

CLEMSON

EXTENSION

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SOYBEANS - FOLLOWING WHEAT, CONSERVATION TILLAGE (ROUNDUP READY), 7-10" ROWS

ESTIMATED COSTS AND RETURNS PER ACRE, 2009/2010
65 BUSHEL WHEAT YIELD AND 30 BUSHEL SOYBEANS YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
SOYBEANS	BU.	30.00	\$9.90	\$297.00	_____
WHEAT	BU.	65.00	\$6.50	\$422.50	_____
TOTAL RECEIPTS:				\$719.50	_____
2. VARIABLE COSTS					
SEED (WHEAT)	BU.	2.00	\$17.38	\$34.76	_____
SEED (SOYBEANS)	BU.	0.83	\$42.00	\$34.86	_____
FERTILIZER **					
NITROGEN	LBS	90.00	\$0.95	\$85.50	_____
PHOSPHATE	LBS	60.00	\$1.28	\$76.80	_____
POTASH	LBS	60.00	\$0.90	\$54.00	_____
LIME (PRORATED)	TON	0.50	\$51.00	\$25.50	_____
HERBICIDES	ACRE	1.00	\$66.53	\$66.53	_____
INSECTICIDES	ACRE	1.00	\$21.99	\$21.99	_____
FUNGICIDES	ACRE	1.00	\$35.28	\$35.28	_____
AERIAL APPLICATION	APPL	1.00	\$6.00	\$6.00	_____
HAULING	BU.	95.00	\$0.40	\$38.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$64.79	\$64.79	_____
LABOR	HRS	5.13	\$6.50	\$33.35	_____
INTEREST ON OP. CAP.	DOL.	\$253.01	9.0%	\$22.77	_____
TOTAL VARIABLE COSTS:				\$600.13	_____
3. INCOME ABOVE VARIABLE COSTS:				\$119.37	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$105.65	\$105.65	_____
TOTAL FIXED COSTS:				\$105.65	_____
5. OTHER COSTS					
LAND RENT	ACRE	1.00	\$25.00	\$25.00	_____
GENERAL OVERHEAD	DOL.	\$600.13	9.0%	\$54.01	_____
TOTAL OTHER COSTS:				\$79.01	_____
6. TOTAL COSTS:				\$784.79	_____
7. NET RETURNS TO RISK AND MANAGEMENT:				-\$65.29	_____

BREAK-EVEN YIELD (SOYBEANS)

VARIABLE COSTS
TOTAL COSTS

37
48

BU.
BU.

BREAK-EVEN PRICE (SOYBEANS)

VARIABLE COSTS
TOTAL COSTS

\$12.00
\$15.70

* PLEASE NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY.

** FERTILIZER RECOMMENDATIONS MUST BE BASED ON SOIL TEST ANALYSIS.

SOYBEANS - FOLLOWING WHEAT, CONSERVATION TILLAGE (ROUNDUP READY), 7-10" ROWS

PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR DOUBLE-CROP - 7-10" ROWS - RR						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
10	FERTILIZER SPREADER	1.50	0.20	0.18	\$2.78	\$6.81
11	BROADCAST DEEP TILLAGE	1.00	0.26	0.24	\$9.17	\$8.86
6&11	NO-TILL DRILL 16'	2.00	0.31	0.28	\$9.04	\$13.16
6,7,8&9	TRACTOR MTD SPRAYER	4.00	0.70	0.64	\$6.84	\$7.24
10,12,1&4	HIBOY	4.00	0.26	0.24	\$7.96	\$15.20
11&6	COMBINE LARGE W/ HEADER	2.00	0.55	0.50	\$29.00	\$54.38
PER ACRE TOTALS FOR SELECTED OPERATIONS			2.28	2.08	\$64.79	\$105.65
UNALLOCATED LABOR(HRS./AC.)			2.85			

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES						
YIELD (BU.)		PRICE (\$/bu.)				
SOYBEANS ----->>		\$8.91	\$9.41	\$9.90	\$10.40	\$10.89
WHEAT ----->>		\$5.85	\$6.18	\$6.50	\$6.83	\$7.15
24	52	-\$74.49	-\$45.33	-\$16.93	\$12.23	\$40.63
27	59	-\$10.81	\$22.16	\$54.27	\$87.24	\$119.35
30	65	\$47.42	\$83.87	\$119.37	\$155.82	\$191.32
33	72	\$111.10	\$151.36	\$190.57	\$230.83	\$270.04
36	78	\$169.33	\$213.07	\$255.67	\$299.41	\$342.01

CHEMICAL USE ASSUMPTIONS FOR DOUBLE CROP - 7-10" ROWS - RR						
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH	
HERBICIDES:						
		thifensulfuron+tribenuron (Harmony GT 75DF OZ	0.083	\$12.80	\$1.06	AUG
		glyphosate (Roundup WeatherMax)	OZ	32.00	\$0.51	\$16.25 1X JUL, 1X AUG
		s-metolachlor (Dual Magnum EC)	PT	1.00	\$11.13	JUN
WHEAT----->		thifensulfuron+tribenuron (Harmony GT 75DF OZ	0.500	\$12.80	\$6.40	JAN
WHEAT----->		mesosulfuron-methyl (Osprey)	OZ	4.75	\$3.25	\$15.44 DEC
WHEAT----->		glyphosate (Roundup WeatherMax)	OZ	32.00	\$0.51	\$16.25 OCT
FUNGICIDES						
		pyraclostrobin (Headline)	OZ	8.00	\$2.52	\$20.16 SEP
WHEAT----->		pyraclostrobin (Headline)	OZ	6.00	\$2.52	\$15.12 DEC
INSECTICIDES						
		cyfluthrin (Baythroid)	OZ	2.00	\$1.74	\$3.48 SEP
		aldicarb (Temik)	LB	5.00	\$3.10	\$15.50 JUN
WHEAT----->		lambda-cyhalothrin (Karate-Z)	OZ	1.90	\$1.58	\$3.01 APR
TOTAL:					\$122.74	

The above listed chemicals are examples and do not imply exclusive recommendations by Clemson University. The "Pest Management Handbook" must be consulted. Production assumptions provided by Pawel Wiatrak, (803) 284-3343, pwiatra@clemson.edu.

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