

AGRICULTURAL EXTENSION SERVICE



THE UNIVERSITY OF TENNESSEE INSTITUTE OF AGRICULTURE

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**AE & RD #35**

# **FIELD CROP BUDGETS FOR 2000**

Agricultural Economics and Resource Development

Agricultural Extension Service

University of Tennessee

January 2000

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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
<b>REVENUE</b>						
CORN(1)	GRAIN	BU.	120.00	1.80	216.00	
<b>VARIABLE EXPENSES</b>						
SEED KERNELS(2)	24 THOUSAND SEEDS	BAG	0.30	82.00	24.60	_____
FERTILIZER	N (UREA)	LB.	125.00	0.16	20.00	_____
	P2O5	LB.	50.00	0.19	9.50	_____
	K2O	LB.	50.00	0.13	6.50	_____
LIME	AG LIMESTONE	TON	0.60	18.00	10.80	_____
WEED CONTROL(3)						
BICEP II	6#/GAL.	QT.	2.40	8.08	19.39	_____
MACHINERY REPAIR		AC.	1.00	12.74	12.74	_____
MACHINERY FUEL		AC.	1.00	7.39	7.39	_____
OPERATING CAPITAL	6 MONTHS	AC.	110.92	9.00%	4.99	_____
INDEMNITY FUND		BU.	120.00	0.005	0.60	_____
					TOTAL VARIABLE EXPENSES	116.51
					RETURN ABOVE VARIABLE EXPENSES	99.49
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	21.45	21.45	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	10.76	10.76	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	67.28
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.12	6.75	7.57	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	59.71

— 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, 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	1.80	270.00	_____
<b>VARIABLE EXPENSES</b>						
SEED KERNELS(2)	26 THOUSAND SEEDS	BAG	0.325	82.00	26.65	_____
FERTILIZER	N (UREA)	LB.	170.00	0.16	27.20	_____
	P2O5	LB.	70.00	0.19	13.30	_____
	K2O	LB.	70.00	0.13	9.10	_____
LIME	AG LIMESTONE	TON	0.75	18.00	13.50	_____
WEED CONTROL(3)						_____
BICEP II	6#/GAL.	QT.	2.40	8.08	19.39	_____
MACHINERY REPAIR		AC.	1.00	12.74	12.74	_____
MACHINERY FUEL		AC.	1.00	7.39	7.39	_____
OPERATING CAPITAL	6 MONTHS	AC.	129.27	9.00%	5.82	_____
INDEMNITY FUND		BU.	150.00	0.005	0.75	_____
					TOTAL VARIABLE EXPENSES	135.84
					RETURN ABOVE VARIABLE EXPENSES	134.16
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	21.45	21.45	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	10.76	10.76	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	101.95
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.12	6.75	7.57	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	94.38

-- 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.

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
<b>REVENUE</b>						
CORN(1)	GRAIN	BU.	150.00	1.80	270.00	
<b>VARIABLE EXPENSES</b>						
SEED KERNELS(2)	26 THOUSAND SEEDS	BAG	0.325	82.00	26.65	_____
FERTILIZER	N (UREA)	LB.	170.00	0.16	27.20	_____
	P2O5	LB.	70.00	0.19	13.30	_____
	K2O	LB.	70.00	0.13	9.10	_____
LIME	AG LIMESTONE	TON	0.75	18.00	13.50	_____
WEED CONTROL(3)						
BURNDOWN						
	GRAMOXONE EXTRA	PT.	1.50	3.36	5.04	_____
	SURFACTANT (80% ACT.)	QT.	0.20	2.40	0.48	_____
PRE-EMERGE						
	BICEP II	QT.	2.40	8.08	19.39	_____
	ATRAZINE	OZ.	12.80	0.08	1.02	_____
MACHINERY REPAIR		AC.	1.00	10.45	10.45	_____
MACHINERY FUEL		AC.	1.00	4.76	4.76	_____
OPERATING CAPITAL	6 MONTHS	AC.	130.90	9.00%	5.89	_____
INDEMNITY FUND		BU.	150.00	0.005	0.75	_____
					TOTAL VARIABLE EXPENSES	137.54
					RETURN ABOVE VARIABLE EXPENSES	132.46
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	18.99	18.99	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	8.78	8.78	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	104.70
<b>LABOR EXPENSES</b>						
LABOR		HR.	0.84	6.75	5.65	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	99.05

--- 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 23,400 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 - 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	4.80	192.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	40.00	-0.024	-0.96	_____
<b>VARIABLE EXPENSES</b>						
SEED	8-10 PLANTS/FT.	LB.	40.00	0.32	12.80	_____
SEED TREATMENT	VITAVAX-M	BU.	0.66	2.62	1.73	_____
FERTILIZER	P2O5	LB.	20.00	0.19	3.80	_____
	K2O	LB.	40.00	0.13	5.20	_____
LIME	2 TONS EVERY 4 YRS.	TON	0.50	18.00	9.00	_____
WEED CONTROL (1)						
PRE-PLANT						
POST-EMERGE	TREFLAN 4#/GAL.	PT.	1.50	3.21	4.82	_____
	STORM	PT.	1.50	9.55	14.33	_____
MACHINERY REPAIR		AC.	1.00	12.35	12.35	_____
MACHINERY FUEL		AC.	1.00	8.34	8.34	_____
OPERATING CAPITAL	6 MONTHS	AC.	72.37	9.00%	3.26	_____
INDEMNITY FUND		BU.	40.00	0.01	0.40	_____
					TOTAL VARIABLE EXPENSES	76.03
					RETURN ABOVE VARIABLE EXPENSES	115.01
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	19.75	19.75	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	11.31	11.31	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	83.95
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.26	6.75	8.51	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	75.44

-- 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.

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
<b>REVENUE</b>						
SOYBEANS	BEANS	BU.	40.00	4.80	192.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	40.00	-0.024	-0.96	_____
<b>VARIABLE EXPENSES (4)</b>						
SEED	6-8 PLANTS/FT.	LB.	50.00	0.32	16.00	_____
SEED TREATMENT	VITAVAX-M	BU.	0.83	2.62	2.17	_____
FERTILIZER	P2O5	LB.	20.00	0.19	3.80	_____
	K2O	LB.	40.00	0.13	5.20	_____
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	3.36	5.04	_____
	PROWL +	QT.	1.00	6.04	6.04	_____
	SURFACTANT	QT.	0.20	2.40	0.48	_____
	CANOPY	OZ.	4.00	4.71	18.84	_____
POST-EMERGE	STORM	PT.	1.50	9.55	14.33	_____
MACHINERY REPAIR		AC.	1.00	8.95	8.95	_____
MACHINERY FUEL		AC.	1.00	5.36	5.36	_____
OPERATING CAPITAL	6 MONTHS	AC.	95.21	9.00%	4.28	_____
INDEMNITY FUND		BU.	40.00	0.01	0.40	_____
					TOTAL VARIABLE EXPENSES	99.89
					RETURN ABOVE VARIABLE EXPENSES	91.15
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	15.35	15.35	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	8.03	8.03	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	67.77
<b>LABOR EXPENSES</b>						
LABOR		HR.	0.82	6.75	5.51	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	62.26

- 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
<b>REVENUE</b>						
SOYBEANS	BEANS	BU.	40.00	4.80	192.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	40.00	-0.024	-0.96	_____
<b>VARIABLE EXPENSES (1)</b>						
SEED	6-8 PLANTS/FT.	LB.	50.00	0.32	16.00	_____
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	0.19	3.80	_____
	K2O	LB.	40.00	0.13	5.20	_____
LIME	2 TONS EVERY 4 YRS.	TON	0.50	18.00	9.00	_____
WEED CONTROL (2)						
BURNDOWN (3)	ROUNDUP ULTRA	PT.	2.00	4.44	8.88	_____
POST-EMERGE	ROUNDUP ULTRA	PT.	1.50	4.44	6.66	_____
POST-EMERGE	ROUNDUP ULTRA	PT.	1.00	4.44	4.44	_____
MACHINERY REPAIR		AC.	1.00	9.47	9.47	_____
MACHINERY FUEL		AC.	1.00	5.90	5.90	_____
OPERATING CAPITAL	6 MONTHS	AC.	78.02	9.00%	3.51	_____
INDEMNITY FUND		BU.	40.00	0.01	0.40	_____
					TOTAL VARIABLE EXPENSES	81.93
					RETURN ABOVE VARIABLE EXPENSES	109.11
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	15.92	15.92	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	8.46	8.46	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	84.73
<b>LABOR EXPENSES</b>						
LABOR		HR.	0.90	6.75	6.05	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	78.68

-- 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, "1999 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
<b>REVENUE</b>						
WHEAT(1)	GRAIN	BU.	45.00	2.50	112.50	
<b>VARIABLE EXPENSES</b>						
SEED	TREATED/FUNGICIDE	BU.	1.50	10.00	15.00	_____
FERTILIZER	N (AN)	LB.	80.00	0.22	17.60	_____
	P2O5	LB.	40.00	0.19	7.60	_____
	K2O	LB.	20.00	0.13	2.60	_____
LIME		TON	0.40	18.00	7.20	_____
HERBICIDE	HARMONY-EXTRA	OZ.	0.50	11.65	5.83	_____
FUNGICIDE	TLT	OZ.	4.00	2.62	10.48	_____
MACHINERY REPAIR		AC.	1.00	11.34	11.34	_____
MACHINERY FUEL		AC.	1.00	7.46	7.46	_____
OPERATING CAPITAL	8 MONTHS	AC.	85.11	9.00%	5.11	_____
INDEMNITY FUND		BU.	45.00	0.005	0.23	_____
					TOTAL VARIABLE EXPENSES	90.45
					RETURN ABOVE VARIABLE EXPENSES	22.05
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	18.27	18.27	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	10.28	10.28	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	-6.50
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.13	6.75	7.62	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	-14.12

---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
<b>REVENUE</b>						
WHEAT(1)	GRAIN	BU.	60.00	2.50	150.00	_____
<b>VARIABLE EXPENSES</b>						
SEED	TREATED/FUNGICIDE	BU.	2.00	10.00	20.00	_____
FERTILIZER	N (AN)	LB.	80.00	0.22	17.60	_____
	P2O5	LB.	40.00	0.19	7.60	_____
	K2O	LB.	20.00	0.13	2.60	_____
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	11.34	11.34	_____
MACHINERY FUEL		AC.	1.00	7.46	7.46	_____
OPERATING CAPITAL	8 MONTHS	AC.	90.11	9.00%	5.41	_____
INDEMNITY FUND		BU.	60.00	0.005	0.30	_____
				TOTAL VARIABLE EXPENSES	95.82	_____
				RETURN ABOVE VARIABLE EXPENSES	54.18	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	18.27	18.27	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	10.28	10.28	_____
				RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	25.63	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.13	6.75	7.62	_____
				RETURN TO LAND, MANAGEMENT, AND RISK	18.01	_____

—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
<b>REVENUE</b>						
WHEAT	GRAIN	BU.	45.00	2.50	112.50	_____
SOYBEANS	BEANS	BU.	30.00	4.80	144.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	30.00	-0.024	-0.72	_____
<b>TOTAL REVENUE</b>					<b>255.78</b>	_____
<b>VARIABLE EXPENSES</b>						
SEED, WHEAT	TREATED/FUNGICIDE	BU.	1.50	10.00	15.00	_____
SEED	SOYBEANS	LB.	50.00	0.32	16.00	_____
SEED TREATMENT	VITAVAX M	BU.	0.83	2.62	2.17	_____
FERTILIZER	N(AN)	LB.	80.00	0.22	17.60	_____
	P205	LB.	60.00	0.19	11.40	_____
	K20	LB.	60.00	0.13	7.80	_____
LIME	3 TONS EVERY 4 YRS.	TON	0.75	18.00	13.50	_____
WEED CONTROL(1)						_____
PRE-PLANT						_____
	GRAMOXONE EXTRA	PT.	1.50	3.36	5.04	_____
	PROWL +	QT.	1.00	6.04	6.04	_____
	SURFACTANT(2)	AC.	0.20	2.40	0.48	_____
POST-EMERGE						_____
	STORM	PT.	1.50	9.55	14.33	_____
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	19.75	19.75	_____
MACHINERY FUEL		AC.	1.00	11.84	11.84	_____
OPERATING CAPITAL	8 MONTHS	AC.	157.26	9.00%	9.44	_____
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>167.23</b>	_____
<b>RETURN ABOVE VARIABLE EXPENSES</b>					<b>88.55</b>	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	33.34	33.34	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	18.02	18.02	_____
<b>RETURN TO LAND, LABOR, MANAGEMENT, AND RISK</b>					<b>37.19</b>	_____
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.80	6.75	12.14	_____
<b>RETURN TO LAND, MANAGEMENT, AND RISK</b>					<b>25.05</b>	_____

-- 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
<b>REVENUE</b>						
WHEAT	GRAIN	BU.	45.00	2.50	112.50	_____
SOYBEANS	BEANS	BU.	30.00	4.80	144.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	30.00	-0.024	-0.72	_____
			<b>TOTAL REVENUE</b>		<b>255.78</b>	_____
<b>VARIABLE EXPENSES</b>						
SEED, WHEAT	TREATED/FUNGICIDE	BU.	1.50	10.00	15.00	_____
SEED	SOYBEANS	LB.	50.00	0.32	16.00	_____
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	0.22	17.60	_____
	P205	LB.	60.00	0.19	11.40	_____
	K20	LB.	60.00	0.13	7.80	_____
LIME	3 TONS EVERY 4 YRS.	TON	0.75	18.00	13.50	_____
WEED CONTROL						_____
POST-EMERGE						_____
	ROUNDUP	PT.	2.00	4.44	8.88	_____
	ROUNDUP	PT.	1.00	4.44	4.44	_____
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	19.75	19.75	_____
MACHINERY FUEL		AC.	1.00	11.84	11.84	_____
OPERATING CAPITAL	8 MONTHS	AC.	151.19	9.00%	9.08	_____
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>160.80</b>	_____
			<b>RETURN ABOVE VARIABLE EXPENSES</b>		<b>94.98</b>	_____
<b>MACHINERY EXPENSES</b>						
MACHINERY DEPRECIATION		AC.	1.00	33.34	33.34	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	18.02	18.02	_____
					<b>RETURN TO LAND, LABOR, MANAGEMENT, AND RISK</b>	<b>43.62</b>
<b>LABOR EXPENSES</b>						
LABOR		HR.	1.80	6.75	12.14	_____
					<b>RETURN TO LAND, MANAGEMENT, AND RISK</b>	<b>31.48</b>

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

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