

AGRICULTURAL EXTENSION SERVICE



THE UNIVERSITY OF TENNESSEE INSTITUTE OF AGRICULTURE

AE 04- 29

FIELD CROP BUDGETS FOR 2004

Agricultural Economics

Agricultural Extension Service

University of Tennessee

January 2004

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Employer. 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, (12/16ROW EQUIPMENT)

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
REVENUE						
CORN(1)	GRAIN	BU.	120.00	2.35	282.00	
VARIABLE EXPENSES						
SEED KERNELS(2)	24 THOUSAND SEEDS	BAG	0.30	82.00	24.60	
FERTILIZER	N (UREA)	LB.	125.00	0.25	31.25	
	P2O5	LB.	50.00	0.28	14.00	
	K2O	LB.	50.00	0.13	6.50	
LIME	AG LIMESTONE	TON	0.60	19.00	11.40	
WEED CONTROL(3)						
BICEP II MAGNUM	5.5#/GAL.	QT.	2.10	9.72	20.41	
MACHINERY REPAIR		AC.	1.00	14.88	14.88	
MACHINERY FUEL		AC.	1.00	7.79	7.79	
OPERATING CAPITAL	6 MONTHS	AC.	130.83	8.00%	5.23	
TOTAL VARIABLE EXPENSES					136.06	
RETURN ABOVE VARIABLE EXPENSES					145.94	
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	25.26	25.26	
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	11.44	11.44	
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					109.24	
LABOR EXPENSES						
LABOR		HR.	0.97	8.00	7.76	
RETURN TO LAND, MANAGEMENT, AND RISK					101.48	

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

FOOTNOTES

- (1) AN IN-FURROW INSECTICIDE OR INSECTICIDE SEED TREATMENT 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 JOHNSONGRASS 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.

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:
 JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT
 ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

**CORN - CONVENTIONAL TILLAGE, 150 BUSHEL YIELD
ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
REVENUE						
CORN(1)	GRAIN	BU.	150.00	2.35	352.50	
VARIABLE EXPENSES						
SEED KERNELS(2)	26 THOUSAND SEEDS	BAG	0.325	82.00	26.65	
FERTILIZER	N (UREA)	LB.	170.00	0.25	42.50	
	P2O5	LB.	70.00	0.28	19.60	
	K2O	LB.	70.00	0.13	9.10	
LIME	AG LIMESTONE	TON	0.75	19.00	14.25	
WEED CONTROL(3)						
BICEP II MAGNUM	5.5#/GAL.	QT.	2.10	9.72	20.41	
MACHINERY REPAIR		AC.	1.00	14.88	14.88	
MACHINERY FUEL		AC.	1.00	7.79	7.79	
OPERATING CAPITAL	6 MONTHS	AC.	155.18	8.00%	12.41	
					TOTAL VARIABLE EXPENSES	161.39
					RETURN ABOVE VARIABLE EXPENSES	191.11
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	25.26	25.26	
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	11.44	11.44	
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	154.41
LABOR EXPENSES						
LABOR		HR.	0.97	8.00	7.76	
					RETURN TO LAND, MANAGEMENT, AND RISK	146.65

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

FOOTNOTES

- (1) AN IN-FURROW INSECTICIDE OR INSECTICIDE SEED TREATMENT 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 JOHNSONGRASS 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.

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:
 JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT
 ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

CORN - NO TILLAGE, 120 BUSHEL YIELD
ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16-ROW EQUIPMENT)

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
REVENUE						
CORN(1)	GRAIN	BU.	120.00	2.35	282.00	_____
VARIABLE EXPENSES						
SEED KERNELS(2)	24 THOUSAND SEEDS	BAG	0.30	82.00	24.60	_____
FERTILIZER	N (UREA)	LB.	125.00	0.25	31.25	_____
	P2O5	LB.	50.00	0.28	14.00	_____
	K2O	LB.	50.00	0.13	6.50	_____
LIME	AG LIMESTONE	TON	0.60	19.00	11.40	_____
WEED CONTROL(3)						
BURNDOWN						
	GRAMOXONE MAX	PT.	1.25	4.62	5.78	_____
	SURFACTANT (80% ACT.)	PT.	0.20	1.75	0.35	_____
PRE-EMERGE						
	BICEP II MAGNUM	QT.	2.10	9.72	20.41	_____
	ATRAZINE 4L	OZ.	11.84	0.08	0.95	_____
MACHINERY REPAIR		AC.	1.00	11.60	11.60	_____
MACHINERY FUEL		AC.	1.00	5.07	5.07	_____
OPERATING CAPITAL	6 MONTHS	AC.	131.90	8.00%	5.28	_____
					TOTAL VARIABLE EXPENSES	137.18
					RETURN ABOVE VARIABLE EXPENSES	144.82
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	21.45	21.45	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	8.90	8.90	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	114.47
LABOR EXPENSES						
LABOR		HR.	0.69	8.00	5.48	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	108.99

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

FOOTNOTES

- (1) AN IN-FURROW INSECTICIDE OR INSECTICIDE SEED TREATMENT 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 JOHNSONGRASS IS A PROBLEM USE ACCENT OR BEACON, WHICH WOULD INCREASE HERBICIDE COSTS.

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:
 JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT
 ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

CORN - NO TILLAGE, 150 BUSHEL YIELD
ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16-ROW EQUIPMENT)

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (S)	AMOUNT (S)	YOUR FARM	
REVENUE							
CORN(1)	GRAIN	BU.	150.00	2.35	352.50		
VARIABLE EXPENSES							
SEED KERNELS(2)	26 THOUSAND SEEDS	BAG	0.325	82.00	26.65		
FERTILIZER	N (UREA)	LB.	170.00	0.25	42.50		
	P2O5	LB.	70.00	0.28	19.60		
	K2O	LB.	70.00	0.13	9.10		
LIME	AG LIMESTONE	TON	0.75	19.00	14.25		
WEED CONTROL(3) BURNDOWN							
	GRAMOXONE MAX	PT.	1.25	4.62	5.78		
	SURFACTANT (80% ACT.)	PT.	0.20	1.75	0.35		
PRE-EMERGE							
	BICEP II MAGNUM	QT.	2.10	9.72	20.41		
	ATRAZINE 4L	OZ.	11.84	0.08	0.95		
MACHINERY REPAIR		AC.	1.00	11.60	11.60		
MACHINERY FUEL		AC.	1.00	5.07	5.07		
OPERATING CAPITAL	6 MONTHS	AC.	156.25	8.00%	6.25		
					TOTAL VARIABLE EXPENSES	162.50	
					RETURN ABOVE VARIABLE EXPENSES	190.00	
MACHINERY EXPENSES							
MACHINERY DEPRECIATION		AC.	1.00	21.45	21.45		
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	8.90	8.90		
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	159.65	
LABOR EXPENSES							
LABOR		HR.	0.69	8.00	5.48		
					RETURN TO LAND, MANAGEMENT, AND RISK	154.17	

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

FOOTNOTES

- (1) AN IN-FURROW INSECTICIDE OR INSECTICIDE SEED TREATMENT 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 JOHNSONGRASS IS A PROBLEM USE ACCENT OR BEACON, WHICH WOULD INCREASE HERBICIDE COSTS.

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:

JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT
 ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

**GRAIN SORGHUM - CONVENTIONAL TILLAGE, 90 BUSHEL YIELD
ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
REVENUE						
GRAIN SORGHUM	GRAIN	BU.	90.00	2.25	202.50	
VARIABLE EXPENSES						
SEED	8 LBS	LBS	8.000	1.14	9.12	_____
FERTILIZER	N (UREA)	LB.	100.00	0.25	25.00	_____
	P2O5	LB.	50.00	0.28	14.00	_____
	K2O	LB.	50.00	0.13	6.50	_____
LIME	AG LIMESTONE	TON	0.60	19.00	11.40	_____
WEED CONTROL(1)						
BICEP II MAGNUM	5.5#/GAL.	QT.	2.10	9.72	20.41	_____
MACHINERY REPAIR		AC.	1.00	14.88	14.88	_____
MACHINERY FUEL		AC.	1.00	7.79	7.79	_____
OPERATING CAPITAL	6 MONTHS	AC.	109.10	8.00%	4.36	_____
					TOTAL VARIABLE EXPENSES	113.46
					RETURN ABOVE VARIABLE EXPENSES	89.04
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	25.26	25.26	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	11.44	11.44	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	52.34
LABOR EXPENSES						
LABOR		HR.	0.97	8.00	7.76	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	44.58

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

FOOTNOTES

(1) DO NOT USE BICEP II MAGNUM, DUAL II MAGNUM OR GUARDSMAN MAX PRE UNLESS YOU PLANT SEED THAT HAS BEEN SAFENED WITH CONCEP OR SCREEN. DO NOT USE LARIAT, BULLET OR LASSO PRE UNLESS YOU PLANT SEED THAT HAS BEEN SAFENED WITH A SEED SAFENER CONTAINING THE ACTIVE INGREDIENT FLURAZOLE.

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:
 JIMMY C CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT
 ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

**GRAIN SORGHUM - NO TILLAGE, 90 BUSHEL YIELD
ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
REVENUE						
GRAIN SORGHUM	GRAIN	BU.	90.00	2.25	202.50	
VARIABLE EXPENSES						
SEED	8 LBS	LB.	8.000	1.14	9.12	
FERTILIZER	N (UREA)	LB.	100.00	0.25	25.00	
	P2O5	LB.	50.00	0.28	14.00	
	K2O	LB.	50.00	0.13	6.50	
LIME	AG LIMESTONE	TON	0.60	19.00	11.40	
WEED CONTROL (1) BURNDOWN	GRAMOXONE MAX	PT.	1.25	4.62	5.78	
	SURFACTANT (80% ACT.)	PT.	0.20	1.75	0.35	
PRE-EMERGE	BICEP II MAGNUM	QT.	2.10	9.72	20.41	
POST-EMERGE	ATRAZINE 4L	OZ.	11.84	0.08	0.95	
	CROP OIL CONCENTRATE	PT.	2.00	0.90	1.80	
MACHINERY REPAIR		AC.	1.00	11.60	11.60	
MACHINERY FUEL		AC.	1.00	5.07	5.07	
OPERATING CAPITAL	6 MONTHS	AC.	111.97	8.00%	4.48	
TOTAL VARIABLE EXPENSES					116.45	
RETURN ABOVE VARIABLE EXPENSES					86.05	
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	21.45	21.45	
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	8.90	8.90	
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					55.70	
LABOR EXPENSES						
LABOR		HR.	0.69	8.00	5.48	
RETURN TO LAND, MANAGEMENT, AND RISK					50.22	

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

FOOTNOTES

(1) DO NOT USE BICEP II MAGNUM, DUAL II MAGNUM OR GUARDSMAN MAX PRE UNLESS YOU PLANT SEED THAT HAS BEEN SAFENED WITH CONCEP OR SCREEN. DO NOT USE LARIAT, BULLET OR LASSO PRE UNLESS YOU PLANT SEED THAT HAS BEEN SAFENED WITH A SEED SAFENER CONTAINING THE ACTIVE INGREDIENT FLURAZOLE

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:
JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT
ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

**SOYBEANS - CONVENTIONAL TILLAGE - 40 BUSHEL YIELD
ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16-ROW EQUIPMENT)**

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
REVENUE						
SOYBEANS	BEANS	BU.	40.00	6.50	260.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	40.00	-0.033	-1.30	_____
VARIABLE EXPENSES						
SEED	6-8 PLANTS/FT.	LB.	50.00	0.21	10.50	_____
SEED TREATMENT	VITAVAX-M	BU.	0.66	2.62	1.73	_____
FERTILIZER	P2O5	LB.	20.00	0.28	5.60	_____
	K2O	LB.	40.00	0.13	5.20	_____
LIME	2 TONS EVERY 4 YRS.	TON	0.50	19.00	9.50	_____
WEED CONTROL (1)						_____
PRE-PLANT	TREFLAN 4#/GAL.	PT.	1.50	3.4	5.10	_____
POST-EMERGE	STORM	PT.	1.50	10.8	16.20	_____
	CROP OIL CONC.	PT.	1.00	0.75	0.75	_____
MACHINERY REPAIR		AC.	1.00	15.83	15.83	_____
MACHINERY FUEL		AC.	1.00	9.46	9.46	_____
OPERATING CAPITAL	6 MONTHS	AC.	79.87	8.00%	3.19	_____
					TOTAL VARIABLE EXPENSES	83.06
					RETURN ABOVE VARIABLE EXPENSES	175.64
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	25.36	25.36	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	12.97	12.97	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	137.31
LABOR EXPENSES						
LABOR		IIR.	1.12	8.00	8.94	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	128.37

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

FOOTNOTES

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

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:
JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT
ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

SOYBEANS - NO TILLAGE - 20" ROWS, 40 BUSHEL YIELD
ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16-ROW EQUIPMENT)

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (\$)	AMOUNT (\$)	YOUR FARM
REVENUE						
SOYBEANS	BEANS	BU.	40.00	6.50	260.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	40.00	-0.033	-1.30	_____
VARIABLE EXPENSES (4)						
SEED	6-8 PLANTS/FT.	LB.	50.00	0.21	10.50	_____
SEED TREATMENT	VITAVAX-M	BU.	0.83	2.62	2.17	_____
FERTILIZER	P2O5	LB.	20.00	0.28	5.60	_____
	K2O	LB.	40.00	0.13	5.20	_____
LIME	2 TONS EVERY 4 YRS.	TON	0.50	19.00	9.50	_____
WEED CONTROL (1) (3)						_____
BURNDOWN/PRE-EMERGE (2)	GRAMOXONE MAX	PT.	1.25	4.62	5.78	_____
	PROWL +	QT.	1.00	5.38	5.38	_____
	SURFACTANT (80% ACT.)	PT.	0.20	1.75	0.35	_____
	CANOPY SP	OZ.	5.20	1.74	9.05	_____
POST-EMERGE	STORM	PT.	1.50	10.8	16.20	_____
	CROP OIL CONC.	PT.	1.00	0.75	0.75	_____
MACHINERY REPAIR		AC.	1.00	9.54	9.54	_____
MACHINERY FUEL		AC.	1.00	4.50	4.50	_____
OPERATING CAPITAL	6 MONTHS	AC.	84.52	8.00%	3.38	_____

					TOTAL VARIABLE EXPENSES	87.90
					RETURN ABOVE VARIABLE EXPENSES	170.80
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	17.44	17.44	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	7.80	7.80	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	145.56
LABOR EXPENSES						
LABOR		HR.	0.60	8.00	4.76	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	140.80

-- 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 1.67 PINTS OF GRAMOXONE MAX FOR HEAVY INFESTATIONS
- (2) SURFACTANT APPLIED AT A RATE OF 1 PT/100 GALLONS OF WATER NORMALLY COVERS 5 ACRES. IF PLANTED IN HEAVY SOD, USE TWO PINTS OF GRAMOXONE EXTRA IF MARESTAIL OR RHIZOME JOHNSONGRASS IS A PROBLEM USE A GLYPHOSPHATE PRODUCT
- (3) IF SELECT USED FOR RHIZOME 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.

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:
 JIMMY C CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT
 ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

WHEAT, 45 BUSHEL YIELD
ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16-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	
SEED TREATMENT (2)	GAUCHO XT	BU.	1.50	6.00	9.00	
FERTILIZER	N (AN)	LB.	80.00	0.33	26.40	
	P2O5	LB.	40.00	0.28	11.20	
	K2O	LB.	20.00	0.13	2.60	
LIME		TON	0.40	19.00	7.60	
HERBICIDE	HARMONY-EXTRA	OZ.	0.50	12.40	6.20	
	SURFACTANT (80% ACT.)	PT.	0.10	1.75	0.18	
FUNGICIDE	TILT	OZ.	4.00	2.62	10.48	
MACHINERY REPAIR		AC.	1.00	14.14	14.14	
MACHINERY FUEL		AC.	1.00	7.83	7.83	
OPERATING CAPITAL	8 MONTHS	AC.	110.63	8.00%	5.90	
					TOTAL VARIABLE EXPENSES	116.53
					RETURN ABOVE VARIABLE EXPENSES	29.72
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	23.18	23.18	
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	11.57	11.57	
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	-5.03
LABOR EXPENSES						
LABOR		HR.	0.95	8.00	7.56	
					RETURN TO LAND, MANAGEMENT, AND RISK	-12.59

---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
- (2) ADDITIONAL SEED TREATMENT IS TO PROTECT AGAINST BARLEY YELLOW DWARF VIRUS

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:
 JOHN C. CAMPBELL, AREA SPECIALIST, FARM MANAGEMENT

WHEAT, 60 BUSHEL YIELD
ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16-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	_____
SEED TREATMENT (2)	GAUCHO XT	BU.	2.00	6.00	12.00	_____
FERTILIZER	N (AN)	LB.	80.00	0.33	26.40	_____
	P2O5	LB.	40.00	0.28	11.20	_____
	K2O	LB.	20.00	0.13	2.60	_____
LIME		TON	0.40	19.00	7.60	_____
HERBICIDE	HARMONY-EXTRA	OZ.	0.50	12.40	6.20	_____
	SURFACTANT (80% ACT.)	PT.	0.10	1.75	0.18	_____
FUNGICIDE	TILT	OZ.	4.00	2.62	10.48	_____
MACHINERY REPAIR		AC.	1.00	14.14	14.14	_____
MACHINERY FUEL		AC.	1.00	7.83	7.83	_____
OPERATING CAPITAL	8 MONTHS	AC.	118.63	8.00%	6.33	_____
TOTAL VARIABLE EXPENSES					124.96	_____
RETURN ABOVE VARIABLE EXPENSES					70.04	_____
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	23.18	23.18	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	11.57	11.57	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					35.29	_____
LABOR EXPENSES						
LABOR		HR.	0.95	8.00	7.56	_____
RETURN TO LAND, MANAGEMENT, AND RISK					27.73	_____

---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.

(2) ADDITIONAL SEED TREATMENT IS TO PROTECT AGAINST BARLEY YELLOW DWARF VIRUS

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:
JOHN C. CAMPBELL, AREA SPECIALIST, FARM MANAGEMENT

WHEAT - SOYBEANS - NO TILLAGE
ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16-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	6.50	195.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	30.00	-0.033	-0.98	_____
TOTAL REVENUE					340.28	_____
VARIABLE EXPENSES						
SEED, WHEAT	TREATED/FUNGICIDE	BU.	1.50	10.00	15.00	_____
SEED TREATMENT (1)	GAUCHO XT	BU.	1.50	6.00	9.00	_____
SEED	SOYBEANS	LB.	50.00	0.21	10.50	_____
SEED TREATMENT	VITAVAX M	BU.	0.83	2.62	2.17	_____
FERTILIZER	N(AN)	LB.	80.00	0.33	26.40	_____
	P205	LB.	60.00	0.28	16.80	_____
	K20	LB.	60.00	0.13	7.80	_____
LIME	3 TONS EVERY 4 YRS.	TON	0.75	19.00	14.25	_____
WEED CONTROL(2)						_____
PRE-PLANT						_____
	GRAMOXONE MAX	PT.	1.25	4.62	5.78	_____
	PROWL +	QT.	1.00	5.38	5.38	_____
	SURFACTANT (80% ACT.) (3)	PT.	0.20	1.75	0.35	_____
POST-EMERGE	STORM	PT.	1.50	10.80	16.20	_____
	CROP OIL CONC.	PT.	1.00	0.75	0.75	_____
HERBICIDE - WHEAT	HARMONY EXTRA	OZ.	0.50	12.40	6.20	_____
	SURFACTANT	QT.	0.10	1.75	0.18	_____
FUNGICIDE - WHEAT	TILT	OZ.	4.00	2.62	10.48	_____
MACHINERY REPAIR		AC.	1.00	23.45	23.45	_____
MACHINERY FUEL		AC.	1.00	11.85	11.85	_____
OPERATING CAPITAL	8 MONTHS	AC.	182.54	8.00%	9.74	_____
TOTAL VARIABLE EXPENSES					192.28	_____
RETURN ABOVE VARIABLE EXPENSES					148.00	_____
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1.00	40.57	40.57	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	19.30	19.30	_____
RETURN TO LAND, LABOR, MANAGEMENT, AND RISK					88.12	_____
LABOR EXPENSES						
LABOR		HR.	1.49	8.00	11.93	_____
RETURN TO LAND, MANAGEMENT, AND RISK					76.19	_____

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

FOOTNOTES

(1) ADDITIONAL SEED TREATMENT IS TO PROTECT AGAINST BARLEY YELLOW DWARF VIRUS

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

(3) SURFACTANT APPLIED AT A RATE OF 1 PT/100 GALLONS OF WATER

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY
 JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT
 ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST

WHEAT - ROUNDUP READY SOYBEANS - NO TILLAGE
ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16-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	6.50	195.00	_____	
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	30.00	-0.033	-0.98	_____	
					TOTAL REVENUE	340.28	_____
VARIABLE EXPENSES							
SEED, WHEAT	TREATED/FUNGICIDE	BU.	1.50	10.00	15.00	_____	
SEED TREATMENT (1)	GAUCHO XT	BU.	1.50	6.00	9.00	_____	
SEED	SOYBEANS	LB.	50.00	0.42	21.00	_____	
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	0.33	26.40	_____	
	P205	LB.	60.00	0.28	16.80	_____	
	K20	LB.	60.00	0.13	7.80	_____	
LIME	3 TONS EVERY 4 YRS.	TON	0.75	19.00	14.25	_____	
WEED CONTROL (2)						_____	
POST-EMERGE						_____	
	ROUNDUP ULTRAMAX	PT.	1.60	5.94	9.50	_____	
	ROUNDUP ULTRAMAX	PT.	0.80	5.94	4.75	_____	
HERBICIDE - WHEAT	HARMONY EXTRA	OZ.	0.50	12.40	6.20	_____	
	SURFACTANT (80% ACT.)	PT.	0.10	1.75	0.18	_____	
FUNGICIDE - WHEAT	TILT	OZ.	4.00	2.62	10.48	_____	
MACHINERY REPAIR		AC.	1.00	23.45	23.45	_____	
MACHINERY FUEL		AC.	1.00	11.85	11.85	_____	
OPERATING CAPITAL	8 MONTHS	AC.	185.33	8.00%	9.89	_____	
					TOTAL VARIABLE EXPENSES	195.22	_____
					RETURN ABOVE VARIABLE EXPENSES	145.06	_____
MACHINERY EXPENSES							
MACHINERY DEPRECIATION		AC.	1.00	40.57	40.57	_____	
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1.00	19.30	19.30	_____	
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	85.18	_____
LABOR EXPENSES							
LABOR		HR.	1.49	8.00	11.93	_____	
					RETURN TO LAND, MANAGEMENT, AND RISK	73.25	_____

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

FOOTNOTES

(1) ADDITIONAL SEED TREATMENT IS TO PROTECT AGAINST BARLEY YELLOW DWARF VIRUS

(2) SEVERAL OTHER VERSIONS OF GLYPHOSPHATE, THE ACTIVE INGREDIENT IN ROUNDUP ULTRAMAX ARE AVAILABLE. CHECK LABEL FOR CONCENTRATION, RATES, AND REGISTRATION ON ROUNDUP READY SOYBEANS.

ECONOMIC ANALYSIS AND REVIEW PROVIDED BY:
 JIMMY C. CASTELLAW, AREA SPECIALIST, FARM MANAGEMENT
 ANGELA THOMPSON, EXTENSION CORN AND SOYBEANS SPECIALIST