

CLEMSON

EXTENSION

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SOYBEANS - FOLLOWING WHEAT, CONSERVATION TILLAGE, 7-10" ROWS

ESTIMATED COSTS AND RETURNS PER ACRE, 2010/2011
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	\$10.00	\$300.00	_____
WHEAT	BU.	65.00	\$6.00	\$390.00	_____
TOTAL RECEIPTS:				\$690.00	_____
2. VARIABLE COSTS					
SEED (WHEAT)	BU.	2.00	\$13.75	\$27.50	_____
SEED (SOYBEANS) **	BU.	0.83	\$28.50	\$23.66	_____
FERTILIZER ***					
NITROGEN	LBS	90.00	\$0.71	\$63.90	_____
PHOSPHATE	LBS	60.00	\$0.61	\$36.60	_____
POTASH	LBS	60.00	\$0.55	\$33.00	_____
LIME (PRORATED)	TON	0.50	\$51.50	\$25.75	_____
HERBICIDES	ACRE	1.00	\$36.12	\$36.12	_____
INSECTICIDES	ACRE	1.00	\$26.59	\$26.59	_____
FUNGICIDES	ACRE	1.00	\$37.49	\$37.49	_____
AERIAL APPLICATION	APPL	1.00	\$6.00	\$6.00	_____
HAULING	BU.	95.00	\$0.40	\$38.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$61.09	\$61.09	_____
LABOR	HRS	4.61	\$6.50	\$29.97	_____
INTEREST ON OP. CAP.	DOL.	\$188.85	9.0%	\$17.00	_____
TOTAL VARIABLE COSTS:				\$462.67	_____
3. INCOME ABOVE VARIABLE COSTS:				\$227.33	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$100.04	\$100.04	_____
TOTAL FIXED COSTS:				\$100.04	_____
5. OTHER COSTS					
LAND RENT	ACRE	1.00	\$25.00	\$25.00	_____
GENERAL OVERHEAD	DOL.	\$462.67	9.0%	\$41.64	_____
TOTAL OTHER COSTS:				\$66.64	_____
6. TOTAL COSTS:				\$629.35	_____
7. NET RETURNS TO RISK AND MANAGEMENT:				\$60.65	_____

BREAK-EVEN YIELD (SOYBEANS)

VARIABLE COSTS
TOTAL COSTS

28
38

BU.
BU.

BREAK-EVEN PRICE (SOYBEANS)

VARIABLE COSTS
TOTAL COSTS

\$9.25
\$12.59

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

** CONVENTIONAL SEED.

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

SOYBEANS - FOLLOWING WHEAT, CONSERVATION TILLAGE, 7-10" ROWS						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR DOUBLE-CROP - 7-10" ROWS						
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
6,8&9	TRACTOR MTD SPRAYER	3.00	0.53	0.48	\$5.13	\$5.43
12,1&4	HIBOY	3.00	0.20	0.18	\$5.97	\$11.40
11&6	COMBINE LARGE W/ HEADER	2.00	0.55	0.50	\$29.00	\$54.38
PER ACRE TOTALS FOR SELECTED OPERATIONS			2.05	1.86	\$61.09	\$100.04
UNALLOCATED LABOR(HRS./AC.)			2.56			

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES						
YIELD (BU.)		PRICE (\$/bu.)				
SOYBEANS ----->>		\$9.00	\$9.50	\$10.00	\$10.50	\$11.00
WHEAT ----->>		\$5.40	\$5.70	\$6.00	\$6.30	\$6.60
24	52	\$41.73	\$69.33	\$96.93	\$124.53	\$152.13
27	59	\$102.53	\$133.73	\$164.93	\$196.13	\$227.33
30	65	\$158.33	\$192.83	\$227.33	\$261.83	\$296.33
33	72	\$219.13	\$257.23	\$295.33	\$333.43	\$371.53
36	78	\$274.93	\$316.33	\$357.73	\$399.13	\$440.53

CHEMICAL USE ASSUMPTIONS FOR DOUBLE-CROP - 7-10" ROWS						
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH	
HERBICIDES:						
		thifensulfuron+tribenuron (Harmony GT 75DF OZ	0.083	\$11.44	\$0.95	AUG
		paraquat (Gramoxone Extra) PT	1.00	\$3.66	\$3.66	JUN
		s-metolachlor (Dual Magnum EC) PT	1.00	\$12.30	\$12.30	JUN
WHEAT----->		thifensulfuron+tribenuron (Harmony GT 75DF OZ	0.50	\$11.44	\$5.72	JAN
WHEAT----->		mesosulfuron-methyl (Osprey) OZ	4.75	\$2.84	\$13.49	DEC
FUNGICIDES						
		pyraclostrobin (Headline) OZ	8.00	\$2.68	\$21.42	SEP
WHEAT----->		pyraclostrobin (Headline) OZ	6.00	\$2.68	\$16.07	DEC
INSECTICIDES						
		cyfluthrin (Baythroid) OZ	2.00	\$2.11	\$4.22	SEP
		aldicarb (Temik) LB	5.00	\$3.48	\$17.40	JUN
WHEAT----->		lambda-cyhalothrin (Karate-Z) OZ	1.90	\$2.62	\$4.97	APR
TOTAL:				\$100.20		

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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