

AGRICULTURAL EXTENSION SERVICE

THE UNIVERSITY OF TENNESSEE INSTITUTE OF AGRICULTURE



AE & RD #30

**FIELD CROP
BUDGETS
FOR 1998**

Agricultural Economics and Resource Development

Agricultural Extension Service

University of Tennessee

January 1998

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

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
REVENUE						
COTTON(1)	LINT	LB.	500.00	0.65	325.00	_____
VARIABLE EXPENSES						
SEED	ACID DELINTED	LB.	12.00	0.84	10.08	_____
FUNGICIDE	TERRACLOR SUPER X	LB.	10.00	2.14	21.40	_____
INSECTICIDE(2)						
TEMIK		LB.	3.50	3.10	10.85	_____
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.	60.00	0.26	15.60	_____
	P2O5	LB.	60.00	0.27	16.20	_____
	K2O	LB.	60.00	0.12	7.20	_____
BORON		LB.	0.50	3.15	1.58	_____
LIME		TON	0.50	18.00	9.00	_____
HERBICIDE						
PRE-EMERGE(3)						
	TREFLAN E.C.	PT.	1.50	3.60	5.40	_____
	COTORAN (BAND) 4L	PT.	1.50	4.60	6.90	_____
POST-EMERGE						
	STAPLE(4)	OZ.	0.51	21.21	10.72	_____
	SURFACTANT	QT.	0.08	3.00	0.25	_____
	BLADEX +	PT.	1.50	3.33	5.00	_____
	MSMA (DIRECTED)	PT.	2.00	1.93	3.86	_____
	SURFACTANT	QT.	0.20	3.00	0.60	_____
GROWTH REGULATOR	PI X	PT.	1.00	11.24	11.24	_____
SCOUTING		ACRE	1.00	4.00	4.00	_____
DEFOLIANT	DEFOLIANT	OZ.	16.00	0.30	4.80	_____
BOLL OPENER	PREP	OZ.	16.00	0.37	5.92	_____
CUSTOM APPLICATION	AIRPLANE	ACRE	1.00	3.50	3.50	_____
MACHINERY REPAIR		AC.	1.00	29.31	29.31	_____
MACHINERY FUEL		AC.	1.00	10.62	10.62	_____
OPERATING CAPITAL	6 MONTHS	AC.	201.23	9.00%	9.06	_____
					TOTAL VARIABLE EXPENSES	210.29
					RETURN ABOVE VARIABLE EXPENSES	114.72
MACHINERY EXPENSES						
MACHINERY DEPRECIATION			1.00	35.65	35.65	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	20.83	20.83	_____
	RETURN TO LAND, LABOR, MANAGEMENT, AND RISK				58.24	_____
LABOR EXPENSES						
LABOR		HR.	2.09	6.25	13.06	_____
	RETURN TO LAND, MANAGEMENT, AND RISK				45.18	_____

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

FOOTNOTES

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.
- (3) COTORAN AT RATE OF .8 POUNDS PER ACRE, APPLIED IN 16-INCH BANDS. TREFLAN BROADCAST AND INCORPORATED WITH THE SOIL.
- (4) ONE APPLICATION OF STAPLE (1.2 OZ.) + SURFACTANT IN 16-INCH BANDS. (DIRECTED).

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

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

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
REVENUE						
COTTON(1)	LINT	LB.	725.00	0.65	471.25	_____
VARIABLE EXPENSES						
SEED	ACID DELINTED	LB.	12.00	0.84	10.08	_____
FUNGICIDE	TERRACLOR SUPER X	LB.	10.00	2.14	21.40	_____
INSECTICIDE(2)						
TEMIK		LB.	3.50	3.10	10.85	_____
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	0.26	20.80	_____
	P2O5	LB.	60.00	0.27	16.20	_____
	K2O	LB.	60.00	0.12	7.20	_____
BORON		LB.	0.50	3.15	1.58	_____
LIME		TON	0.50	18.00	9.00	_____
HERBICIDE						
PRE-EMERGE(3)						
	TREFLAN E.C.	PT.	1.50	3.60	5.40	_____
	COTORAN (BAND) 4L	PT.	1.50	4.60	6.90	_____
POST-EMERGE						
	STAPLE(4)	OZ.	0.51	21.21	10.72	_____
	SURFACTANT	QT.	0.08	3.00	0.25	_____
	BLADEX +	PT.	1.50	3.33	5.00	_____
	MSMA (DIRECTED)	PT.	2.00	1.93	3.86	_____
	SURFACTANT	QT.	0.20	3.00	0.60	_____
GROWTH REGULATOR						
SCOUTING	PI X	PT.	1.00	11.24	11.24	_____
DEFOLIANT	DEFOLIANT	ACRE	1.00	4.00	4.00	_____
BOLL OPENER	PREP	OZ.	16.00	0.30	4.80	_____
CUSTOM APPLICATION	PREP	OZ.	16.00	0.37	5.92	_____
MACHINERY REPAIR	AIRPLANE	ACRE	1.00	3.50	3.50	_____
MACHINERY FUEL		AC.	1.00	29.31	29.31	_____
OPERATING CAPITAL		AC.	1.00	10.62	10.62	_____
	6 MONTHS	AC.	206.43	9.00%	9.29	_____
					TOTAL VARIABLE EXPENSES	215.72
					RETURN ABOVE VARIABLE EXPENSES	255.53
MACHINERY EXPENSES						
MACHINERY DEPRECIATION			1.00	35.65	35.65	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	20.83	20.83	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	199.05
LABOR EXPENSES						
LABOR		HR.	2.09	6.25	13.06	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	185.99

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

FOOTNOTES

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.
- (3) COTORAN AT RATE OF .8 POUNDS PER ACRE, APPLIED IN 16-INCH BANDS.
TREFLAN BROADCAST AND INCORPORATED WITH THE SOIL.
- (4) ONE APPLICATION OF STAPLE (1.2 OZ.) + SURFACTANT IN 16-INCH BANDS. (DIRECTED).

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

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

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
REVENUE						
COTTON(1)	LINT	LB.	725.00	0.65	471.25	_____
VARIABLE EXPENSES						
SEED	ACID DELINTED	LB.	12.00	0.84	10.08	_____
FUNGICIDE	TERRACLOR SUPER X	LB.	10.00	2.14	21.40	_____
INSECTICIDE(2)						
TEMIK		LB.	3.50	3.10	10.85	_____
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	0.30	24.00	_____
	P2O5	LB.	60.00	0.27	16.20	_____
	K2O	LB.	60.00	0.12	7.20	_____
BORON		LB.	0.50	3.15	1.58	_____
LIME		TON	0.50	18.00	9.00	_____
HERBICIDE						
BURNDOWN	ROUNDUP ULTRA	QT.	1.00	11.7	11.70	_____
PRE-EMERGE(3)						
	GRAMOXONE-EXTRA	PT.	1.00	4.03	4.03	_____
	SURFACTANT	QT.	0.20	3.00	0.60	_____
	PROWL	QT.	1.50	6.18	9.27	_____
	COTORAN 4L	PT.	1.50	4.60	6.90	_____
POST-EMERGE						
	STAPLE(4)	OZ.	0.51	21.21	10.72	_____
	SURFACTANT	QT.	0.08	3.00	0.25	_____
	BLADDEX+	PT.	1.50	3.33	5.00	_____
	MSMA (DIRECTED)	PT.	2.00	1.93	3.86	_____
	SURFACTANT	QT.	0.20	3.00	0.60	_____
GROWTH REGULATOR	PI X	PT.	1.00	11.24	11.24	_____
SCOUTING		ACRE	1.00	4.00	4.00	_____
DEFOLIANT	DEFOLIANT	OZ.	16.00	0.30	4.80	_____
BOLL OPENER	PREP	OZ.	16.00	0.37	5.92	_____
CUSTOM APPLICATION	AIRPLANE	ACRE	1.00	3.50	3.50	_____
MACHINERY REPAIR		AC.	1.00	25.39	25.39	_____
MACHINERY FUEL		AC.	1.00	6.35	6.35	_____
OPERATING CAPITAL	6 MONTHS	AC.	221.64	9.00%	9.98	_____
				TOTAL VARIABLE EXPENSES	231.62	_____
				RETURN ABOVE VARIABLE EXPENSES	239.64	_____
MACHINERY EXPENSES						
MACHINERY DEPRECIATION			1.00	31.67	31.67	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	17.96	17.96	_____
				RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	190.01	_____
LABOR EXPENSES						
LABOR		HR.	1.58	6.25	9.88	_____
				RETURN TO LAND, MANAGEMENT, AND RISK	180.13	_____

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

FOOTNOTES

- (1) MOST ARRANGEMENTS INVOLVE TRADING SEED FOR GINNING COSTS.
- (2) ADDITIONAL SPRAYS MAY BE NECESSARY FOR SPECIFIC INSECTS.
- (3) COTORAN AT RATE OF .8 POUNDS PER ACRE, APPLIED IN 16-INCH BANDS. TREFLAN BROADCAST AND INCORPORATED WITH THE SOIL.
- (4) ONE APPLICATION OF STAPLE (1.2OZ.) + SURFACTANT IN 16-INCH BANDS (DIRECTED).

PRODUCTION INFORMATION FOR THIS BUDGET APPROVED BY:
 PAULUS P. SHELBY, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE
 ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:
 SAMUEL C. DANEHOWER, 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
REVENUE						
CORN(1)	GRAIN	BU.	120.00	2.50	300.00	
VARIABLE EXPENSES						
SEED KERNELS(2)	24 THOUSAND SEEDS	BAG	0.30	82.00	24.60	_____
FERTILIZER	N (UREA)	LB.	125.00	0.26	32.50	_____
	P2O5	LB.	50.00	0.27	13.50	_____
	K2O	LB.	50.00	0.12	6.00	_____
LIME	AG LIMESTONE	TON	0.60	18.00	10.80	_____
WEED CONTROL(3)						
BICEP II	6#/GAL.	QT.	2.40	8.00	19.20	_____
MACHINERY REPAIR		AC.	1.00	12.10	12.10	_____
MACHINERY FUEL		AC.	1.00	5.91	5.91	_____
OPERATING CAPITAL	6 MONTHS	AC.	124.61	9.00%	5.61	_____
INDEMNITY FUND		BU.	120.00	0.005	0.60	_____
					TOTAL VARIABLE EXPENSES	130.82
					RETURN ABOVE VARIABLE EXPENSES	169.18
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	20.68	20.68	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	10.21	10.21	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	138.29
LABOR EXPENSES						
LABOR		HR.	1.12	6.25	7.01	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	131.28

— 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 OR IF THERE IS AT LEAST 30% RESIDUE COVERAGE AT PLANTING.

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, 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
REVENUE						
CORN(1)	GRAIN	BU.	150.00	2.50	375.00	
VARIABLE EXPENSES						
SEED KERNELS(2)	26 THOUSAND SEEDS	BAG	0.325	82.00	26.65	_____
FERTILIZER	N (UREA)	LB.	170.00	0.26	44.20	_____
	P2O5	LB.	70.00	0.27	18.90	_____
	K2O	LB.	70.00	0.12	8.40	_____
LIME	AG LIMESTONE	TON	0.75	18.00	13.50	_____
WEED CONTROL(3)						
BICEP II	6#/GAL.	QT.	2.40	8.00	19.20	_____
MACHINERY REPAIR		AC.	1.00	12.10	12.10	_____
MACHINERY FUEL		AC.	1.00	5.91	5.91	_____
OPERATING CAPITAL	6 MONTHS	AC.	148.86	9.00%	6.70	_____
INDEMNITY FUND		BU.	150.00	0.005	0.75	_____
					TOTAL VARIABLE EXPENSES	156.31
					RETURN ABOVE VARIABLE EXPENSES	218.69
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	20.68	20.68	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	10.21	10.21	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	187.80
LABOR EXPENSES						
LABOR		HR.	1.12	6.25	7.01	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	180.79

-- 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 23,400 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 OR IF THERE IS AT LEAST 30% RESIDUE COVERAGE AT PLANTING.

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, 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
REVENUE						
CORN(1)	GRAIN	BU.	120.00	2.50	300.00	_____
VARIABLE EXPENSES						
SEED KERNELS(2)	24 THOUSAND SEEDS	BAG	0.30	82.00	24.60	_____
FERTILIZER	N (UREA)	LB.	125.00	0.26	32.50	_____
	P2O5	LB.	50.00	0.27	13.50	_____
	K2O	LB.	50.00	0.12	6.00	_____
LIME	AG LIMESTONE	TON	0.60	18.00	10.80	_____
WEED CONTROL(3)						
BURNDOWN	GRAMOXONE EXTRA	PT.	1.50	4.03	6.05	_____
	SURFACTANT (80% ACT.)	QT.	0.20	3.00	0.60	_____
PRE-EMERGE						
	BICEP II	QT.	2.40	8	19.20	_____
	ATRAZINE	OZ.	12.80	0.09	1.16	_____
MACHINERY REPAIR		AC.	1.00	10.23	10.23	_____
MACHINERY FUEL		AC.	1.00	3.81	3.81	_____
OPERATING CAPITAL	6 MONTHS	AC.	128.45	9.00%	5.78	_____
INDEMNITY FUND		BU.	120.00	0.005	0.60	_____
					TOTAL VARIABLE EXPENSES	134.83
					RETURN ABOVE VARIABLE EXPENSES	165.18
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	18.65	18.65	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	8.57	8.57	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	137.96
LABOR EXPENSES						
LABOR		HR.	0.84	6.25	5.23	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	132.73

— 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.

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, 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
REVENUE						
CORN(1)	GRAIN	BU.	150.00	2.50	375.00	
VARIABLE EXPENSES						
SEED KERNELS(2)	26 THOUSAND SEEDS	BAG	0.325	82.00	26.65	_____
FERTILIZER	N (UREA)	LB.	170.00	0.26	44.20	_____
	P2O5	LB.	70.00	0.27	18.90	_____
	K2O	LB.	70.00	0.12	8.40	_____
LIME	AG LIMESTONE	TON	0.75	18.00	13.50	_____
WEED CONTROL(3)						
BURNDOWN						
	GRAMOXONE EXTRA	PT.	1.50	4.03	6.05	_____
	SURFACTANT (80% ACT.)	QT.	0.20	3.00	0.60	_____
PRE-EMERGE						
	BICEP II	QT.	2.40	8	19.20	_____
	ATRAZINE	OZ.	12.80	0.09	1.16	_____
MACHINERY REPAIR		AC.	1.00	10.23	10.23	_____
MACHINERY FUEL		AC.	1.00	3.81	3.81	_____
OPERATING CAPITAL	6 MONTHS	AC.	152.70	9.00%	6.87	_____
INDEMNITY FUND		BU.	150.00	0.005	0.75	_____
					TOTAL VARIABLE EXPENSES	160.32
					RETURN ABOVE VARIABLE EXPENSES	214.69
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	18.65	18.65	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	8.57	8.57	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	187.47
LABOR EXPENSES						
LABOR		HR.	0.84	6.25	5.23	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	182.24

— 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.

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, 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
REVENUE						
SOYBEANS	BEANS	BU.	30.00	6.20	186.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	30.00	-0.031	-0.93	_____
VARIABLE EXPENSES (4)						
SEED	6-8 PLANTS/FT.	LB.	50.00	0.23	11.50	_____
SEED TREATMENT	VITAVAX-M	BU.	0.83	2.62	2.17	_____
FERTILIZER	P2O5	LB.	20.00	0.27	5.40	_____
	K2O	LB.	40.00	0.12	4.80	_____
LIME	2 TONS EVERY 4 YRS.	TON	0.50	18.00	9.00	_____
WEED CONTROL (1) (3)						
PRE-EMERGE (2)	GRAMOXONE EXTRA	PT.	1.50	4.03	6.05	_____
	PROWL +	QT.	1.00	6.18	6.18	_____
	SURFACTANT	QT.	0.20	3.00	0.60	_____
	CANOPY	OZ.	4.00	2.36	9.44	_____
POST-EMERGE	STORM	PT.	1.50	8.59	12.89	_____
MACHINERY REPAIR		AC.	1.00	8.54	8.54	_____
MACHINERY FUEL		AC.	1.00	4.29	4.29	_____
OPERATING CAPITAL	6 MONTHS	AC.	80.86	9.00%	3.64	_____
INDEMNITY FUND		BU.	30.00	0.01	0.30	_____
					TOTAL VARIABLE EXPENSES	84.80
					RETURN ABOVE VARIABLE EXPENSES	100.27
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	14.85	14.85	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	7.68	7.68	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	77.74
LABOR EXPENSES						
LABOR		HR.	0.82	6.25	5.10	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	72.64

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 ULTRA OR TOUCHDOWN.
- (3) IF FUSILADE DX 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, 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
REVENUE						
SOYBEANS	BEANS	BU.	40.00	6.20	248.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	40.00	-0.031	-1.24	_____
VARIABLE EXPENSES (4)						
SEED	6-8 PLANTS/FT.	LB.	50.00	0.23	11.50	_____
SEED TREATMENT	VITAVAX-M	BU.	0.83	2.62	2.17	_____
FERTILIZER	P2O5	LB.	20.00	0.27	5.40	_____
	K2O	LB.	40.00	0.12	4.80	_____
LIME	2 TONS EVERY 4 YRS.	TON	0.50	18.00	9.00	_____
WEED CONTROL (1) (3) PRE-EMERGE (2)	GRAMOXONE EXTRA	PT.	1.50	4.03	6.05	_____
	PROWL + SURFACTANT	QT.	1.00	6.18	6.18	_____
	CANOPY	OZ.	0.20	3.00	0.60	_____
			4.00	2.36	9.44	_____
POST-EMERGE	STORM	PT.	1.50	8.59	12.89	_____
MACHINERY REPAIR		AC.	1.00	8.54	8.54	_____
MACHINERY FUEL		AC.	1.00	4.29	4.29	_____
OPERATING CAPITAL	6 MONTHS	AC.	80.86	9.00%	3.64	_____
INDEMNITY FUND		BU.	40.00	0.01	0.40	_____
					TOTAL VARIABLE EXPENSES	84.90
					RETURN ABOVE VARIABLE EXPENSES	161.86
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	14.85	14.85	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	7.68	7.68	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	139.33
LABOR EXPENSES						
LABOR		HR.	0.82	6.25	5.10	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	134.23

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 ULTRA OR TOUCHDOWN.
- (3) IF FUSILADE DX 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, AREA SPECIALIST, FARM MANAGEMENT

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

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
REVENUE						
WHEAT(1)	GRAIN	BU.	45.00	3.25	146.25	
VARIABLE EXPENSES						
SEED	TREATED/FUNGICIDE	BU.	1.50	10.00	15.00	_____
FERTILIZER	N (AN)	LB.	80.00	0.30	24.00	_____
	P2O5	LB.	40.00	0.27	10.80	_____
	K2O	LB.	20.00	0.12	2.40	_____
LIME		TON	0.40	18.00	7.20	_____
HERBICIDE	HARMONY-EXTRA	OZ.	0.50	11.65	5.83	_____
FUNGICIDE	TILT	OZ.	4.00	2.62	10.48	_____
MACHINERY REPAIR		AC.	1.00	10.53	10.53	_____
MACHINERY FUEL		AC.	1.00	5.96	5.96	_____
OPERATING CAPITAL	8 MONTHS	AC.	92.20	9.00%	5.53	_____
INDEMNITY FUND		BU.	45.00	0.005	0.23	_____
					TOTAL VARIABLE EXPENSES	97.96
					RETURN ABOVE VARIABLE EXPENSES	48.29
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	17.31	17.31	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	9.59	9.59	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	21.39
LABOR EXPENSES						
LABOR		HR.	1.13	6.25	7.05	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	14.34

—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, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE
 ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:
 JAMES H. LOOFT, AREA SPECIALIST, FARM MANAGEMENT

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

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
REVENUE						
WHEAT(1)	GRAIN	BU.	60.00	3.25	195.00	
VARIABLE EXPENSES						
SEED	TREATED/FUNGICIDE	BU.	2.00	10.00	20.00	_____
FERTILIZER	N (AN)	LB.	80.00	0.30	24.00	_____
	P2O5	LB.	40.00	0.27	10.80	_____
	K2O	LB.	20.00	0.12	2.40	_____
LIME		TON	0.40	18.00	7.20	_____
HERBICIDE	HARMONY-EXTRA	OZ.	0.50	11.65	5.83	_____
FUNGICIDE	TILT	OZ.	4.00	2.62	10.48	_____
MACHINERY REPAIR		AC.	1.00	10.53	10.53	_____
MACHINERY FUEL		AC.	1.00	5.96	5.96	_____
OPERATING CAPITAL	8 MONTHS	AC.	97.20	9.00%	5.83	_____
INDEMNITY FUND		BU.	60.00	0.005	<u>0.30</u>	_____
				TOTAL VARIABLE EXPENSES	103.33	_____
				RETURN ABOVE VARIABLE EXPENSES	91.67	_____
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	17.31	17.31	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	9.59	<u>9.59</u>	_____
				RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	64.77	_____
LABOR EXPENSES						
LABOR		HR.	1.13	6.25	<u>7.05</u>	_____
				RETURN TO LAND, MANAGEMENT, AND RISK	57.72	_____

---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, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE
 ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:
 JAMES H. LOOFT, 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
REVENUE						
WHEAT	GRAIN	BU.	45.00	3.25	146.25	_____
SOYBEANS	BEANS	BU.	30.00	6.20	186.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	30.00	-0.031	-0.93	_____
TOTAL REVENUE					331.32	_____
VARIABLE EXPENSES						
SEED, WHEAT	TREATED/FUNGICIDE	BU.	1.50	10.00	15.00	_____
SEED	SOYBEANS	LB.	50.00	0.23	11.50	_____
SEED TREATMENT	VITAVAX M	BU.	0.83	2.62	2.17	_____
FERTILIZER	N(AN)	LB.	80.00	0.30	24.00	_____
	P205	LB.	60.00	0.27	16.20	_____
	K20	LB.	60.00	0.12	7.20	_____
LIME	3 TONS EACH 4 YRS.	TON	0.75	18.00	13.50	_____
WEED CONTROL(1) PRE-PLANT						_____
	GRAMOXONE EXTRA	PT.	1.50	4.03	6.05	_____
	PROWL +	QT.	1.00	6.18	6.18	_____
	SURFACTANT(2)	AC.	0.20	3.00	0.60	_____
POST-EMERGE						_____
	STORM	PT.	1.50	8.59	12.89	_____
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	18.66	18.66	_____
MACHINERY FUEL		AC.	1.00	9.47	9.47	_____
OPERATING CAPITAL	8 MONTHS	AC.	159.73	9.00%	9.59	_____
INDEMNITY FUND	SOYBEANS	BU.	30.00	0.01	0.30	_____
INDEMNITY FUND	WHEAT	BU.	45.00	0.005	0.23	_____
TOTAL VARIABLE EXPENSES					169.85	_____
RETURN ABOVE VARIABLE EXPENSES					161.47	_____
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	32.01	32.01	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	17.08	17.08	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					112.38	_____
LABOR EXPENSES						
LABOR		HR.	1.80	6.25	11.24	_____
RETURN TO LAND, MANAGEMENT, AND RISK					101.14	_____

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

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
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