

2009 FIELD CROP BUDGET

CORN GRAIN, NO-TILL NON-IRRIGATED

PER ACRE FOR 2009

ITEM	UNIT	QUANTITY	PRICE	TOTAL
GROSS INCOME				
CORN GRAIN	BUSHEL	150	\$3.97	\$595.50
VARIABLE COSTS				
SEED RR	1000 SEEDS	27	\$2.63	\$71.01
SOIL TEST	ACRE	1	0.30	0.30
NITROGEN	POUND	140	0.47	65.80
PHOSPHATE	POUND	30	0.36	10.80
POTASH	POUND	60	0.72	43.20
LIME	TON	0.5	45.00	22.50
LUMAX	QUART	2.5	13.10	32.75
ATRAZINE	QUART	0.5	1.65	0.83
ROUNDUP	QUART	1	15.50	15.50
CROP INSURANCE (CRC 70%)	ACRE	1	25.00	25.00
DRYING FUEL	BUSHEL	150	0.36	54.00
INTEREST ON OPERATING CAPITAL	\$341.69	0.5	8.5%	14.52
TOTAL VARIABLE COSTS LISTED ABOVE				\$356.21
FIXED/OVERHEAD COSTS (CUSTOM RATES ARE USED AS A PROXY FOR FIELD OPERATION COSTS)				
FERTILIZER SPREADING	ACRE	1	7.93	7.93
NO-TILL PLANTING WITH FERTILIZER	ACRE	1	21.50	21.50
NITROGEN APPLICATION	ACRE	1	8.77	8.77
PESTICIDE APPLICATIONS	ACRE	1	7.80	7.80
HARVESTING	ACRE	1	30.58	30.58
HAULING	BUSHEL	150	0.18	27.00
INTEREST ON SPRING CUSTOM CHARGES	46.00	0.5	8.5%	1.96
LAND CHARGE	ACRE	1	85.00	85.00
TOTAL FIXED COST LISTED ABOVE				\$190.54
TOTAL VARIABLE AND FIXED COST LISTED ABOVE				\$546.74
NET INCOME OVER VARIABLE & FIXED COSTS LISTED ABOVE				\$48.76
PRICES				
NET INCOME ABOVE VARIABLE AND FIXED COSTS LISTED ABOVE FOR VARIOUS YIELDS AND PRICES	YIELDS	\$2.98	\$3.97	\$4.96
	112.5	(\$211.77)	(\$100.12)	\$11.54
	150	(\$100.12)	\$48.76	\$197.63
187.5	\$11.54	\$197.63	\$383.73	

Written By:
 Ben Beale, St. Mary's County
 Shannon Dill, Talbot County
 Dale Johnson, WREC

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CORN GRAIN, CONVENTIONAL NON-IRRIGATED

PER ACRE FOR 2009

ITEM	UNIT	QUANTITY	PRICE	TOTAL
GROSS INCOME				
CORN GRAIN	BUSHEL	150	\$3.97	\$595.50
VARIABLE COSTS				
SEED	1000 SEEDS	27	\$2.10	\$56.70
SOIL TEST	ACRE	1	0.30	0.30
NITROGEN	POUND	140	0.47	65.80
PHOSPHATE	POUND	30	0.36	10.80
POTASH	POUND	60	0.72	43.20
LIME	TON	0.5	45.00	22.50
LUMAX	QUART	2.5	13.10	32.75
ATRAZINE	QUART	0.5	1.65	0.83
CROP INSURANCE (CRC 70%)	ACRE	1	25.00	25.00
DRYING FUEL	BUSHEL	150	0.36	54.00
INTEREST ON OPERATING CAPITAL	\$311.88	0.5	8.5%	13.25
TOTAL VARIABLE COSTS LISTED ABOVE				\$325.13
FIXED/OVERHEAD COSTS (CUSTOM RATES ARE USED AS A PROXY FOR FIELD OPERATION COSTS)				
CHISEL PLOWING	ACRE	1	\$16.17	\$16.17
DISKING	ACRE	1	17.72	17.72
FIELD CULTIVATOR/FINISHER	ACRE	1	15.68	15.68
FERTILIZER SPREADING	ACRE	1	7.93	7.93
PLANTING WITH FERTILIZER	ACRE	1	17.31	17.31
NITROGEN APPLICATION	ACRE	1	8.77	8.77
PESTICIDE APPLICATIONS	ACRE	1	7.80	7.80
HARVESTING	ACRE	1	30.58	30.58
HAULING	BUSHEL	150	0.18	27.00
INTEREST ON SPRING CUSTOM CHARGES	\$91.38	0.5	8.5%	3.88
LAND CHARGE	ACRE	1	85.00	85.00
TOTAL FIXED COST LISTED ABOVE				\$237.84
TOTAL VARIABLE AND FIXED COST LISTED ABOVE				\$562.97
NET INCOME OVER VARIABLE & FIXED COSTS LISTED ABOVE				\$32.53
PRICES				
NET INCOME ABOVE VARIABLE AND FIXED COSTS LISTED ABOVE FOR VARIOUS YIELDS AND PRICES	<u>YIELDS</u>	\$2.98	\$3.97	\$4.96
	112.5	(\$228.00)	(\$116.35)	(\$4.69)
	150	(\$116.35)	\$32.53	\$181.40
187.5	(\$4.69)	\$181.40	\$367.50	

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SOYBEANS RR READY		PER ACRE FOR 2009		
ITEM	UNIT	QUANTITY	PRICE	TOTAL
GROSS INCOME				
SOYBEANS	BUSHEL	40	\$10.06	\$402.40
VARIABLE COSTS				
SEED	POUND	53	\$0.95	\$50.35
SOIL TESTING	ACRE	1	0.30	0.30
PHOSPHATE	POUND	45	0.36	16.20
POTASH	POUND	40	0.72	28.80
LIME	TON	0.5	45.00	22.50
ROUNDUP	QUART	2	15.50	31.00
WARRIOR	OUNCE	3	2.22	6.66
CROP INSURANCE (CRC 70%)	ACRE	1	20.00	20.00
INTEREST ON OPERATING CAPITAL	\$175.81	0.5	8.5%	7.47
TOTAL VARIABLE COSTS LISTED ABOVE				\$183.28
FIXED/OVERHEAD COSTS (CUSTOM RATES ARE USED AS A PROXY FOR FIELD OPERATION COSTS)				
CHISEL PLOWING	ACRE	1	\$16.17	\$16.17
DISKING	ACRE	1	17.72	17.72
FIELD CULTIVATOR/FINISHER	ACRE	1	15.68	15.68
FERTILIZER APPLICATION	ACRE	1	7.93	7.93
PLANTING WITHOUT FERTILIZER	ACRE	1	20.73	20.73
PESTICIDE APPLICATIONS	ACRE	3	7.80	23.40
HARVESTING	ACRE	1	30.73	30.73
HAULING	BUSHEL	40	0.18	7.20
INTEREST ON SPRING CUSTOM CHARGES	\$101.63	0.5	8.5%	\$ 4.32
LAND CHARGE	ACRE	1	85.00	85.00
TOTAL FIXED COST LISTED ABOVE				\$228.88
TOTAL VARIABLE AND FIXED COST LISTED ABOVE				\$412.16
NET INCOME OVER VARIABLE & FIXED COSTS LISTED ABOVE				(\$9.76)
PRICES				
	YIELDS	\$7.55	\$10.06	\$12.58
NET INCOME ABOVE VARIABLE AND FIXED COSTS LISTED ABOVE FOR VARIOUS YIELDS AND PRICES	30	(\$185.81)	(\$110.36)	(\$34.91)
	40	(\$110.36)	(\$9.76)	\$90.84
	50	(\$34.91)	\$90.84	\$216.59

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WHEAT		PER ACRE FOR 2009			
ITEM		UNIT	QUANTITY	PRICE	TOTAL
GROSS INCOME					
WHEAT		BUSHEL	75	\$5.32	\$399.00
VARIABLE COSTS					
SEED		POUND	125	\$0.36	\$45.00
SOIL TESTING		ACRE	1	0.30	0.30
NITROGEN		POUND	70	0.47	32.90
PHOSPHATE		POUND	40	0.36	14.40
POTASH		POUND	40	0.72	28.80
LIME		TON	0.5	45.00	22.50
HARMONY GT XP		OUNCE	0.5	13.75	6.88
TILT		OUNCE	4	2.52	10.08
WARRIOR		OUNCE	3	2.22	6.66
OSPREY		OUNCE	4.75	3.82	18.15
CROP INSURANCE (CRC 70%)		ACRE	1.00	13.27	13.27
INTEREST ON OPERATING CAPITAL		\$198.93	0.5	8.5%	8.45
TOTAL VARIABLE COSTS LISTED ABOVE					\$207.38
FIXED/OVERHEAD COSTS (CUSTOM RATES ARE USED AS A PROXY FOR FIELD OPERATION COSTS)					
SPREADING FERTILIZER		ACRE	2	\$7.93	\$15.86
DISKING		ACRE	1	17.72	17.72
FIELD CULTIVATOR/FINISHER		ACRE	1	15.68	15.68
STALK CHOPPING		ACRE	1	12.89	12.89
DRILL SEED		ACRE	1	18.08	18.08
PESTICIDE APPLICATION		ACRE	2	7.80	15.60
HARVESTING		ACRE	1	30.43	30.43
HAULING		BUSHEL	75	0.18	13.50
INTEREST ON FALL CUSTOM CHARGES		\$95.83	0.5	8.5%	4.07
LAND CHARGE		ACRE	1	85.00	85.00
TOTAL FIXED COST LISTED ABOVE					\$228.83
TOTAL VARIABLE AND FIXED COST LISTED ABOVE					\$436.22
NET INCOME OVER VARIABLE & FIXED COSTS LISTED ABOVE					(\$37.22)
		PRICES			
		YIELDS	\$3.99	\$5.32	\$6.65
NET INCOME ABOVE VARIABLE AND		56.25	(\$211.78)	(\$136.97)	(\$62.15)
FIXED COSTS LISTED ABOVE FOR VARIOUS		75	(\$136.97)	(\$37.22)	\$62.53
YIELDS AND PRICES		93.75	(\$62.15)	\$62.53	\$187.22

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WHEAT/SOYBEAN DOUBLE CROP PER ACRE FOR 2009

ITEM	UNIT	QUANTITY	PRICE	TOTAL	
GROSS INCOME					
WHEAT	BUSHEL	75	\$5.32	\$399.00	
SOYBEANS	BUSHEL	25	\$10.06	\$251.50	
TOTAL GROSS INCOME			\$650.50		
VARIABLE COSTS					
SEED-WHEAT	POUND	125	\$0.36	\$45.00	
SEED-SOYBEANS	POUND	70	0.95	66.50	
SOIL TEST	ACRE	1	0.30	0.30	
NITROGEN	POUND	70	0.47	32.90	
PHOSPHATE	POUND	85	0.36	30.60	
POTASH	POUND	75	0.72	54.00	
LIME	TON	0.5	45.00	22.50	
HARMONY GT XP	OUNCE	0.5	13.75	6.88	
OSPREY	OUNCE	4.75	3.82	18.15	
SURFACTANT	QUART	1	2.25	2.25	
TILT	OUNCE	4	2.52	10.08	
WARRIOR	OUNCE	6	2.22	13.32	
GRAMOXONE INTEON	PINT	2	3.93	7.86	
ROUNDUP	QUART	1	15.50	15.50	
CROP INSURANCE-WHEAT (CRC 70%)	ACRE	1.00	13.27	13.27	
CROP INSURANCE-BEANS (CRC 70%)	ACRE	1.00	20.00	20.00	
INTEREST ON OPERATING CAPITAL	\$279.07	0.50	8.5%	11.86	
TOTAL VARIABLE COSTS LISTED ABOVE				370.96	
NET INCOME OVER VARIABLE COSTS LISTED ABOVE				\$279.54	
FIXED/OVERHEAD COSTS (CUSTOM RATES ARE USED AS A PROXY FOR FIELD OPERATION COSTS)					
STALK CHOP	ACRE	1	\$12.89	\$12.89	
DISKING	ACRE	1	17.72	17.72	
FERTILIZER SPREADING	ACRE	2	7.93	15.86	
DRILLING	ACRE	1	18.08	18.08	
NOTILL DRILLING	ACRE	1	20.73	20.73	
PESTICIDE APPLICATION	ACRE	4	7.80	31.20	
HARVESTING	ACRE	2	30.43	60.86	
HAULING	BUSHEL	100	0.18	18.00	
INTEREST ON FALL/SPRING CUSTOM CHARGES	\$116.48	0.5	8.5%	4.95	
LAND CHARGE	ACRE	1	85.00	85.00	
TOTAL FIXED COST LISTED ABOVE				\$285.29	
TOTAL VARIABLE AND FIXED COST LISTED ABOVE				\$656.25	
NET INCOME OVER VARIABLE & FIXED COSTS LISTED ABOVE				-\$5.75	
PRICES					
	WHEAT		\$3.99	\$5.32	\$6.65
		BEAN	\$7.55	\$10.06	\$12.58
NET INCOME ABOVE VARIABLE AND	56	19	(\$290.34)	(\$168.38)	(\$46.41)
FIXED COSTS LISTED ABOVE FOR VARIOUS	75	25	(\$168.38)	(\$5.75)	\$156.87
YIELDS AND PRICES	94	31	(\$46.41)	\$156.87	\$360.16
<i>Sensitivity Analysis based on soybeans/wheat yield and price</i>					

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