	4.00	4.00	_____
DEFOLIANT	CUSTOM-AIRPLANE	ACRE	1.00	9.50	9.50	_____
MACHINERY REPAIR		AC.	1.00	29.22	29.22	_____
MACHINERY FUEL		AC.	1.00	11.09	11.09	_____
OPERATING CAPITAL	6 MONTHS	AC.	179.82	8.00%	7.20	_____
					TOTAL VARIABLE EXPENSES	187.02
					RETURN ABOVE VARIABLE EXPENSES	132.99
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION			1.00	35.31	35.31	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	18.82	18.82	_____
	RETURNS TO LAND, LABOR, MANAGEMENT, AND RISK				78.85	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	2.18	6.00	13.06	_____
	RETURNS TO LAND, MANAGEMENT, AND RISK				65.79	_____

--- PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. ---

**FOOTNOTES**

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) COTORAN AT RATE OF .8 POUNDS PER ACRE, APPLIED IN 16-INCH BANDS. TREFLAN BROADCAST AND INCORPORATED WITH THE SOIL.
- (3) ONE APPLICATION OF MSMA + SURFACTANT IN 16-INCH BANDS. (DIRECTED).
- (4) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.

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**COTTON - CONVENTIONAL TILLAGE, 725 POUND YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE (8-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
COTTON(1)	LINT	LB.	725.00	0.64	464.00	_____
<b>VARIABLE EXPENSES</b>						
SEED	ACID DELINTED	LB.	12.00	0.76	9.12	_____
FUNGICIDE	TERRACLOR SUPER X	LB.	10.00	1.42	14.20	_____
<b>INSECTICIDE(4)</b>						
TEMIK		LB.	3.50	3.09	10.82	_____
PINHEAD SQUARE - 1ST	GUTHION	OZ.	16.00	0.22	3.52	_____
PINHEAD SQUARE - 2ND	VYDATE	OZ.	8.00	0.46	3.68	_____
<b>FERTILIZER</b>						
	N (UREA)	LB.	100.00	0.27	27.00	_____
	P2O5	LB.	60.00	0.26	15.60	_____
	K2O	LB.	60.00	0.12	7.20	_____
BORON		LB.	0.50	3.15	1.58	_____
LIME		TON	0.50	15.60	7.80	_____
<b>HERBICIDE</b>						
<b>PRE-EMERGE(2)</b>						
	TREFLAN E.C.	PT.	1.50	3.8	5.70	_____
	COTORAN (BAND) 4L	PT.	1.50	4.10	6.15	_____
<b>POST-EMERGE(3)</b>						
	MSMA +	PT.	1.00	2.18	2.18	_____
	BLADEX (DIRECTED)	PT.	1.50	3.25	4.88	_____
GROWTH REGULATOR	PI X	PT.	1.00	11.98	11.98	_____
SCOUTING		ACRE	1.00	4.00	4.00	_____
DEFOLIANT	CUSTOM-AIRPLANE	ACRE	1.00	9.50	9.50	_____
BOLL OPENER (PREP)	CUSTOM-AIRPLANE	ACRE	1.00	10.50	10.50	_____
MACHINERY REPAIR		AC.	1.00	29.22	29.22	_____
MACHINERY FUEL		AC.	1.00	11.09	11.09	_____
OPERATING CAPITAL	6 MONTHS	AC.	195.72	8.00%	7.83	_____
					<b>TOTAL VARIABLE EXPENSES</b>	203.55
					<b>RETURN ABOVE VARIABLE EXPENSES</b>	260.45
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION			1.00	35.31	35.31	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	18.82	18.82	_____
	RETURNS TO LAND, LABOR, MANAGEMENT, AND RISK				206.31	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	2.18	6.00	13.06	_____
	RETURNS TO LAND, MANAGEMENT, AND RISK				193.25	_____

--- PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. ---

**FOOTNOTES**

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) COTORAN AT RATE OF .8 POUNDS PER ACRE, APPLIED IN 16-INCH BANDS.  
TREFLAN BROADCAST AND INCORPORATED WITH THE SOIL.
- (3) ONE APPLICATION OF MSMA + SURFACTANT IN 16-INCH BANDS. (DIRECTED).
- (4) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.

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**COTTON - NO TILLAGE, 500 POUND YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE (4-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
COTTON(1)	LINT	LB.	500.00	0.64	320.00	_____
<b>VARIABLE EXPENSES</b>						
SEED	ACID DELINTED	LB.	12.00	0.76	9.12	_____
FUNGICIDE	TERRACLOR SUPER X	LB.	10.00	1.42	14.20	_____
INSECTICIDE(4)						
TEMIK		LB.	3.50	3.09	10.82	_____
PINHEAD SQUARE - 1ST	GUTHION	OZ.	16.00	0.22	3.52	_____
PINHEAD SQUARE - 2ND	VYDATE	OZ.	8.00	0.46	3.68	_____
FERTILIZER	N (AN)	LB.	80.00	0.29	23.20	_____
	P2O5	LB.	60.00	0.26	15.60	_____
	K2O	LB.	60.00	0.12	7.20	_____
BORON		LB.	0.50	3.15	1.58	_____
LIME		TON	0.50	15.60	7.80	_____
HERBICIDE						
BURNDOWN						
	ROUNDUP(LRT)+	QT.	1.00	11.21	11.21	_____
	SURFACTANT	QT.	0.20	2.55	0.51	_____
	GRAMOXONE-EXTRA	PT.	1.00	3.86	3.86	_____
PRE-EMERGE(2)						
	PROWL	QT.	1.50	6.23	9.35	_____
	COTORAN 4L	PT.	1.50	4.10	6.15	_____
POST-EMERGE(3)						
	COTORAN 4L (BANDED)	PT.	1.50	4.10	6.15	_____
	MSMA (DIRECTED)	PT.	2.00	2.05	4.10	_____
	SURFACTANT	QT.	0.20	2.55	0.51	_____
POST-EMERGE(3)						
	BLADEX+	PT.	1.50	3.25	4.88	_____
	MSMA (DIRECTED)	PT.	2.00	2.05	4.10	_____
	SURFACTANT	QT.	0.20	2.55	0.51	_____
GROWTH REGULATOR	PI X	PT.	1.00	11.98	11.98	_____
SCOUTING		ACRE	1.00	4.00	4.00	_____
DEFOLIANT	CUSTOM-AIRPLANE	ACRE	1.00	9.50	9.50	_____
MACHINERY REPAIR		AC.	1.00	29.32	29.32	_____
MACHINERY FUEL		AC.	1.00	10.37	10.37	_____
OPERATING CAPITAL	6 MONTHS	AC.	213.22	8.00%	8.53	_____
					TOTAL VARIABLE EXPENSES	221.75
					RETURN ABOVE VARIABLE EXPENSES	98.25
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION			1.00	33.59	33.59	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	0.08	16.88	_____
	RETURNS TO LAND, LABOR, MANAGEMENT, AND RISK				47.78	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	2.69	6.00	16.16	_____
	RETURNS TO LAND, MANAGEMENT, AND RISK				31.62	_____

--- PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. ---

**FOOTNOTES**

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) COTORAN AT RATE OF .8 POUNDS PER ACRE, APPLIED IN 16-INCH BANDS.
- (3) ONE APPLICATION OF MSMA + SURFACTANT IN 16-INCH BANDS. (DIRECTED).
- (4) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.

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 ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
 SAMUEL C. DANEHOWER, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**COTTON - NO TILLAGE, 725 POUND YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE (4-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
COTTON(1)	LINT	LB.	725.00	0.64	464.00	_____
<b>VARIABLE EXPENSES</b>						
SEED	ACID DELINTED	LB.	12.00	0.76	9.12	_____
FUNGICIDE	TERRACLOR SUPER X	LB.	10.00	1.42	14.20	_____
INSECTICIDE(4)						
TEMIK		LB.	3.50	3.09	10.82	_____
PINHEAD SQUARE - 1ST	GUTHION	OZ.	16.00	0.22	3.52	_____
PINHEAD SQUARE - 2ND	VYDATE	OZ.	8.00	0.46	3.68	_____
FERTILIZER	N (AN)	LB.	100.00	0.29	29.00	_____
	P2O5	LB.	60.00	0.26	15.60	_____
	K2O	LB.	60.00	0.12	7.20	_____
BORON		LB.	0.50	3.15	1.58	_____
LIME		TON	0.50	15.60	7.80	_____
HERBICIDE						
BURNDOWN						
	ROUNDUP(LRT)+	QT.	1.00	11.21	11.21	_____
	SURFACTANT	QT.	0.20	2.55	0.51	_____
	GRAMOXONE-EXTRA	PT.	1.00	3.86	3.86	_____
PRE-EMERGE(2)						
	PROWL	QT.	1.50	6.23	9.35	_____
	COTORAN 4L	PT.	1.50	4.10	6.15	_____
POST-EMERGE(3)						
	COTORAN 4L (BANDED)	PT.	1.50	4.10	6.15	_____
	MSMA (DIRECTED)	PT.	2.00	2.05	4.10	_____
	SURFACTANT	QT.	0.20	2.55	0.51	_____
POST-EMERGE(3)						
	BLADEX+	PT.	1.50	3.25	4.88	_____
	MSMA (DIRECTED)	PT.	2.00	2.05	4.10	_____
	SURFACTANT	QT.	0.20	2.55	0.51	_____
GROWTH REGULATOR	PI X	PT.	1.00	11.98	11.98	_____
SCOUTING		ACRE	1.00	4.00	4.00	_____
DEFOLIANT	CUSTOM-AIRPLANE	ACRE	1.00	9.50	9.50	_____
BOLL OPENER (PREP)	CUSTOM-AIRPLANE	ACRE	1.00	10.50	10.50	_____
MACHINERY REPAIR		AC.	1.00	29.32	29.32	_____
MACHINERY FUEL		AC.	1.00	10.37	10.37	_____
OPERATING CAPITAL	6 MONTHS	AC.	229.52	8.00%	18.54	_____
					238.70	_____
					225.30	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION			1.00	33.59	33.59	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	16.88	16.88	_____
	RETURNS TO LAND, LABOR, MANAGEMENT, AND RISK				174.83	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	2.69	6.00	16.16	_____
	RETURNS TO LAND, MANAGEMENT, AND RISK				158.67	_____

-- PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. --

**FOOTNOTES**

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) COTORAN AT RATE OF .8 POUNDS PER ACRE, APPLIED IN 16-INCH BANDS.
- (3) ONE APPLICATION OF MSMA + SURFACTANT IN 16-INCH BANDS. (DIRECTED).
- (4) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.

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**COTTON - NO TILLAGE, 725 POUND YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE (8-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
COTTON(1)	LINT	LB.	725.00	0.64	464.00	_____
<b>VARIABLE EXPENSES</b>						
SEED	ACID DELINTED	LB.	12.00	0.76	9.12	_____
FUNGICIDE	TERRACLOR SUPER X	LB.	10.00	1.42	14.20	_____
INSECTICIDE(4)						
TEMIK		LB.	3.50	3.09	10.82	_____
PINHEAD SQUARE - 1ST	GUTHION	OZ.	16.00	0.22	3.52	_____
PINHEAD SQUARE - 2ND	VYDATE	OZ.	8.00	0.46	3.68	_____
FERTILIZER	N (AN)	LB.	100.00	0.29	29.00	_____
	P2O5	LB.	60.00	0.26	15.60	_____
	K2O	LB.	60.00	0.12	7.20	_____
BORON		LB.	0.50	3.15	1.58	_____
LIME		TON	0.50	15.60	7.80	_____
HERBICIDE						
BURNDOWN						
	ROUNDUP(LRT)+	QT.	1.00	11.21	11.21	_____
	SURFACTANT	QT.	0.20	2.55	0.51	_____
	GRAMOXONE-EXTRA	PT.	1.00	3.86	3.86	_____
PRE-EMERGE(2)						
	PROWL	QT.	1.50	6.23	9.35	_____
	COTORAN 4L	PT.	1.50	4.10	6.15	_____
POST-EMERGE(3)						
	COTORAN 4L (BANDED)	PT.	1.50	4.10	6.15	_____
	MSMA (DIRECTED)	PT.	2.00	2.05	4.10	_____
	SURFACTANT	QT.	0.20	2.55	0.51	_____
POST-EMERGE(3)						
	BLADEX+	PT.	1.50	3.25	4.88	_____
	MSMA (DIRECTED)	PT.	2.00	2.05	4.10	_____
	SURFACTANT	QT.	0.20	2.55	0.51	_____
GROWTH REGULATOR	PI X	PT.	1.00	11.98	11.98	_____
SCOUTING		ACRE	1.00	4.00	4.00	_____
DEFOLIANT	CUSTOM-AIRPLANE	ACRE	1.00	9.50	9.50	_____
BOLL OPENER (PREP)	CUSTOM-AIRPLANE	ACRE	1.00	10.50	10.50	_____
MACHINERY REPAIR		AC.	1.00	25.68	25.68	_____
MACHINERY FUEL		AC.	1.00	7.35	7.35	_____
OPERATING CAPITAL	6 MONTHS	AC.	222.86	8.00%	8.92	_____
					TOTAL VARIABLE EXPENSES	231.78
					RETURN ABOVE VARIABLE EXPENSES	232.23
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION			1.00	31.60	31.60	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	16.45	16.45	_____
	RETURNS TO LAND, LABOR, MANAGEMENT, AND RISK				184.18	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.63	6.00	9.78	_____
	RETURNS TO LAND, MANAGEMENT, AND RISK				174.40	_____

--- PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. ---

**FOOTNOTES**

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) COTORAN AT RATE OF .8 POUNDS PER ACRE, APPLIED IN 16-INCH BANDS. TREFLAN BROADCAST AND INCORPORATED WITH THE SOIL.
- (3) ONE APPLICATION OF MSMA + SURFACTANT IN 16-INCH BANDS. (DIRECTED).
- (4) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:  
 PAULUS P. SHELBY, ASSOCIATE PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE  
 ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
 SAMUEL C. DANEHOWER, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**CORN - CONVENTIONAL TILLAGE, 120 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (4-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
CORN(1)	GRAIN	BU.	120.00	2.50	300.00	
<b>VARIABLE EXPENSES</b>						
SEED KERNELS(2)	23 THOUSAND SEEDS	BAG	0.29	80.00	23.20	_____
FERTILIZER	N (UREA)	LB.	125.00	0.27	33.75	_____
	P2O5	LB.	50.00	0.26	13.00	_____
	K2O	LB.	50.00	0.12	6.00	_____
LIME	AG LIMESTONE	TON	0.50	15.60	7.80	_____
WEED CONTROL (3)						
BICEP	6#/GAL.	QT.	2.40	8.22	19.73	_____
MACHINERY REPAIR		AC.	1.00	14.98	14.98	_____
MACHINERY FUEL		AC.	1.00	7.77	7.77	_____
OPERATING CAPITAL	6 MONTHS	AC.	126.23	8.00%	5.05	_____
INDEMNITY FUND		BU.	120.00	0.005	0.60	_____
				TOTAL VARIABLE EXPENSES	131.88	_____
				RETURN ABOVE VARIABLE EXPENSES	168.12	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	26.08	26.08	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	11.64	11.64	_____
				RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	130.39	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	2.14	6.00	12.82	_____
				RETURN TO LAND, MANAGEMENT, AND RISK	117.57	_____

--- PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. ---

**FOOTNOTES**

- (1) AN IN-FURROW INSECTICIDE IS NOT INCLUDED.
- (2) ASSUMES A BAG OF 80,000 SEEDS AND A 90% GERMINATION RATE FOR A FINAL STAND COUNT OF 20,700 PLANTS PER ACRE.
- (3) IF JOHNSON GRASS IS A PROBLEM USE ACCENT OR BEACON, WHICH WOULD INCREASE HERBICIDE COSTS. COULD ADD .4 POUNDS ACTIVE INGREDIENTS OF ATRAZINE ON NON HIGHLY ERODIBLE SOILS.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:  
WAYNE T. FLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE  
ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
JIMMY C. CASTELLAW, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**CORN - CONVENTIONAL TILLAGE, 150 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (4-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
CORN(1)	GRAIN	BU.	150.00	2.50	375.00	_____
<b>VARIABLE EXPENSES</b>						
SEED KERNELS(2)	24 THOUSAND SEEDS	BAG	0.30	80.00	24.00	_____
FERTILIZER	N (UREA)	LB.	170.00	0.27	45.90	_____
	P2O5	LB.	70.00	0.26	18.20	_____
	K2O	LB.	70.00	0.12	8.40	_____
LIME	AG LIMESTONE	TON	0.50	15.60	7.80	_____
WEED CONTROL (3)						_____
BICEP	6#/GAL.	QT.	2.40	8.22	19.73	_____
MACHINERY REPAIR		AC.	1.00	14.98	14.98	_____
MACHINERY FUEL		AC.	1.00	7.77	7.77	_____
OPERATING CAPITAL	6 MONTHS	AC.	146.78	8.00%	5.87	_____
INDEMNITY FUND		BU.	150.00	0.005	0.75	_____
					TOTAL VARIABLE EXPENSES	153.40
					RETURN ABOVE VARIABLE EXPENSES	221.60
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	26.08	26.08	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	11.64	11.64	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	183.87
<b>LABOR EXPENSES</b>						
LABOR		HR.	2.14	6.00	12.82	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	171.05

--- PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. ---

**FOOTNOTES**

- (1) AN IN-FURROW INSECTICIDE IS NOT INCLUDED.
- (2) ASSUMES A BAG OF 80,000 SEEDS AND A 90% GERMINATION RATE FOR A FINAL STAND COUNT OF 21,600 PLANTS PER ACRE.
- (3) IF JOHNSON GRASS IS A PROBLEM USE ACCENT OR BEACON, WHICH WOULD INCREASE HERBICIDE COSTS. COULD ADD .4 POUNDS ACTIVE INGREDIENTS OF ATRAZINE ON NON HIGHLY ERODIBLE SOILS.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:  
WAYNE T. FLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE  
ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
JIMMY C. CASTELLAW, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**CORN - CONVENTIONAL TILLAGE, 120 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (8-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
CORN(1)	GRAIN	BU.	120.00	2.50	300.00	_____
<b>VARIABLE EXPENSES</b>						
SEED KERNELS(2)	23 THOUSAND SEEDS	BAG	0.29	80.00	23.20	_____
FERTILIZER	N (UREA)	LB.	125.00	0.27	33.75	_____
	P2O5	LB.	50.00	0.26	13.00	_____
	K2O	LB.	50.00	0.12	6.00	_____
LIME	AG LIMESTONE	TON	0.50	15.60	7.80	_____
WEED CONTROL (3)						_____
BICEP	6#/GAL.	QT.	2.40	8.22	19.73	_____
MACHINERY REPAIR		AC.	1.00	12.91	12.91	_____
MACHINERY FUEL		AC.	1.00	6.75	6.75	_____
OPERATING CAPITAL	6 MONTHS	AC.	123.14	8.00%	4.93	_____
INDEMNITY FUND		BU.	120.00	0.005	0.60	_____
				<b>TOTAL VARIABLE EXPENSES</b>	128.67	_____
				<b>RETURN ABOVE VARIABLE EXPENSES</b>	171.33	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	21.59	21.59	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	9.86	9.86	_____
				<b>RETURN TO LAND, LABOR, MANAGEMENT, AND RISK</b>	139.88	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.28	6.00	7.67	_____
				<b>RETURN TO LAND, MANAGEMENT, AND RISK</b>	132.21	_____

— PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. —

**FOOTNOTES**

(1) AN IN-FURROW INSECTICIDE IS NOT INCLUDED.

(2) ASSUMES A BAG OF 80,000 SEEDS AND A 90% GERMINATION RATE FOR A FINAL STAND COUNT OF 20,700 PLANTS PER ACRE.

(3) IF JOHNSON GRASS IS A PROBLEM USE ACCENT OR BEACON, WHICH WOULD INCREASE HERBICIDE COSTS. COULD ADD .4 POUNDS ACTIVE INGREDIENTS OF ATRAZINE ON NON HIGHLY ERODIBLE SOILS.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:

WAYNE T. FLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:

JIMMY C. CASTELLAW, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**CORN - CONVENTIONAL TILLAGE, 150 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (8-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
CORN(1)	GRAIN	BU.	150.00	2.50	375.00	
<b>VARIABLE EXPENSES</b>						
SEED KERNELS(2)	24 THOUSAND SEEDS	BAG	0.30	80.00	24.00	_____
FERTILIZER	N (UREA)	LB.	170.00	0.27	45.90	_____
	P2O5	LB.	70.00	0.26	18.20	_____
	K2O	LB.	70.00	0.12	8.40	_____
LIME	AG LIMESTONE	TON	0.50	15.60	7.80	_____
WEED CONTROL (3)						
BICEP	6#/GAL.	QT.	2.40	8.22	19.73	_____
MACHINERY REPAIR		AC.	1.00	12.91	12.91	_____
MACHINERY FUEL		AC.	1.00	6.75	6.75	_____
OPERATING CAPITAL	6 MONTHS	AC.	143.69	8.00%	5.75	_____
INDEMNITY FUND		BU.	150.00	0.005	0.75	_____
					TOTAL VARIABLE EXPENSES	150.19
					RETURN ABOVE VARIABLE EXPENSES	224.81
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	21.59	21.59	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	9.86	9.86	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	193.36
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.28	6.00	7.67	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	185.69

-- PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. --

**FOOTNOTES**

- (1) AN IN-FURROW INSECTICIDE IS NOT INCLUDED.
- (2) ASSUMES A BAG OF 80,000 SEEDS AND A 90% GERMINATION RATE FOR A FINAL STAND COUNT OF 21,600 PLANTS PER ACRE.
- (3) IF JOHNSON GRASS IS A PROBLEM USE ACCENT OR BEACON, WHICH WOULD INCREASE HERBICIDE COSTS. COULD ADD .4 POUNDS ACTIVE INGREDIENTS OF ATRAZINE ON NON HIGHLY ERODIBLE SOILS.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:  
WAYNE T. FLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE  
ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
JIMMY C. CASTELLAW, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**CORN - NO TILLAGE, 120 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (4-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
CORN(1)	GRAIN	BU.	120.00	2.50	300.00	
<b>VARIABLE EXPENSES</b>						
SEED KERNELS(2)	23 THOUSAND SEEDS	BAG	0.29	80.00	23.20	_____
FERTILIZER	N (UREA)	LB.	125.00	0.27	33.75	_____
	P2O5	LB.	50.00	0.26	13.00	_____
	K2O	LB.	50.00	0.12	6.00	_____
LIME	AG LIMESTONE	TON	0.50	15.60	7.80	_____
WEED CONTROL (3) BURNDOWN						
	GRAMOXONE EXTRA	PT.	1.50	3.86	5.79	_____
	SURFACTANT (80% ACT.)	QT.	0.20	2.55	0.51	_____
PRE-EMERGE						
	BICEP	QT.	2.4	8.22	19.73	_____
	ATRAZINE	OZ.	5.0	0.09	0.45	_____
MACHINERY REPAIR		AC.	1.00	12.45	12.45	_____
MACHINERY FUEL		AC.	1.00	5.43	5.43	_____
OPERATING CAPITAL	6 MONTHS	AC.	128.11	8.00%	5.12	_____
INDEMNITY FUND		BU.	120.00	0.005	0.60	_____
					TOTAL VARIABLE EXPENSES	133.83
					RETURN ABOVE VARIABLE EXPENSES	166.17
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	22.96	22.96	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	9.53	9.53	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	133.67
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.59	6.00	9.52	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	124.15

— PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. —

**FOOTNOTES**

(1) AN IN-FURROW INSECTICIDE IS NOT INCLUDED.

(2) ASSUMES A BAG OF 80,000 SEEDS AND A 90% GERMINATION RATE FOR A FINAL STAND COUNT OF 20,700 PLANTS PER ACRE.

(3) IF JOHNSON GRASS IS A PROBLEM USE ACCENT OR BEACON, WHICH WOULD INCREASE HERBICIDE COSTS. COULD ADD .4 POUNDS ACTIVE INGREDIENTS OF ATRAZINE ON NON HIGHLY ERODIBLE SOILS.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:

WAYNE T. FLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:

JIMMY C. CASTELLAW, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**CORN - NO TILLAGE, 150 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (4-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
CORN(1)	GRAIN	BU.	150.00	2.50	375.00	
<b>VARIABLE EXPENSES</b>						
SEED KERNELS(2)	24 THOUSAND SEEDS	BAG	0.30	80.00	24.00	_____
FERTILIZER	N (UREA)	LB.	170.00	0.27	45.90	_____
	P2O5	LB.	70.00	0.26	18.20	_____
	K2O	LB.	70.00	0.12	8.40	_____
LIME	AG LIMESTONE	TON	0.50	15.60	7.80	_____
WEED CONTROL (3)						
BURNDOWN						
	GRAMOXONE EXTRA	PT.	1.50	3.86	5.79	_____
	SURFACTANT (80% ACT.)	QT.	0.20	2.55	0.51	_____
PRE-EMERGE						
	BICEP	QT.	2.4	8.22	19.73	_____
	ATRAZINE	OZ.	5.0	0.09	0.45	_____
MACHINERY REPAIR		AC.	1.00	12.45	12.45	_____
MACHINERY FUEL		AC.	1.00	5.43	5.43	_____
OPERATING CAPITAL	6 MONTHS	AC.	148.66	8.00%	5.95	_____
INDEMNITY FUND		BU.	150.00	0.005	0.75	_____
					TOTAL VARIABLE EXPENSES	155.36
					RETURN ABOVE VARIABLE EXPENSES	219.64
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	22.96	22.96	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	9.53	9.53	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	187.14
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.59	6.00	9.52	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	177.62

— PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. —

**FOOTNOTES**

- (1) AN IN-FURROW INSECTICIDE IS NOT INCLUDED.
- (2) ASSUMES A BAG OF 80,000 SEEDS AND A 90% GERMINATION RATE FOR A FINAL STAND COUNT OF 21,600 PLANTS PER ACRE.
- (3) IF JOHNSON GRASS IS A PROBLEM USE ACCENT OR BEACON, WHICH WOULD INCREASE HERBICIDE COSTS. COULD ADD 4 POUNDS ACTIVE INGREDIENTS OF ATRAZINE ON NON HIGHLY ERODIBLE SOILS.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:  
WAYNE T. FLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE  
ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
JIMMY C. CASTELLAW, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**CORN - NO TILLAGE, 120 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (8-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
CORN(1)	GRAIN	BU.	120.00	2.50	300.00	
<b>VARIABLE EXPENSES</b>						
SEED KERNELS(2)	23 THOUSAND SEEDS	BAG	0.29	80.00	23.20	_____
FERTILIZER	N (UREA)	LB.	125.00	0.27	33.75	_____
	P2O5	LB.	50.00	0.26	13.00	_____
	K2O	LB.	50.00	0.12	6.00	_____
LIME	AG LIMESTONE	TON	0.50	15.60	7.80	_____
WEED CONTROL (3)						
BURNDOWN						
	GRAMOXONE EXTRA	PT.	1.50	3.86	5.79	_____
	SURFACTANT (80% ACT.)	QT.	0.20	2.55	0.51	_____
PRE-EMERGE						
	BICEP	QT.	2.4	8.22	19.73	_____
	ATRAZINE	OZ.	5.0	0.09	0.45	_____
MACHINERY REPAIR		AC.	1.00	10.25	10.25	_____
MACHINERY FUEL		AC.	1.00	4.10	4.10	_____
OPERATING CAPITAL	6 MONTHS	AC.	124.58	8.00%	4.98	_____
INDEMNITY FUND		BU.	120.00	0.005	0.60	_____
					TOTAL VARIABLE EXPENSES	130.16
					RETURN ABOVE VARIABLE EXPENSES	169.84
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	18.20	18.20	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	7.55	7.55	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	144.09
<b>LABOR EXPENSES</b>						
LABOR		HR.	0.92	6.00	5.51	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	138.58

-- PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. --

**FOOTNOTES**

- (1) AN IN-FURROW INSECTICIDE IS NOT INCLUDED.
- (2) ASSUMES A BAG OF 80,000 SEEDS AND A 90% GERMINATION RATE FOR A FINAL STAND COUNT OF 20,700 PLANTS PER ACRE.
- (3) IF JOHNSON GRASS IS A PROBLEM USE ACCENT OR BEACON, WHICH WOULD INCREASE HERBICIDE COSTS. COULD ADD .4 POUNDS ACTIVE INGREDIENTS OF ATRAZINE ON NON HIGHLY ERODIBLE SOILS.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:  
WAYNE T. FLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE  
ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
JIMMY C. CASTELLAW, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**CORN - NO TILLAGE, 150 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (8-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
CORN(1)	GRAIN	BU.	150.00	2.50	375.00	_____
<b>VARIABLE EXPENSES</b>						
SEED KERNELS(2)	24 THOUSAND SEEDS	BAG	0.30	80.00	24.00	_____
FERTILIZER	N (UREA)	LB.	170.00	0.27	45.90	_____
	P2O5	LB.	70.00	0.26	18.20	_____
	K2O	LB.	70.00	0.12	8.40	_____
LIME	AG LIMESTONE	TON	0.50	15.60	7.80	_____
WEED CONTROL (3) BURNDOWN						
	GRAMOXONE EXTRA	PT.	1.50	3.86	5.79	_____
	SURFACTANT (80% ACT.)	QT.	0.20	2.55	0.51	_____
PRE-EMERGE						
	BICEP	QT.	2.4	8.22	19.73	_____
	ATRAZINE	OZ.	5.0	0.09	0.45	_____
MACHINERY REPAIR		AC.	1.00	10.25	10.25	_____
MACHINERY FUEL		AC.	1.00	4.10	4.10	_____
OPERATING CAPITAL	6 MONTHS	AC.	145.13	8.00%	5.81	_____
INDEMNITY FUND		BU.	150.00	0.005	0.75	_____
					TOTAL VARIABLE EXPENSES	151.69
					RETURN ABOVE VARIABLE EXPENSES	223.31
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	18.20	18.20	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	7.55	7.55	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	197.56
<b>LABOR EXPENSES</b>						
LABOR		HR.	0.92	6.00	5.51	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	192.05

--- PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. ---

**FOOTNOTES**

(1) AN IN-FURROW INSECTICIDE IS NOT INCLUDED.

(2) ASSUMES A BAG OF 80,000 SEEDS AND A 90% GERMINATION RATE FOR A FINAL STAND COUNT OF 21,600 PLANTS PER ACRE.

(3) IF JOHNSON GRASS IS A PROBLEM USE ACCENT OR BEACON, WHICH WOULD INCREASE HERBICIDE COSTS. COULD ADD 4 POUNDS ACTIVE INGREDIENTS OF ATRAZINE ON NON HIGHLY ERODIBLE SOILS.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:

WAYNE T. FLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:

JIMMY C. CASTELLAW, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**SOYBEANS - CONVENTIONAL TILLAGE - 36" ROWS, 30 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (4-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
SOYBEANS	BEANS	BU.	30.00	6.50	195.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	30.00	-0.033	-0.98	_____
<b>VARIABLE EXPENSES</b>						
SEED	8-10 PLANTS/FT.	LB.	40.00	0.23	9.20	_____
SEED TREATMENT	VITAVAX-M	BU.	0.66	1.90	1.25	_____
FERTILIZER	P2O5	LB.	20.00	0.26	5.20	_____
	K2O	LB.	40.00	0.12	4.80	_____
LIME	3 TONS EVERY 4 YRS.	TON	0.75	15.60	11.70	_____
WEED CONTROL (1) PRE-PLANT						_____
	TREFLAN 4#/GAL.	PT.	1.50	3.80	5.70	_____
POST-EMERGE						_____
	STORM	PT.	1.50	8.50	12.75	_____
MACHINERY REPAIR		AC.	1.00	14.51	14.51	_____
MACHINERY FUEL		AC.	1.00	8.60	8.60	_____
OPERATING CAPITAL	6 MONTHS	AC.	73.71	8.00%	2.95	_____
INDEMNITY FUND		BU.	30.00	0.01	0.30	_____
				TOTAL VARIABLE EXPENSES	76.96	_____
				RETURN ABOVE VARIABLE EXPEN	117.07	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	23.46	23.46	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	11.69	11.69	_____
				RETURNS TO LAND, LABOR, MANAGEMENT, AND RISK	81.91	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	2.37	6.00	14.24	_____
				RETURNS TO LAND, MANAGEMENT, AND RISK	67.67	_____

**FOOTNOTES**

(1) IF JOHNSONGRASS IS A PROBLEM THEN USE FUSILADE, SELECT, OR ASSURE.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:

WAYNE T. FLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:

JIMMY C. CASTELLAW, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**SOYBEANS - CONVENTIONAL TILLAGE - 36" ROWS, 40 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (4-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
SOYBEANS	BEANS	BU.	40.00	6.50	260.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	40.00	-0.033	-1.30	_____
<b>VARIABLE EXPENSES</b>						
SEED	8-10 PLANTS/FT.	LB.	40.00	0.23	9.20	_____
SEED TREATMENT	VITAVAX-M	BU.	0.66	1.90	1.25	_____
FERTILIZER	P2O5	LB.	20.00	0.26	5.20	_____
	K2O	LB.	40.00	0.12	4.80	_____
LIME	3 TONS EVERY 4 YRS.	TON	0.75	15.60	11.70	_____
WEED CONTROL (1) PRE-PLANT						
	TREFLAN 4#/GAL.	PT.	1.50	3.80	5.70	_____
POST-EMERGE						
	STORM	PT.	1.50	8.50	12.75	_____
MACHINERY REPAIR		AC.	1.00	14.51	14.51	_____
MACHINERY FUEL		AC.	1.00	8.60	8.60	_____
OPERATING CAPITAL	6 MONTHS	AC.	73.71	8.00%	2.95	_____
INDEMNITY FUND		BU.	40.00	0.01	0.40	_____
					TOTAL VARIABLE EXPENSES	77.06
					RETURN ABOVE VARIABLE EXPEN	181.64
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	23.46	23.46	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	11.69	11.69	_____
					RETURNS TO LAND, LABOR, MANAGEMENT, AND RISK	146.49
<b>LABOR EXPENSES</b>						
LABOR		HR.	2.37	6.00	14.24	_____
					RETURNS TO LAND, MANAGEMENT, AND RISK	132.25

**FOOTNOTES**

(1) IF JOHNSONGRASS IS A PROBLEM THEN USE FUSILADE, SELECT, OR ASSURE.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:

WAYNE T. FLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:

JIMMY C. CASTELLAW, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**SOYBEANS - CONVENTIONAL TILLAGE - 36" ROWS, 30 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (8-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
SOYBEANS	BEANS	BU.	30.00	6.50	195.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	30.00	-0.033	-0.98	_____
<b>VARIABLE EXPENSES</b>						
SEED	8-10 PLANTS/FT.	LB.	40.00	0.23	9.20	_____
SEED TREATMENT	VITAVAX-M	BU.	0.66	1.90	1.25	_____
FERTILIZER	P2O5	LB.	20.00	0.26	5.20	_____
	K2O	LB.	40.00	0.12	4.80	_____
LIME	3 TONS EVERY 4 YRS.	TON	0.75	15.60	11.70	_____
WEED CONTROL (1) PRE-PLANT						
POST-EMERGE	TREFLAN 4#/GAL.	PT.	1.50	3.80	5.70	_____
	STORM	PT.	1.50	8.50	12.75	_____
MACHINERY REPAIR		AC.	1.00	11.62	11.62	_____
MACHINERY FUEL		AC.	1.00	6.92	6.92	_____
OPERATING CAPITAL	6 MONTHS	AC.	69.14	8.00%	2.77	_____
INDEMNITY FUND		BU.	30.00	0.01	0.30	_____
				TOTAL VARIABLE EXPENSES	72.21	_____
				RETURN ABOVE VARIABLE EXPEN	121.82	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	18.59	18.59	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	9.46	9.46	_____
				RETURNS TO LAND, LABOR, MANAGEMENT, AND RISK	93.77	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.31	6.00	7.84	_____
				RETURNS TO LAND, MANAGEMENT, AND RISK	85.93	_____

**FOOTNOTES**

(1) IF JOHNSONGRASS IS A PROBLEM THEN USE FUSILADE, SELECT, OR ASSURE.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:

WAYNE T. FLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:

JIMMY C. CASTELLAW, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**SOYBEANS - CONVENTIONAL TILLAGE - 36" ROWS, 40 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (8-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
SOYBEANS	BEANS	BU.	40.00	6.50	260.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	40.00	-0.033	-1.30	_____
<b>VARIABLE EXPENSES</b>						
SEED	8-10 PLANTS/FT.	LB.	40.00	0.23	9.20	_____
SEED TREATMENT	VITAVAX-M	BU.	0.66	1.90	1.25	_____
FERTILIZER	P2O5	LB.	20.00	0.26	5.20	_____
	K2O	LB.	40.00	0.12	4.80	_____
LIME	3 TONS EVERY 4 YRS.	TON	0.75	15.60	11.70	_____
WEED CONTROL (1)						
PRE-PLANT						
POST-EMERGE	TREFLAN 4#/GAL.	PT.	1.50	3.80	5.70	_____
	STORM	PT.	1.50	8.50	12.75	_____
MACHINERY REPAIR		AC.	1.00	11.62	11.62	_____
MACHINERY FUEL		AC.	1.00	6.92	6.92	_____
OPERATING CAPITAL	6 MONTHS	AC.	69.14	8.00%	2.77	_____
INDEMNITY FUND		BU.	40.00	0.01	0.40	_____
					TOTAL VARIABLE EXPENSES	72.31
					RETURN ABOVE VARIABLE EXPEN	186.39
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	18.59	18.59	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	9.46	9.46	_____
					RETURNS TO LAND, LABOR, MANAGEMENT, AND RISK	158.34
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.31	6.00	7.84	_____
					RETURNS TO LAND, MANAGEMENT, AND RISK	150.50

**FOOTNOTES**

(1) IF JOHNSONGRASS IS A PROBLEM THEN USE FUSILADE, SELECT, OR ASSURE.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:

WAYNE T. FLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:

JIMMY C. CASTELLAW, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT



**SOYBEANS - NO TILLAGE - 20" ROWS, 40 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (4-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
SOYBEANS	BEANS	BU.	40.00	6.50	260.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	40.00	-0.033	-1.30	_____
<b>VARIABLE EXPENSES (4)</b>						
SEED	6-8 PLANTS/FT.	LB.	50.00	0.23	11.50	_____
SEED TREATMENT	VITAVAX-M	BU.	0.83	1.90	1.58	_____
FERTILIZER	P2O5	LB.	20.00	0.26	5.20	_____
	K2O	LB.	40.00	0.12	4.80	_____
LIME	3 TONS EVERY 4 YRS.	TON	0.75	15.60	11.70	_____
WEED CONTROL (1) (3) PRE-EMERGE (2)						
	GRAMOXONE EXTRA	PT.	1.50	3.86	5.79	_____
	PROWL + SURFACTANT	QT.	1.00	6.23	6.23	_____
		QT.	0.20	2.55	0.51	_____
POST-EMERGE						
	STORM	PT.	1.50	8.50	12.75	_____
MACHINERY REPAIR		AC.	1.00	10.09	10.09	_____
MACHINERY FUEL		AC.	1.00	4.92	4.92	_____
OPERATING CAPITAL	6 MONTHS	AC.	75.07	8.00%	3.00	_____
INDEMNITY FUND		BU.	40.00	0.01	0.40	_____
					<b>TOTAL VARIABLE EXPENSES</b>	<b>78.47</b>
					<b>RETURN ABOVE VARIABLE EXPEN</b>	<b>180.23</b>
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	17.86	17.86	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	8.05	8.05	_____
					<b>RETURNS TO LAND, LABOR, MANAGEMENT, AND RISK</b>	<b>154.32</b>
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.35	6.00	8.09	_____
					<b>RETURNS TO LAND, MANAGEMENT, AND RISK</b>	<b>146.23</b>

**FOOTNOTES**

- (1) WEED CONTROL CHEMICALS SHOULD BE SELECTED FOR SPECIFIC WEED OR GRASS PROBLEMS WHICH ARE PRESENT. USE TWO PINTS OF PARAQUAT FOR HEAVY INFESTATIONS. (GRAMOXONE EXTRA IS A NEW FORMULATION CONTAINING 2.0 LB. ACTIVE INGREDIENT PARAQUAT PER GALLON.)
- (2) SURFACTANT APPLIED AT A RATE OF 2 QTS/100 GALLONS OF WATER NORMALLY COVERS 5 ACRES. IF PLANTED IN HEAVY SOD, USE TWO PINTS OF GRAMOXONE EXTRA. IF MARESTAIL OR RHYZOME JOHNSON GRASS IS A PROBLEM USE ROUNDUP OR BRONCO.
- (3) IF FUSILADE IS USED FOR GRASSES ADD IN APPROPRIATE COST.
- (4) ASSUMES NORMAL CROP ROTATION WITH MINIMUM WEED INFESTATION. A CONTINUOUS SOYBEAN SYSTEM MAY REQUIRE ADDITIONAL COSTS FOR CHEMICAL OR LAND PREPARATION.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:  
WAYNE T. FLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE  
ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
JIMMY C. CASTELLAW, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**SOYBEANS - NO TILLAGE - 20" ROWS, 30 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (8-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
SOYBEANS	BEANS	BU.	30.00	6.50	195.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	30.00	-0.033	-0.98	_____
<b>VARIABLE EXPENSES (4)</b>						
SEED	6-8 PLANTS/FT.	LB.	50.00	0.23	11.50	_____
SEED TREATMENT	VITAVAX-M	BU.	0.83	1.90	1.58	_____
FERTILIZER	P2O5	LB.	20.00	0.26	5.20	_____
	K2O	LB.	40.00	0.12	4.80	_____
LIME	3 TONS EVERY 4 YRS.	TON	0.75	15.60	11.70	_____
WEED CONTROL (1) (3) PRE-EMERGE (2)						
	GRAMOXONE EXTRA	PT.	1.50	3.86	5.79	_____
	PROWL +	QT.	1.00	6.23	6.23	_____
	SURFACTANT	QT.	0.20	2.55	0.51	_____
POST-EMERGE						
	STORM	PT.	1.50	8.50	12.75	_____
MACHINERY REPAIR		AC.	1.00	8.32	8.32	_____
MACHINERY FUEL		AC.	1.00	4.29	4.29	_____
OPERATING CAPITAL	6 MONTHS	AC.	72.67	8.00%	2.91	_____
INDEMNITY FUND		BU.	30.00	0.01	0.30	_____
				TOTAL VARIABLE EXPENSES	75.88	_____
				RETURN ABOVE VARIABLE EXPEN	118.15	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	14.22	14.22	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	6.59	6.59	_____
				RETURNS TO LAND, LABOR, MANAGEMENT, AND RISK	97.34	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	0.82	6.00	4.89	_____
				RETURNS TO LAND, MANAGEMENT, AND RISK	92.45	_____

**FOOTNOTES**

- (1) WEED CONTROL CHEMICALS SHOULD BE SELECTED FOR SPECIFIC WEED OR GRASS PROBLEMS WHICH ARE PRESENT. USE TWO PINTS OF PARAQUAT FOR HEAVY INFESTATIONS. (GRAMOXONE EXTRA IS A NEW FORMULATION CONTAINING 2.0 LB. ACTIVE INGREDIENT PARAQUAT PER GALLON.)
- (2) SURFACTANT APPLIED AT A RATE OF 2 QTS/100 GALLONS OF WATER NORMALLY COVERS 5 ACRES. IF PLANTED IN HEAVY SOD, USE TWO PINTS OF GRAMOXONE EXTRA. IF MARESTAIL OR RHYZOME JOHNSON GRASS IS A PROBLEM USE ROUNDUP OR BRONCO.
- (3) IF FUSILADE IS USED FOR GRASSES ADD IN APPROPRIATE COST.
- (4) ASSUMES NORMAL CROP ROTATION WITH MINIMUM WEED INFESTATION. A CONTINUOUS SOYBEAN SYSTEM MAY REQUIRE ADDITIONAL COSTS FOR CHEMICAL OR LAND PREPARATION.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:  
WAYNE T. FLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE  
ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
JIMMY C. CASTELLAW, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**SOYBEANS - NO TILLAGE - 20" ROWS, 40 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (8-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
SOYBEANS	BEANS	BU.	40.00	6.50	260.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	40.00	-0.033	-1.30	_____
<b>VARIABLE EXPENSES (4)</b>						
SEED	6-8 PLANTS/FT.	LB.	50.00	0.23	11.50	_____
SEED TREATMENT	VITAVAX-M	BU.	0.83	1.90	1.58	_____
FERTILIZER	P2O5	LB.	20.00	0.26	5.20	_____
	K2O	LB.	40.00	0.12	4.80	_____
LIME	3 TONS EVERY 4 YRS.	TON	0.75	15.60	11.70	_____
WEED CONTROL (1) (3) PRE-EMERGE (2)	GRAMOXONE EXTRA	PT.	1.50	3.86	5.79	_____
	PROWL +	QT.	1.00	6.23	6.23	_____
	SURFACTANT	QT.	0.20	2.55	0.51	_____
POST-EMERGE	STORM	PT.	1.50	8.50	12.75	_____
MACHINERY REPAIR		AC.	1.00	8.32	8.32	_____
MACHINERY FUEL		AC.	1.00	4.29	4.29	_____
OPERATING CAPITAL	6 MONTHS	AC.	72.67	8.00%	2.91	_____
INDEMNITY FUND		BU.	40.00	0.01	0.40	_____
				TOTAL VARIABLE EXPENSES	75.98	_____
				RETURN ABOVE VARIABLE EXPEN	182.72	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	14.22	14.22	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	6.59	6.59	_____
	RETURNS TO LAND, LABOR, MANAGEMENT, AND RISK				161.91	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	0.82	6.00	4.89	_____
	RETURNS TO LAND, MANAGEMENT, AND RISK				157.02	_____

**FOOTNOTES**

- (1) WEED CONTROL CHEMICALS SHOULD BE SELECTED FOR SPECIFIC WEED OR GRASS PROBLEMS WHICH ARE PRESENT. USE TWO PINTS OF PARAQUAT FOR HEAVY INFESTATIONS. (GRAMOXONE EXTRA IS A NEW FORMULATION CONTAINING 2.0 LB. ACTIVE INGREDIENT PARAQUAT PER GALLON.)
- (2) SURFACTANT APPLIED AT A RATE OF 2 QTS/100 GALLONS OF WATER NORMALLY COVERS 5 ACRES. IF PLANTED IN HEAVY SOD, USE TWO PINTS OF GRAMOXONE EXTRA. IF MARESTAIL OR RHYZOME JOHNSON GRASS IS A PROBLEM USE ROUNDUP OR BRONCO.
- (3) IF FUSILADE IS USED FOR GRASSES ADD IN APPROPRIATE COST.
- (4) ASSUMES NORMAL CROP ROTATION WITH MINIMUM WEED INFESTATION. A CONTINUOUS SOYBEAN SYSTEM MAY REQUIRE ADDITIONAL COSTS FOR CHEMICAL OR LAND PREPARATION.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:  
WAYNE T. FLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE  
ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
JIMMY C. CASTELLAW, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**WHEAT, 45 BUSHEL YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (4-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
WHEAT(1)	GRAIN	BU.	45.00	3.65	164.25	
<b>VARIABLE EXPENSES</b>						
SEED	TREATED/FUNGICIDE	BU.	1.50	8.25	12.38	_____
FERTILIZER	N (AN)	LB.	80.00	0.29	23.20	_____
	P2O5	LB.	40.00	0.26	10.40	_____
	K2O	LB.	20.00	0.12	2.40	_____
LIME		TON	0.40	15.60	6.24	_____
HERBICIDE	HARMONY-EXTRA	OZ.	0.50	11.65	5.83	_____
FUNGICIDE	TILT	OZ.	4.00	2.62	10.48	_____
MACHINERY REPAIR		AC.	1.00	10.24	10.24	_____
MACHINERY FUEL		AC.	1.00	5.74	5.74	_____
OPERATING CAPITAL	8 MONTHS	AC.	86.91	8.00%	4.64	_____
INDEMNITY FUND		BU.	45.00	0.005	0.23	_____
					TOTAL VARIABLE EXPENSES	91.78
					RETURN ABOVE VARIABLE EXPENSES	72.47
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	18.42	18.42	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	8.38	8.38	_____
					RETURNS	45.66
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.75	6.00	10.49	_____
					RETURNS	35.17

—PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. —

**FOOTNOTES**

(1) IF A MARKET FOR STRAW IS AVAILABLE, ADD AN APPROPRIATE AMOUNT TO RETURNS TO LAND, MANAGEMENT, AND RISK, BASED ON THE EXPECTED YIELD AND PRICE OF THE STRAW, LESS HARVEST AND MARKETING COSTS.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:

PAULUS P. SHELBY, ASSOCIATE PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE  
 ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:

JAMES H. LOOFT, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**WHEAT, 60 BUSHEL YIELD  
ESTIMATED RETURNS AND EXPENSES PER ACRE, (4-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
WHEAT(1)	GRAIN	BU.	60.00	3.65	219.00	
<b>VARIABLE EXPENSES</b>						
SEED	TREATED/FUNGICIDE	BU.	2.00	8.25	16.50	_____
FERTILIZER	N (AN)	LB.	80.00	0.29	23.20	_____
	P2O5	LB.	40.00	0.26	10.40	_____
	K2O	LB.	20.00	0.12	2.40	_____
LIME		TON	0.40	15.60	6.24	_____
HERBICIDE	HARMONY-EXTRA	OZ.	0.50	11.65	5.83	_____
FUNGICIDE	TILT	OZ.	4.00	2.62	10.48	_____
MACHINERY REPAIR		AC.	1.00	10.24	10.24	_____
MACHINERY FUEL		AC.	1.00	5.74	5.74	_____
OPERATING CAPITAL	8 MONTHS	AC.	91.03	8.00%	4.86	_____
INDEMNITY FUND		BU.	60.00	0.005	0.30	_____
				TOTAL VARIABLE EXPENSES	96.19	_____
				RETURN ABOVE VARIABLE EXPENSES	122.81	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	18.42	18.42	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	8.38	8.38	_____
				RETURNS	96.00	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.75	6.00	10.49	_____
				RETURNS	85.51	_____

---PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS.---

**FOOTNOTES**

(1) IF A MARKET FOR STRAW IS AVAILABLE, ADD AN APPROPRIATE AMOUNT TO RETURNS TO LAND, MANAGEMENT, AND RISK, BASED ON THE EXPECTED YIELD AND PRICE OF THE STRAW, LESS HARVEST AND MARKETING COSTS.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:

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ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:

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**WHEAT, 45 BUSHEL YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (8-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
WHEAT(1)	GRAIN	BU.	45.00	3.65	164.25	
<b>VARIABLE EXPENSES</b>						
SEED	TREATED/FUNGICIDE	BU.	1.50	8.25	12.38	_____
FERTILIZER	N (AN)	LB.	80.00	0.29	23.20	_____
	P2O5	LB.	40.00	0.26	10.40	_____
	K2O	LB.	20.00	0.12	2.40	_____
LIME		TON	0.40	15.60	6.24	_____
HERBICIDE	HARMONY-EXTRA	OZ.	0.50	11.65	5.83	_____
FUNGICIDE	TILT	OZ.	4.00	2.62	10.48	_____
MACHINERY REPAIR		AC.	1.00	9.90	9.90	_____
MACHINERY FUEL		AC.	1.00	6.07	6.07	_____
OPERATING CAPITAL	8 MONTHS	AC.	86.90	8.00%	4.64	_____
INDEMNITY FUND		BU.	45.00	0.005	0.23	_____
TOTAL VARIABLE EXPENSES					91.77	_____
RETURN ABOVE VARIABLE EXPENSES					72.48	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	16.11	16.11	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	7.94	7.94	_____
RETURNS					48.43	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.15	6.00	6.88	_____
RETURNS					41.55	_____

---PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. ---

**FOOTNOTES**

(1) IF A MARKET FOR STRAW IS AVAILABLE, ADD AN APPROPRIATE AMOUNT TO RETURNS TO LAND, MANAGEMENT, AND RISK, BASED ON THE EXPECTED YIELD AND PRICE OF THE STRAW, LESS HARVEST AND MARKETING COSTS.

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**WHEAT, 60 BUSHEL YIELD**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (8-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
WHEAT(1)	GRAIN	BU.	60.00	3.65	219.00	
<b>VARIABLE EXPENSES</b>						
SEED	TREATED/FUNGICIDE	BU.	2.00	8.25	16.50	_____
FERTILIZER	N (AN)	LB.	80.00	0.29	23.20	_____
	P2O5	LB.	40.00	0.26	10.40	_____
	K2O	LB.	20.00	0.12	2.40	_____
LIME		TON	0.40	15.60	6.24	_____
HERBICIDE	HARMONY-EXTRA	OZ.	0.50	11.65	5.83	_____
FUNGICIDE	TILT	OZ.	4.00	2.62	10.48	_____
MACHINERY REPAIR		AC.	1.00	9.90	9.90	_____
MACHINERY FUEL		AC.	1.00	6.07	6.07	_____
OPERATING CAPITAL	8 MONTHS	AC.	91.02	8.00%	4.86	_____
INDEMNITY FUND		BU.	60.00	0.005	0.30	_____
					TOTAL VARIABLE EXPENSES	96.18
					RETURN ABOVE VARIABLE EXPENSES	122.82
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	16.11	16.11	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	7.94	7.94	_____
					RETURNS	98.77
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.15	6.00	6.88	_____
					RETURNS	91.89

—PLEASE NOTE: THIS BUDGET DOES NOT INCLUDE GOVERNMENT PROGRAM PAYMENTS OR COSTS. —

**FOOTNOTES**

(1) IF A MARKET FOR STRAW IS AVAILABLE, ADD AN APPROPRIATE AMOUNT TO RETURNS TO LAND, MANAGEMENT, AND RISK, BASED ON THE EXPECTED YIELD AND PRICE OF THE STRAW, LESS HARVEST AND MARKETING COSTS.

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:

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ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:

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**WHEAT - SOYBEANS - NO TILLAGE**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (4-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
WHEAT	GRAIN	BU.	45.00	3.65	164.25	_____
SOYBEANS	BEANS	BU.	30.00	6.50	195.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	30.00	-0.033	-0.98	_____
				<b>TOTAL RE</b>	<b>358.28</b>	
<b>VARIABLE EXPENSES</b>						
SEED, WHEAT	TREATED/FUNGICIDE	BU.	1.50	8.25	12.38	_____
SEED	SOYBEANS	LB.	50.00	0.23	11.50	_____
INOCULATION	VITAVAX M	BU.	0.83	1.90	1.58	_____
FERTILIZER	N(AN)	LB.	80.00	0.29	23.20	_____
	P205	LB.	60.00	0.26	15.60	_____
	K20	LB.	60.00	0.12	7.20	_____
LIME	3 TONS EACH 4 YRS.	TON	0.75	15.60	11.70	_____
WEED CONTROL (1)						
PRE-PLANT						
	GRAMOXONE EXTRA	PT.	1.50	3.86	5.79	_____
	PROWL +	QT.	1.00	6.23	6.23	_____
	SURFACTANT(2)	AC.	0.20	2.55	0.51	_____
POST-EMERGE						
	STORM	PT.	1.50	8.50	12.75	_____
HERBICIDE - WHEAT	HARMONY EXTRA	OZ.	0.50	11.65	5.83	_____
FUNGICIDE - WHEAT	TILT	OZ.	4.00	2.62	10.48	_____
MACHINERY REPAIR		AC.	1.00	20.04	20.04	_____
MACHINERY FUEL		AC.	1.00	10.26	10.26	_____
OPERATING CAPITAL	8 MONTHS	AC.	155.05	8.00%	8.27	_____
INDEMNITY FUND	SOYBEANS	BU.	30.00	0.01	0.30	_____
INDEMNITY FUND	WHEAT	BU.	45.00	0.005	0.23	_____
				<b>TOTAL VARIABLE EXPENSES</b>	<b>163.85</b>	
				<b>RETURN ABOVE VARIABLE EXPENSES</b>	<b>194.43</b>	
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	36.33	36.33	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	16.36	16.36	_____
				<b>RETURNS</b>	<b>141.73</b>	
<b>LABOR EXPENSES</b>						
LABOR		HR.	3.08	6.00	18.50	_____
				<b>RETURNS</b>	<b>123.23</b>	

**FOOTNOTES**

(1) WEED CONTROL CHEMICALS SHOULD BE SELECTED FOR SPECIFIC WEED OR GRASS PROBLEMS WHICH ARE PRESENT. HARMONY EXTRA MAY BE NEEDED FOR WILD GARLIC CONTROL. RATES ARE FOR MEDIUM TEXTURE SOILS - USE LOWER RATES FOR SANDY SOILS AND HIGHER RATES FOR FINE TEXTURED OR CLAY SOILS - CHECK LABELS.

(2) APPLIED AT A RATE OF 2 QTS/100 GALLONS OF WATER. THIS NORMALLY COVERS 5 ACRES.

**PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:**

WAYNE T. FLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE  
 PAULUS P. SHELBY, ASSOCIATE PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE  
 ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:  
 JIMMY C. CASTELLAW, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT  
 JAMES H. LOOFT, ASSOCIATE AREA SPECIALIST, FARM MANAGEMENT

**WHEAT - SOYBEANS - NO TILLAGE**  
**ESTIMATED RETURNS AND EXPENSES PER ACRE, (8-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
<b>REVENUE</b>						
WHEAT	GRAIN	BU.	45.00	3.65	164.25	_____
SOYBEANS	BEANS	BU.	30.00	6.50	195.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	30.00	-0.033	-0.98	_____
<b>TOTAL RE</b>					<b>358.28</b>	
<b>VARIABLE EXPENSES</b>						
SEED, WHEAT	TREATED/FUNGICIDE	BU.	1.50	8.25	12.38	_____
SEED	SOYBEANS	LB.	50.00	0.23	11.50	_____
INOCULATION	VITAVAX M	BU.	0.83	1.90	1.58	_____
FERTILIZER	N(AN)	LB.	80.00	0.29	23.20	_____
	P205	LB.	60.00	0.26	15.60	_____
	K20	LB.	60.00	0.12	7.20	_____
LIME	3 TONS EACH 4 YRS.	TON	0.75	15.60	11.70	_____
WEED CONTROL (1)						
PRE-PLANT						
	GRAMOXONE EXTRA	PT.	1.50	3.86	5.79	_____
	PROWL +	QT.	1.00	6.23	6.23	_____
	SURFACTANT(2)	AC.	0.20	2.55	0.51	_____
POST-EMERGE						
	STORM	PT.	1.50	8.50	12.75	_____
HERBICIDE - WHEAT	HARMONY EXTRA	OZ.	0.50	11.65	5.83	_____
FUNGICIDE - WHEAT	TILT	OZ.	4.00	2.62	10.48	_____
MACHINERY REPAIR		AC.	1.00	17.88	17.88	_____
MACHINERY FUEL		AC.	1.00	9.57	9.57	_____
OPERATING CAPITAL	8 MONTHS	AC.	152.20	8.00%	8.12	_____
INDEMNITY FUND	SOYBEANS	BU.	30.00	0.01	0.30	_____
INDEMNITY FUND	WHEAT	BU.	45.00	0.005	0.23	_____
<b>TOTAL VARIABLE EXPENSES</b>					<b>160.85</b>	
<b>RETURN ABOVE VARIABLE EXPENSES</b>					<b>197.43</b>	
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	30.33	30.33	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	14.46	14.46	_____
<b>RETURNS</b>					<b>152.64</b>	
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.82	6.00	10.90	_____
<b>RETURNS</b>					<b>141.74</b>	

**FOOTNOTES**

(1) WEED CONTROL CHEMICALS SHOULD BE SELECTED FOR SPECIFIC WEED OR GRASS PROBLEMS WHICH ARE PRESENT. HARMONY EXTRA MAY BE NEEDED FOR WILD GARLIC CONTROL. RATES ARE FOR MEDIUM TEXTURE SOILS - USE LOWER RATES FOR SANDY SOILS AND HIGHER RATES FOR FINE TEXTURED OR CLAY SOILS - CHECK LABELS.

(2) APPLIED AT A RATE OF 2 QTS/100 GALLONS OF WATER. THIS NORMALLY COVERS 5 ACRES.

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