

AGRICULTURAL EXTENSION SERVICE



THE UNIVERSITY OF TENNESSEE INSTITUTE OF AGRICULTURE

AE 01- 43

**FIELD CROP
BUDGETS
FOR 2001**

Agricultural Economics

Agricultural Extension Service

University of Tennessee

January 2001

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COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

The University of Tennessee Institute of Agriculture, U.S. Department of Agriculture and county governments cooperating in furtherance of Acts of May 8 and June 30, 1914.

Agricultural Extension Service, Charles L. Norman, Dean

**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	2.00	240.00	
VARIABLE EXPENSES						
SEED KERNELS(2)	24 THOUSAND SEEDS	BAG	0.30	82.00	24.60	
FERTILIZER	N (UREA)	LB.	125.00	0.21	26.25	
	P2O5	LB.	50.00	0.16	8.00	
	K2O	LB.	50.00	0.12	6.00	
LIME	AG LIMESTONE	TON	0.60	19.00	11.40	
WEED CONTROL(3)						
BICEP II MAGNUM	5.5#/GAL.	QT.	2.10	9.22	19.36	
MACHINERY REPAIR		AC.	1.00	13.00	13.00	
MACHINERY FUEL		AC.	1.00	8.50	8.50	
OPERATING CAPITAL	6 MONTHS	AC.	117.11	9.00%	5.27	
INDEMNITY FUND		BU.	120.00	0.005	0.60	
					TOTAL VARIABLE EXPENSES	122.98
					RETURN ABOVE VARIABLE EXPENSES	117.02
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	22.04	22.04	
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	11.19	11.19	
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	83.79
LABOR EXPENSES						
LABOR		HR.	1.12	7.75	8.70	
					RETURN TO LAND, MANAGEMENT, AND RISK	75.09

-- 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 .37 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, 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	2.00	300.00	
VARIABLE EXPENSES						
SEED KERNELS(2)	26 THOUSAND SEEDS	BAG	0.325	82.00	26.65	
FERTILIZER	N (UREA)	LB.	170.00	0.21	35.70	
	P2O5	LB.	70.00	0.16	11.20	
	K2O	LB.	70.00	0.12	8.40	
LIME	AG LIMESTONE	TON	0.75	19.00	14.25	
WEED CONTROL(3)						
BICEP II MAGNUM	5.5#/GAL.	QT.	2.10	9.22	19.36	
MACHINERY REPAIR		AC.	1.00	13.00	13.00	
MACHINERY FUEL		AC.	1.00	8.50	8.50	
OPERATING CAPITAL	6 MONTHS	AC.	137.06	9.00%	6.17	
INDEMNITY FUND		BU.	150.00	0.005	0.75	
				TOTAL VARIABLE EXPENSES	143.98	
				RETURN ABOVE VARIABLE EXPENSES	156.02	
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	22.04	22.04	
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	11.19	11.19	
				RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	122.79	
LABOR EXPENSES						
LABOR		HR.	1.12	7.75	8.70	
				RETURN TO LAND, MANAGEMENT, AND RISK	114.09	

-- 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 .37 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, 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	2.00	240.00	
VARIABLE EXPENSES						
SEED KERNELS(2)	24 THOUSAND SEEDS	BAG	0.30	82.00	24.60	
FERTILIZER	N (UREA)	LB.	125.00	0.21	26.25	
	P2O5	LB.	50.00	0.16	8.00	
	K2O	LB.	50.00	0.12	6.00	
LIME	AG LIMESTONE	TON	0.60	19.00	11.40	
WEED CONTROL(3) BURNDOWN						
	GRAMOXONE EXTRA	PT.	1.50	3.56	5.34	
	SURFACTANT (80% ACT.)	QT.	0.20	2.35	0.47	
PRE-EMERGE						
	BICEP II MAGNUM	QT.	2.10	9.22	19.36	
	ATRAZINE	OZ.	5.92	0.08	0.47	
MACHINERY REPAIR		AC.	1.00	10.60	10.60	
MACHINERY FUEL		AC.	1.00	5.48	5.48	
OPERATING CAPITAL	6 MONTHS	AC.	117.98	9.00%	5.31	
INDEMNITY FUND		BU.	120.00	0.005	0.60	
				TOTAL VARIABLE EXPENSES	123.89	
				RETURN ABOVE VARIABLE EXPENSES	116.11	
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	19.43	19.43	
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	9.10	9.10	
				RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	87.58	
LABOR EXPENSES						
LABOR		HR.	0.84	7.75	6.49	
				RETURN TO LAND, MANAGEMENT, AND RISK	81.09	

--- 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. BLINCHUM, PROFESSOR, EXTENSION PLANT AND SOIL SCIENCE
ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:
JIMMY C. CASTELLAW, 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
REVENUE						
SOYBEANS	BEANS	BU.	40.00	5.40	216.00	—
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	40.00	-0.027	-1.08	—
VARIABLE EXPENSES						
SEED	8-10 PLANTS/FT.	LB.	40.00	0.28	11.20	—
SEED TREATMENT	VITAVAX-M	BU.	0.66	2.62	1.73	—
FERTILIZER	P2O5	LB.	20.00	0.16	3.20	—
	K2O	LB.	40.00	0.12	4.80	—
LIME	2 TONS EVERY 4 YRS.	TON	0.50	19.00	9.50	—
WEED CONTROL (1)						—
PRE-PLANT						—
POST-EMERGE	TREFLAN 4#/GAL.	PT.	1.50	3.34	5.01	—
	STORM	PT.	1.50	9.54	14.31	—
MACHINERY REPAIR		AC.	1.00	13.07	13.07	—
MACHINERY FUEL		AC.	1.00	9.59	9.59	—
OPERATING CAPITAL	6 MONTHS	AC.	72.41	9.00%	3.26	—
INDEMNITY FUND		BU.	40.00	0.01	0.40	—
				TOTAL VARIABLE EXPENSES	76.07	—
				RETURN ABOVE VARIABLE EXPENSES	138.85	—
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	21.00	21.00	—
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	11.87	11.87	—
				RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	105.98	—
LABOR EXPENSES						
LABOR		HR.	1.26	7.75	9.77	—
				RETURN TO LAND, MANAGEMENT, AND RISK	96.21	—

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

FOOTNOTES

(1) IF JOHNSON GRASS IS A PROBLEM THEN USE FUSILADE DX, SELECT, OR ASSURE II.

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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	5.40	216.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	40.00	-0.027	-1.08	_____
VARIABLE EXPENSES (4)						
SEED	6-8 PLANTS/FT.	LB.	50.00	0.28	14.00	_____
SEED TREATMENT	VITAVAX-M	BU.	0.83	2.62	2.17	_____
FERTILIZER	P2O5	LB.	20.00	0.16	3.20	_____
	K2O	LB.	40.00	0.12	4.80	_____
LIME	2 TONS EVERY 4 YRS.	TON	0.50	19.00	9.50	_____
WEED CONTROL (1) (3)						_____
PRE-EMERGE (2)	GRAMOXONE EXTRA	PT.	1.50	3.56	5.34	_____
	PROWL +	QT.	1.00	5.62	5.62	_____
	SURFACTANT	QT.	0.20	2.35	0.47	_____
	CANOPY	OZ.	4.00	2.75	11.00	_____
POST-EMERGE	STORM	PT.	1.50	9.54	14.31	_____
MACHINERY REPAIR		AC.	1.00	9.56	9.56	_____
MACHINERY FUEL		AC.	1.00	6.16	6.16	_____
OPERATING CAPITAL	6 MONTHS	AC.	86.13	9.00%	3.88	_____
INDEMNITY FUND		BU.	40.00	0.01	0.40	_____
				TOTAL VARIABLE EXPENSES	90.41	_____
				RETURN ABOVE VARIABLE EXPENSES	124.51	_____
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	16.45	16.45	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	8.48	8.48	_____
				RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	99.57	_____
LABOR EXPENSES						
LABOR		HR.	0.82	7.75	6.32	_____
				RETURN TO LAND, MANAGEMENT, AND RISK	93.25	_____

- 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. USE TWO PINTS OF PARAQUAT FOR HEAVY INFESTATIONS.
- (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 SELECT USED FOR RHYZOME JOHNSON GRASS 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 - ROUNDUP READY, 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	5.40	216.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	40.00	-0.027	-1.08	_____
VARIABLE EXPENSES (1)						
SEED	6-8 PLANTS/FT.	LB.	50.00	0.36	18.00	_____
SEED TREATMENT	VITAVAX-M	BU.	0.83	2.62	2.17	_____
TECHNOLOGY FEE		LB.	50.00	0.13	6.50	_____
FERTILIZER	P2O5	LB.	20.00	0.16	3.20	_____
	K2O	LB.	40.00	0.12	4.80	_____
LIME	2 TONS EVERY 4 YRS.	TON	0.50	19.00	9.50	_____
WEED CONTROL (2)						_____
BURNDOWN (3)	ROUNDUP ULTRA	PT.	2.00	4.75	9.50	_____
POST-EMERGE	ROUNDUP ULTRA	PT.	1.50	4.75	7.13	_____
POST-EMERGE	ROUNDUP ULTRA	PT.	1.00	4.75	4.75	_____
MACHINERY REPAIR		AC.	1.00	10.08	10.08	_____
MACHINERY FUEL		AC.	1.00	6.79	6.79	_____
OPERATING CAPITAL	6 MONTHS	AC.	82.42	9.00%	3.71	_____
INDEMNITY FUND		BU.	40.00	0.01	0.40	_____
					TOTAL VARIABLE EXPENSES	86.53
					RETURN ABOVE VARIABLE EXPENSES	128.39
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	17.02	17.02	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	8.92	8.92	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	102.45
LABOR EXPENSES						
LABOR		HR.	0.90	7.75	6.95	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	95.50

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

FOOTNOTES

- (1) ASSUMES NORMAL CROP ROTATION WITH MINIMUM WEED INFESTATION. A CONTINUOUS SOYBEAN SYSTEM MAY REQUIRE ADDITIONAL COSTS FOR CHEMICAL OR LAND PREPARATION.
- (2) WEED CONTROL CHEMICALS SHOULD BE SELECTED FOR SPECIFIC WEED OR GRASS PROBLEMS WHICH ARE PRESENT. (FOR HEAVY INFESTATIONS, USE TWO PINTS OF GRAMOXONE EXTRA).
- (3) FOR AN ALTERNATE CONTROL, USE GRAMOXONE EXTRA (1.5 PTS., COST OF \$5.04/ACRE) PLUS A SURFACTANT (\$0.48/ACRE), AND PROWL (2.0 PTS., COST OF \$6.04/ACRE), DEPENDING ON WEED SPECIES -
SEE PB1580, "2001 WEED CONTROL MANUAL FOR TENNESSEE", PAGE 6.

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	2.70	121.50	
VARIABLE EXPENSES						
SEED	TREATED/FUNGICIDE	BU.	1.50	10.00	15.00	
FERTILIZER	N (AN)	LB.	80.00	0.25	20.00	
	P2O5	LB.	40.00	0.16	6.40	
	K2O	LB.	20.00	0.12	2.40	
LIME		TON	0.40	19.00	7.60	
HERBICIDE	HARMONY-EXTRA	OZ.	0.50	11.40	5.70	
FUNGICIDE	TILT	OZ.	4.00	2.38	9.52	
MACHINERY REPAIR		AC.	1.00	11.83	11.83	
MACHINERY FUEL		AC.	1.00	8.57	8.57	
OPERATING CAPITAL	8 MONTHS	AC.	87.02	9.00%	5.22	
INDEMNITY FUND		BU.	45.00	0.005	0.23	
					92.47	
					29.03	
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	19.21	19.21	
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	10.63	10.63	
					-0.81	
LABOR EXPENSES						
LABOR		HR.	1.13	7.75	8.75	
					-9.56	

---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 RETURN 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	2.70	162.00	
VARIABLE EXPENSES						
SEED	TREATED/FUNGICIDE	BU.	2.00	10.00	20.00	
FERTILIZER	N (AN)	LB.	80.00	0.25	20.00	
	P2O5	LB.	40.00	0.16	6.40	
	K2O	LB.	20.00	0.12	2.40	
LIME		TON	0.40	19.00	7.60	
HERBICIDE	HARMONY-EXTRA	OZ.	0.50	11.40	5.70	
FUNGICIDE	TLT	OZ.	4.00	2.38	9.52	
MACHINERY REPAIR		AC.	1.00	11.83	11.83	
MACHINERY FUEL		AC.	1.00	8.57	8.57	
OPERATING CAPITAL	8 MONTHS	AC.	92.02	9.00%	5.52	
INDEMNITY FUND		BU.	60.00	0.005	0.30	
					TOTAL VARIABLE EXPENSES	97.84
					RETURN ABOVE VARIABLE EXPENSES	64.16
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	19.21	19.21	
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	10.63	10.63	
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	34.32
LABOR EXPENSES						
LABOR		HR.	1.13	7.75	8.75	
					RETURN TO LAND, MANAGEMENT, AND RISK	25.57

--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 RETURN 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	2.70	121.50	_____
SOYBEANS	BEANS	BU.	30.00	5.40	162.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	30.00	-0.027	-0.81	_____
					TOTAL REVENUE	282.69
VARIABLE EXPENSES						
SEED, WHEAT	TREATED/FUNGICIDE	BU.	1.50	10.00	15.00	_____
SEED	SOYBEANS	LB.	50.00	0.28	14.00	_____
SEED TREATMENT	VITAVAX M	BU.	0.83	2.62	2.17	_____
FERTILIZER	N(AN)	LB.	80.00	0.25	20.00	_____
	P205	LB.	60.00	0.16	9.60	_____
	K20	LB.	60.00	0.12	7.20	_____
LIME	3 TONS EVERY 4 YRS.	TON	0.75	19.00	14.25	_____
WEED CONTROL(1) PRE-PLANT						_____
	GRAMOXONE EXTRA	PT.	1.50	3.56	5.34	_____
	PROWL +	QT.	1.00	5.62	5.62	_____
	SURFACTANT(2)	AC.	0.20	2.35	0.47	_____
POST-EMERGE						_____
	STORM	PT.	1.50	9.54	14.31	_____
HERBICIDE - WHEAT	HARMONY EXTRA	OZ.	0.50	11.40	5.70	_____
FUNGICIDE - WHEAT	TILT	OZ.	4.00	2.38	9.52	_____
MACHINERY REPAIR		AC.	1.00	20.85	20.85	_____
MACHINERY FUEL		AC.	1.00	13.61	13.61	_____
OPERATING CAPITAL	8 MONTHS	AC.	157.64	9.00%	9.46	_____
INDEMNITY FUND	SOYBEANS	BU.	30.00	0.01	0.30	_____
INDEMNITY FUND	WHEAT	BU.	45.00	0.005	0.23	_____
					TOTAL VARIABLE EXPENSES	167.63
					RETURN ABOVE VARIABLE EXPENSES	115.06
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	35.40	35.40	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	18.84	18.84	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	60.82
LABOR EXPENSES						
LABOR		HR.	1.80	7.75	13.94	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	46.88

-- 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) SURFACTANT APPLIED AT A RATE OF 2 QTS/100 GALLONS OF WATER.

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

**WHEAT - ROUNDUP READY 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	2.70	121.50	_____
SOYBEANS	BEANS	BU.	30.00	5.40	162.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	30.00	-0.027	-0.81	_____
			TOTAL REVENUE		282.69	_____
VARIABLE EXPENSES						
SEED, WHEAT	TREATED/FUNGICIDE	BU.	1.50	10.00	15.00	_____
SEED	SOYBEANS	LB.	50.00	0.28	14.00	_____
SEED TREATMENT	VITAVAX M	BU.	0.83	2.62	2.17	_____
TECHNOLOGY FEE		LB.	50.00	0.13	6.50	_____
FERTILIZER	N(AN)	LB.	80.00	0.25	20.00	_____
	P205	LB.	60.00	0.16	9.60	_____
	K20	LB.	60.00	0.12	7.20	_____
LIME	3 TONS EVERY 4 YRS.	TON	0.75	19.00	14.25	_____
WEED CONTROL						_____
POST-EMERGE						_____
	ROUNDUP	PT.	2.00	4.75	9.50	_____
	ROUNDUP	PT.	1.00	4.75	4.75	_____
HERBICIDE - WHEAT	HARMONY EXTRA	OZ.	0.50	11.40	5.70	_____
FUNGICIDE - WHEAT	TILT	OZ.	4.00	2.38	9.52	_____
MACHINERY REPAIR		AC.	1.00	20.85	20.85	_____
MACHINERY FUEL		AC.	1.00	13.61	13.61	_____
OPERATING CAPITAL	8 MONTHS	AC.	152.65	9.00%	9.16	_____
INDEMNITY FUND	SOYBEANS	BU.	30.00	0.01	0.30	_____
INDEMNITY FUND	WHEAT	BU.	45.00	0.005	0.23	_____
			TOTAL VARIABLE EXPENSES		162.34	_____
			RETURN ABOVE VARIABLE EXPENSES		120.35	_____
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	35.40	35.40	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	18.84	18.84	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	66.11
LABOR EXPENSES						
LABOR		HR.	1.80	7.75	13.94	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	52.17

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

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