

Corn and Soybeans Marketing Newsletter

January 15, 2009

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Current Stocks - Corn stocks on December 1 totaled 10.1 billion bushels, down 2% from December 1 a year ago. Farm stocks were 6.48 billion bushels, down 1% from a year ago. Off-farm stocks were 3.60 billion bushels, down 4% from a year ago. The September through November 2008 disappearance was 3.64 billion bushels, compared with 4.06 billion bushels the same time period last year. Soybean stocks of 2.28 billion bushels were down 4% from December 1 of 2007. Farm stocks at 1.19 billion bushels were up 5%. Off-farm stocks were 1.09 billion bushels, down 12% from a year ago. Soybean disappearance was 899 million bushels for the September through November 2008 period, down slightly from a year ago. Total wheat stocks were 1.42 billion bushels, up 26% from a year ago. Farm stocks were up 57%. Disappearance for September through November 2008 was 436 million bushels, down 25% from a year ago. Barley stocks were up 27%, oats up 22%, and grain sorghum up 7%.

Corn Outlook - On Monday, January 12, USDA reported corn production down 7% from last year. March futures were limit down (30 cents) that day followed by another 19 cent drop the following day. March futures closed at \$3.65 today, January 15, down 1 cent from yesterday and down 46 cents since last Friday. January 15 cash prices in lower Middle Tennessee were \$3.65 to \$4.23, 1 to 4 cents lower than yesterday. March futures at \$3.65 with a basis estimate of minus 10 cents would hedge \$3.55 minus transaction costs. A \$3.60 put with a .19 cent premium would floor \$3.31 minus transaction costs with a minus 10 cents basis estimate. A \$3.20 put with a 6 cents premium would floor \$3.04 with a minus 10 cents basis estimate. For the 2009 crop, December futures closed today at \$4.11, down ½ cent. This would hedge \$3.66 with a minus 45 cents basis estimate. A \$4.10 put with a .59 cent premium would floor \$3.06 minus transaction costs with a minus 45 cents basis estimate.

Soybean Outlook - Soybean production was up 11% according to USDA report released Monday. March futures were limit down (70 cents) on Monday, after being up 48 cents last Friday. March futures closed at \$9.95 January 15, 23 cents higher than the previous day and 41 cents lower than last Friday. Lower Middle Tennessee cash prices were \$9.35 to \$9.94 on January 15, up 18 to 23 cents from the previous day. March futures at \$9.95 with a basis estimate of minus 30 cents would hedge \$9.65 minus transaction costs. A \$9.90 put with a 55 cents premium would floor \$9.05 minus transaction costs with a minus 30 cents basis estimate. A \$9.40 put with a 33 cents premium would floor \$8.77 minus transaction costs with a minus 30 cents basis estimate. For new crop, November futures closed today at \$9.61, up 5 cents from the previous day. This would hedge \$9.01 with a minus 60 cents basis estimate minus transaction costs. A \$9.60 put with a \$1.37 premium would floor \$7.63 minus transaction costs with a minus 60 cents basis estimate.

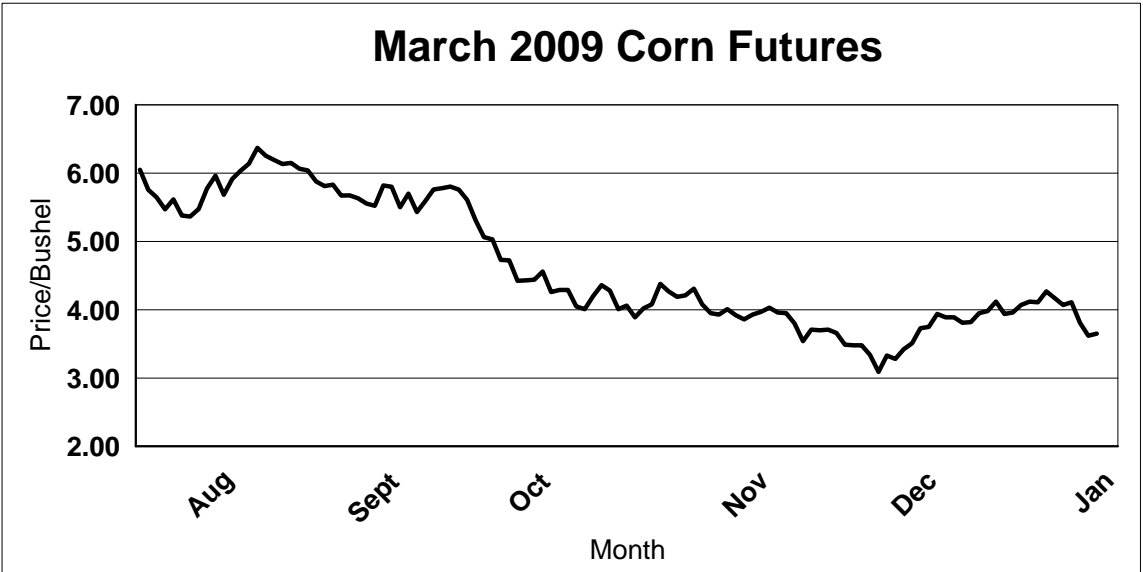
Production Cost - Each year there are concerns when planning for a new crop as to how closely are costs projected. Projecting costs may be more difficult this year. Fertilizer prices have declined some from last summer's highs, but are still high historically. There is considerable speculation that these prices could fall more before planting time, but we will have to wait and see. Cost projections may need to be revised several times before spring. Budgets are enclosed for 120 bushel yield corn, 150 bushel yield corn, and 40 bushel yield soybeans. The input costs in these budgets reflect state wide projections and could be significantly different in local situations. Each budget has a "your farm" column for your specific numbers. These budgets are also available in spreadsheet form at <http://economics.ag.utk.edu/budgets.html> or I can provide you a copy. This format allows users to input information for specific situations. Market prices have also become much harder to predict. The spreadsheet can also be used to compare returns from varying market prices. Long-range planning with the FINPACK Computer Farm Analysis allows you to project income at varying market prices and also at different production levels and acreage for each crop. There is no charge for the analysis and all information is confidential.

FSA Program Sign-up - The Farm Service Agency is currently enrolling producers for the Direct and Counter-Cyclical Payment programs through June 1. These programs operate basically the same as past years with a few modifications. This spring producers will be able to select the optional Average Crop Revenue Election (ACRE) program. The selection of ACRE is irrevocable through 2102.

What Is The Market Offering For Corn?

Date January 15 Futures Price \$3.65
 Contract Month March 2009 Est. Basis -0.10

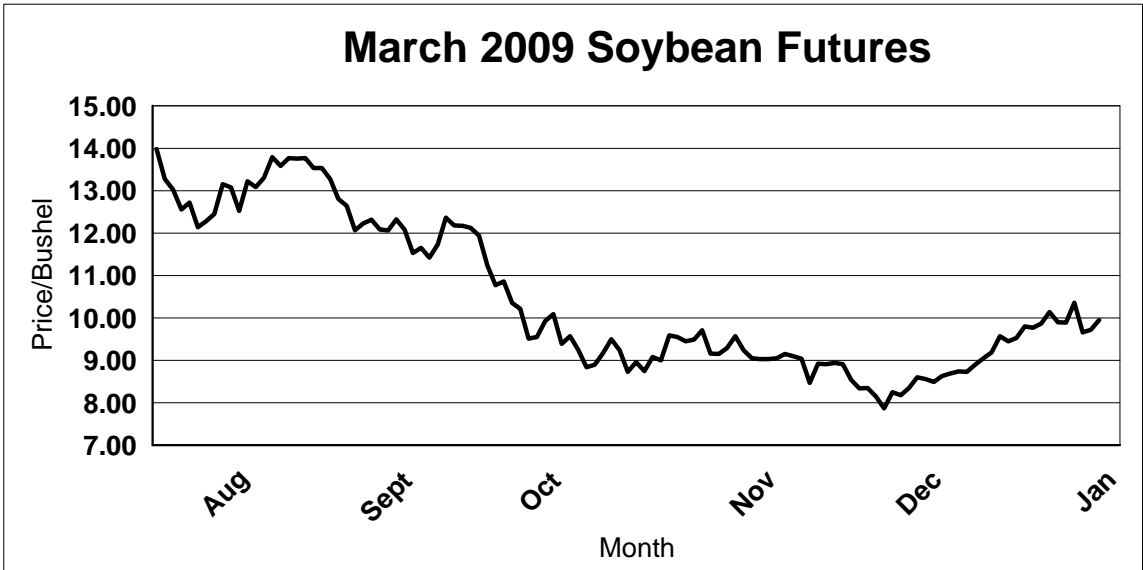
Then if	March 2009	Futures	=	\$4.15	\$3.65	\$3.15
	and actual cash		=	4.05	3.55	3.05
Sample Strategies Executed			January 15	Realized Prices for March 2009		
1) Sold Futures		@	\$3.65	\$3.55	\$3.55	\$3.55
2) Bought Put	\$2.80	@	0.02	4.03	3.53	3.03
3) Bought Put	\$3.20	@	0.06	3.99	3.49	3.04
4) Bought Put	\$3.60	@	0.19	3.86	3.36	3.31



What Is The Market Offering For Soybeans?

Date January 15 Futures Price \$9.95
 Contract Month March 2009 Est. Basis -0.30

Then if	March 2009	Futures	=	\$10.50	\$9.95	\$9.25
	and actual cash		=	10.20	9.65	8.95
Sample Strategies Executed			January 15	Realized Prices for March 2009		
1) Sold Futures		@	\$9.95	\$9.65	\$9.65	\$9.65
2) Bought Put	\$9.00	@	0.20	10.00	9.45	8.75
3) Bought Put	\$9.40	@	0.33	9.87	9.32	8.77
4) Bought Put	\$9.90	@	0.55	9.65	9.10	9.05



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

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>YOUR FARM</u>
REVENUE						
CORN(1)	GRAIN	BU.	120	\$3.75	\$450.00	_____
VARIABLE EXPENSES(1)						
SEED KERNELS(2)	26 THOUSAND SEEDS	BAG	0.325	\$182.23	\$59.22	_____
FERTILIZER	N (UREA)	LB.	125	\$0.87	\$108.75	_____
	P2O5	LB.	50	\$0.87	\$43.50	_____
	K2O	LB.	50	\$0.75	\$37.50	_____
LIME	AG LIMESTONE	TON	0.5	\$33.00	\$16.50	_____
WEED CONTROL						
BURNDOWN	GRAMOXONE INTEON	QT.	1.25	\$7.31	\$9.14	_____
	SURFACTANT (80% ACT.)	PT.	0.2	\$2.02	\$0.40	_____
PRE-EMERGE	BICEP II MAGNUM	QT.	2.1	\$10.46	\$21.97	_____
POST-EMERGE	ROUNDUP POWER MAX	PT.	1.6	\$7.87	\$12.59	_____
MACHINERY REPAIR		AC.	1	\$15.71	\$15.71	_____
MACHINERY FUEL	DIESEL @ \$2.50/GALLON	AC.	1	\$13.89	\$13.89	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$339.18	8.00%	\$13.57	_____
					TOTAL VARIABLE EXPENSES	\$352.74
					RETURN ABOVE VARIABLE EXPENSES	\$97.26
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1	\$26.84	\$26.84	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$12.30	\$12.30	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	\$58.12
LABOR EXPENSES						
LABOR		HR.	0.71	\$9.75	\$6.93	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	\$51.19

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

FOOTNOTES

(1) A FOLIAR FUNGICIDE APPLICATION MAY BE USED IN SOME CROPPING SYSTEMS AT A COST OF \$15/ACRE. COST WILL VARY DEPENDING ON THE FUNGICIDE USED AND THE APPLICATION RATE.

(2) ASSUMES A BAG OF 80,000 SEEDS AND A 90% GERMINATION RATE FOR A FINAL STAND COUNT OF 23,400 PLANTS PER ACRE. SEED TREATMENT INCLUDED IN PRICE.

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

**CORN, ROUNDUP READY, NO TILLAGE, 120 BUSHEL YIELD
ESTIMATED LABOR, POWER AND MACHINERY INPUTS, (12/16-ROW EQUIPMENT)**

MONTH	OPERATION	EQUIPMENT	HOURS PER ACRE	
			MACHINE	LABOR
APR-MAY	PLANT	PLANTER, 12-ROW	0.06	0.08
	WEED CONTROL 3X	SP BOOM SPRAYER, 90'	0.03	0.04
	SPREAD FERTILIZER	215HP TRACTOR	0.07	0.08
SEP-OCT	HARVEST	COMBINE, 8-ROW HD.	0.14	0.17
	HAUL, IN FIELD	GRAIN CART	0.14	0.17
	HAUL	SEMI TRACTOR/TRAILER	0.14	0.17
	TOTAL			0.71

MACHINE	HOURS PER ACRE	-----INTEREST COST-----		-COST PER HOUR-		-----COST PER ACRE-----			
		PER HOUR	PER ACRE	F.C.	V.C.	FIXED	REPAIR	FUEL	VAR
TRACTOR, 215HP	0.26	\$8.86	\$2.34	\$12.44	\$40.91	\$3.29	\$3.25	\$7.57	\$10.82
COMBINE	0.14	\$34.00	\$4.65	\$82.06	\$63.15	\$11.23	\$4.65	\$3.99	\$8.64
CORN HEAD	0.14	\$7.00	\$0.96	\$32.74	\$21.00	\$4.48	\$2.87	\$0.00	\$2.87
SEMI T/T	0.14	\$5.60	\$0.77	\$11.57	\$18.14	\$1.58	\$0.96	\$1.52	\$2.48
PLANTER	0.06	\$22.00	\$1.34	\$37.38	\$27.50	\$2.27	\$1.67	\$0.00	\$1.67
SPRAYER	0.03	\$59.23	\$1.81	\$95.85	\$84.21	\$2.93	\$1.76	\$0.81	\$2.57
GRAIN CART	0.14	\$3.17	\$0.43	\$7.73	\$3.96	\$1.06	\$0.54	\$0.00	\$0.54
TOTAL			\$12.30			\$26.84	\$15.71	\$13.89	\$29.60

--- PLEASE NOTE: TOTALS MAY BE DIFFERENT DUE TO ROUNDING. ---

**BREAKEVEN CALCULATIONS
(BASED ON THE PREVIOUS PAGE'S BUDGET)**

	PRICE/BU	BREAKEVEN YIELD/AC
BREAKEVEN YIELD TO COVER VAR EXPENSES AT A PRICE/BU OF.....	\$3.75	94.1
BREAKEVEN YIELD TO COVER ALL EXPENSES EXCEPT FOR LAND, MANAGEMENT AND RISK AT A PRICE OF.....	\$3.75	106.3

	YIELD/AC	BREAKEVEN PRICE/BU
BREAKEVEN PRICE TO COVER VAR EXPENSES AT A YIELD/AC OF.....	120	\$2.94
BREAKEVEN PRICE TO COVER ALL EXPENSES EXCEPT FOR LAND, MANAGEMENT AND RISK AT A YIELD OF.....	120	\$3.32

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

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>YOUR FARM</u>
REVENUE						
CORN	GRAIN	BU.	150	\$3.75	\$562.50	_____
VARIABLE EXPENSES(1)						
SEED KERNELS(2)	30 THOUSAND SEEDS	BAG	0.375	\$182.23	\$68.34	_____
FERTILIZER	N (UREA)	LB.	170	\$0.87	\$147.90	_____
	P2O5	LB.	70	\$0.87	\$60.90	_____
	K2O	LB.	70	\$0.75	\$52.50	_____
LIME	AG LIMESTONE	TON	0.5	\$33.00	\$16.50	_____
WEED CONTROL						
BURNDOWN	GRAMOXONE INTEON	QT.	1.25	\$7.31	\$9.14	_____
	SURFACTANT (80% ACT.)	PT.	0.2	\$2.02	\$0.40	_____
PRE-EMERGE	BICEP II MAGNUM	QT.	2.1	\$10.46	\$21.97	_____
POST-EMERGE	ROUNDUP POWER MAX	PT.	1.6	\$7.87	\$12.59	_____
MACHINERY REPAIR		AC.	1	\$15.71	\$15.71	_____
MACHINERY FUEL	DIESEL @ \$2.50/GALLON	AC.	1	\$13.89	\$13.89	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$419.84	8.00%	\$16.79	_____
					TOTAL VARIABLE EXPENSES	\$436.63
					RETURN ABOVE VARIABLE EXPENSES	\$125.87
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1	\$26.84	\$26.84	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$12.30	\$12.30	_____
					RETURN TO LAND, LABOR, MANAGEMENT, AND RISK	\$86.73
LABOR EXPENSES						
LABOR		HR.	0.71	\$9.75	\$6.93	_____
					RETURN TO LAND, MANAGEMENT, AND RISK	\$79.80

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

FOOTNOTES

(1) A FOLIAR FUNGICIDE APPLICATION MAY BE USED IN SOME CROPPING SYSTEMS AT A COST OF \$15/ACRE. COST WILL VARY DEPENDING ON THE FUNGICIDE USED AND THE APPLICATION RATE.

(2) ASSUMES A BAG OF 80,000 SEEDS AND A 90% GERMINATION RATE FOR A FINAL STAND COUNT OF 27,000 PLANTS PER ACRE. SEED TREATMENT INCLUDED IN PRICE.

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

**CORN, ROUNDUP READY, NO TILLAGE, 150 BUSHEL YIELD
ESTIMATED LABOR, POWER AND MACHINERY INPUTS, (12/16-ROW EQUIPMENT)**

MONTH	OPERATION	EQUIPMENT	HOURS PER ACRE	
			MACHINE	LABOR
APR-MAY	PLANT	PLANTER, 12-ROW	0.06	0.08
	WEED CONTROL 3X	SP BOOM SPRAYER, 90'	0.03	0.04
	SPREAD FERTILIZER	215HP TRACTOR	0.07	0.08
SEP-OCT	HARVEST	COMBINE, 8-ROW HD.	0.14	0.17
	HAUL, IN FIELD	GRAIN CART	0.14	0.17
	HAUL	SEMI TRACTOR/TRAILER	0.14	0.17
	TOTAL			0.71

MACHINE	HOURS PER ACRE	-----INTEREST COST-----		-COST PER HOUR-		-----COST PER ACRE-----			
		PER HOUR	PER ACRE	F.C.	V.C.	FIXED	REPAIR	FUEL	VAR
TRACTOR, 215HP	0.26	\$8.86	\$2.34	\$12.44	\$40.91	\$3.29	\$3.25	\$7.57	\$10.82
COMBINE	0.14	\$34.00	\$4.65	\$82.06	\$63.15	\$11.23	\$4.65	\$3.99	\$8.64
CORN HEAD	0.14	\$7.00	\$0.96	\$32.74	\$21.00	\$4.48	\$2.87	\$0.00	\$2.87
SEMI T/T	0.14	\$5.60	\$0.77	\$11.57	\$18.14	\$1.58	\$0.96	\$1.52	\$2.48
PLANTER	0.06	\$22.00	\$1.34	\$37.38	\$27.50	\$2.27	\$1.67	\$0.00	\$1.67
SPRAYER	0.03	\$59.23	\$1.81	\$95.85	\$84.21	\$2.93	\$1.76	\$0.81	\$2.57
GRAIN CART	0.14	\$3.17	\$0.43	\$7.73	\$3.96	\$1.06	\$0.54	\$0.00	\$0.54
TOTAL			\$12.30			\$26.84	\$15.71	\$13.89	\$29.60

--- PLEASE NOTE: TOTALS MAY BE DIFFERENT DUE TO ROUNDING. ---

**BREAKEVEN CALCULATIONS
(BASED ON THE PREVIOUS PAGE'S BUDGET)**

	PRICE/BU	BREAKEVEN YIELD/AC
BREAKEVEN YIELD TO COVER VAR EXPENSES AT A PRICE/BU OF.....	\$3.75	116.4
BREAKEVEN YIELD TO COVER ALL EXPENSES EXCEPT FOR LAND, MANAGEMENT AND RISK AT A PRICE OF.....	\$3.75	128.7

	YIELD/AC	BREAKEVEN PRICE/BU
BREAKEVEN PRICE TO COVER VAR EXPENSES AT A YIELD/AC OF.....	150	\$2.91
BREAKEVEN PRICE TO COVER ALL EXPENSES EXCEPT FOR LAND, MANAGEMENT AND RISK AT A YIELD OF.....	150	\$3.22

**SOYBEANS - ROUNDUP READY, NO TILLAGE, 40 BUSHEL YIELD
ESTIMATED RETURNS AND EXPENSES PER ACRE, (12/16ROW EQUIPMENT)**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>YOUR FARM</u>
REVENUE						
SOYBEANS	BEANS	BU.	40	\$8.25	\$330.00	_____
REVENUE ADJUSTMENT	SPARC ASSESSMENT	BU.	40	-\$0.041	-\$1.65	_____
VARIABLE EXPENSES (1)						
SEED (2)	6-8 PLANTS/FT.	LB.	50	\$0.87	\$43.45	_____
SEED TREATMENT	APRONMAXX	BU.	0.83	\$4.02	\$3.34	_____
FERTILIZER	P2O5	LB.	20	\$0.87	\$17.40	_____
	K2O	LB.	40	\$0.75	\$30.00	_____
LIME	2 TONS EVERY 4 YEARS	TON	0.5	\$33.00	\$16.50	_____
WEED CONTROL(3) (4)						
BURNDOWN (5) (6)	ROUNDUP POWER MAX	PT.	1.6	\$7.87	\$12.59	_____
BURNDOWN	CLARITY	OZ.	8	\$0.67	\$5.36	_____
POST-EMERGE	ROUNDUP POWER MAX	PT.	1.6	\$7.87	\$12.59	_____
POST-EMERGE	ROUNDUP POWER MAX	PT.	1.6	\$7.87	\$12.59	_____
INSECTICIDE		AC.	1	\$4.92	\$4.92	_____
FUNGICIDE		AC.	1	\$14.28	\$14.28	_____
MACHINERY REPAIR		AC.	1	\$13.94	\$13.94	_____
MACHINERY FUEL	DIESEL @ \$2.50/GALLON	AC.	1	\$13.22	\$13.22	_____
OPERATING CAPITAL	6 MONTHS	AC.	\$200.18	8.00%	\$8.01	_____
					TOTAL VARIABLE EXPENSES	\$208.18
					RETURN ABOVE VARIABLE EXPENSES	\$120.17
MACHINERY EXPENSES						
MACHINERY DEPRECIATION		AC.	1	\$23.80	\$23.80	_____
INTEREST EXPENSE	MACHINERY & EQUIP.	AC.	1	\$11.67	\$11.67	_____
	RETURN TO LAND, LABOR, MANAGEMENT, AND RISK				\$84.70	_____
LABOR EXPENSES						
LABOR		HR.	0.67	\$9.75	\$6.56	_____
	RETURN TO LAND, MANAGEMENT, AND RISK				\$78.14	_____

--- PLEASE NOTE: THE REVENUE ESTIMATE DOES NOT INCLUDE COUNTER CYCLICAL OR DIRECT GOVERNMENT PAYMENTS. ---

FOOTNOTES

- (1) ASSUMES NORMAL CROP ROTATION WITH MINIMUM WEED INFESTATION. A CONTINUOUS SOYBEAN SYSTEM MAY REQUIRE ADDITIONAL EXPENSES FOR CHEMICALS OR LAND PREPARATION.
- (2) SEED PRICE INCLUDES TECHNOLOGY FEE.
- (3) WEED CONTROL CHEMICALS SHOULD BE SELECTED FOR SPECIFIC WEED OR GRASS PROBLEMS WHICH ARE PRESENT.
- (4) THE ADDITION OF DICAMBA @ 8 OZ./ACRE IS NECESSARY TO MANAGE GLYPHOSATE RESISTANT HORSEWEED. THIS ADDS AN ADDITIONAL \$5.50/ACRE TO THE BURNDOWN SPRAY COST.
- (5) FOR AN ALTERNATE CONTROL, USE GRAMOXONE INTEON AT 1.25 QUARTS/ACRE PLUS A SURFACTANT.
- (6) SEVERAL OTHER VERSIONS OF GLYPHOSATE, THE ACTIVE INGREDIENT IN ROUNDUP ORIGINAL MAX ARE AVAILABLE. CHECK LABEL FOR CONCENTRATION, RATES, AND REGISTRATION ON ROUNDUP READY SOYBEANS.
- (7) A FOLIAR FUNGICIDE APPLICATION MAY BE USED IN SOME CROPPING SYSTEMS AT A COST OF \$15/ACRE. COST WILL VARY DEPENDING ON THE FUNGICIDE USED AND THE APPLICATION RATE.

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

**SOYBEANS - ROUNDUP READY, NO TILLAGE, 40 BUSHEL YIELD
ESTIMATED LABOR, POWER AND MACHINERY INPUTS, (12/16-ROW EQUIPMENT)**

MONTH	OPERATION	EQUIPMENT	HOURS PER ACRE	
			MACHINE	LABOR
MAY-JUN	PLANT	PLANTER, 12-ROW	0.06	0.08
	SPRAY 4X	SP BOOM SPRAYER, 90'	0.04	0.05
	SPREAD FERTILIZER	215HP TRACTOR	0.07	0.08
SEP-OCT	HARVEST	COMBINE, 25' HEADER	0.12	0.15
	HAUL, IN FIELD	GRAIN CART	0.12	0.15
	HAUL	SEMI TRACTOR/TRAILER	0.12	0.15
TOTAL			0.67	0.67

Note: The 4 sprays include 3 herbicide sprays and 1 fungicide/insecticide spray.

MACHINE	HOURS PER ACRE	-----INTEREST COST-----		-COST PER HOUR-		-----COST PER ACRE-----			
		PER HOUR	PER ACRE	F.C.	V.C.	FIXED	REPAIR	FUEL	VAR
TRACTOR, 215HP	0.25	\$8.86	\$2.22	\$12.44	\$40.91	\$3.12	\$3.08	\$7.18	\$10.26
COMBINE	0.12	\$34.00	\$4.19	\$82.06	\$63.15	\$10.10	\$4.19	\$3.59	\$7.78
GRAIN HEAD	0.12	\$3.50	\$0.43	\$16.43	\$10.50	\$2.02	\$1.29	\$0.00	\$1.29
SEMI T/T	0.12	\$5.60	\$0.69	\$11.57	\$18.14	\$1.42	\$0.86	\$1.37	\$2.23
PLANTER	0.06	\$22.00	\$1.34	\$37.38	\$27.50	\$2.27	\$1.67	\$0.00	\$1.67
SPRAYER	0.04	\$59.23	\$2.41	\$95.85	\$84.21	\$3.91	\$2.35	\$1.08	\$3.43
GRAIN CART	0.12	\$3.17	\$0.39	\$7.73	\$3.96	\$0.95	\$0.49	\$0.00	\$0.49
TOTAL			\$11.67			\$23.80	\$13.94	\$13.22	\$27.15

--- PLEASE NOTE: TOTALS MAY BE DIFFERENT DUE TO ROUNDING. ---

**BREAKEVEN CALCULATIONS
(BASED ON THE PREVIOUS PAGE'S BUDGET)**

	<u>PRICE/BU</u>	<u>BREAKEVEN YIELD/AC</u>
BREAKEVEN YIELD TO COVER VAR EXPENSES AT A PRICE/BU OF.....	\$8.21	25.4
BREAKEVEN YIELD TO COVER ALL EXPENSES EXCEPT FOR LAND, MANAGEMENT AND RISK AT A PRICE OF.....	\$8.21	30.5
	<u>YIELD/AC</u>	<u>BREAKEVEN PRICE/BU</u>
BREAKEVEN PRICE TO COVER VAR EXPENSES AT A YIELD/AC OF.....	40	\$5.20
BREAKEVEN PRICE TO COVER ALL EXPENSES EXCEPT FOR LAND, MANAGEMENT AND RISK AT A YIELD OF.....	40	\$6.26