

CLEMSON COOPERATIVE EXTENSION

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

ESTIMATED COSTS AND RETURNS PER ACRE.

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	\$9.50	\$285.00	_____
WHEAT	BU.	65.00	\$5.00	\$325.00	_____
TOTAL RECEIPTS:				\$610.00	\$0.00
2. VARIABLE COSTS					
SEED (WHEAT)	BU.	2.00	\$17.25	\$34.50	_____
SEED (SOYBEANS)	BU.	0.83	\$55.50	\$46.07	_____
FERTILIZER **					
NITROGEN	LBS	90.00	\$0.77	\$69.30	_____
PHOSPHATE	LBS	60.00	\$0.49	\$29.40	_____
POTASH	LBS	60.00	\$0.33	\$19.80	_____
LIME (PRORATED)	TON	0.50	\$45.00	\$22.50	_____
HERBICIDES	ACRE	1.00	\$89.20	\$89.20	_____
INSECTICIDES	ACRE	1.00	\$28.91	\$28.91	_____
FUNGICIDES	ACRE	1.00	\$54.36	\$54.36	_____
AERIAL APPLICATION	APPL	1.00	\$10.00	\$10.00	_____
HAULING	BU.	95.00	\$0.70	\$66.50	_____
TRACTOR/MACHINERY	ACRE	1.00	\$59.23	\$59.23	_____
LABOR	HRS	5.13	\$9.50	\$48.74	_____
INTEREST ON OP. CAP.	DOL.	\$289.26	5.0%	\$14.46	_____
TOTAL VARIABLE COSTS:				\$592.97	\$0.00
3. INCOME ABOVE VARIABLE COSTS:				\$17.03	\$0.00
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$95.64	\$95.64	_____
TOTAL FIXED COSTS:				\$95.64	\$0.00
5. OTHER COSTS					
LAND RENT	ACRE	1.00	\$60.00	\$60.00	_____
GENERAL OVERHEAD	DOL.	\$592.97	7.0%	\$41.51	_____
TOTAL OTHER COSTS:				\$101.51	\$0.00
6. TOTAL COSTS:				\$790.12	\$0.00
7. NET RETURNS TO RISK AND MANAGEMENT:				-\$180.12	\$0.00

BREAK-EVEN YIELD (SOYBEANS)		BREAK-EVEN PRICE (SOYBEANS)	
VARIABLE COSTS	38 BU.	VARIABLE COSTS	\$11.86
TOTAL COSTS	52 BU.	TOTAL COSTS	\$15.80

* 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	\$2.43	\$6.05
11	BROADCAST DEEP TILLAGE	1.00	0.26	0.24	\$7.54	\$7.87
6&11	NO-TILL DRILL 16'	2.00	0.31	0.28	\$7.86	\$11.50
6,7,8&9	TRACTOR MTD SPRAYER	4.00	0.70	0.64	\$5.40	\$6.28
10,12,1&4	HIBOY	4.00	0.26	0.24	\$7.60	\$13.20
11&6	COMBINE LARGE W/ HEADER	2.00	0.55	0.50	\$28.40	\$50.74
PER ACRE TOTALS FOR SELECTED OPERATIONS			2.28	2.08	\$59.23	\$95.64
UNALLOCATED LABOR(HRS./AC.)			2.85			

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES						
YIELD (BU.)		PRICE (\$/bu.)				
SOYBEANS ----->>		\$8.55	\$9.03	\$9.50	\$9.98	\$10.45
WHEAT ----->>		\$4.50	\$4.75	\$5.00	\$5.25	\$5.50
24	52	#####	-\$115.95	-\$91.67	-\$67.15	-\$42.87
27	59	-\$90.32	-\$62.61	-\$35.17	-\$7.46	\$19.98
30	65	-\$43.97	-\$13.32	\$17.03	\$47.68	\$78.03
33	72	\$6.18	\$40.02	\$73.53	\$107.37	\$140.88
36	78	\$52.53	\$89.31	\$125.73	\$162.51	\$198.93

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	\$13.50	\$1.12	AUG
	glyphosate (Roundup WeatherMax)	OZ	18.00	\$0.25	\$4.57	JUL
	fomesafen (Flextar)	PT	1.25	\$7.38	\$9.22	JUL
	s-metolachlor	PT	1.00	\$14.06	\$14.06	JUN
	flumioxazin (Valor)	OZ	4.00	\$7.06	\$28.25	JUN
WHEAT----->	thifensulfuron+tribenuron (Harmony GT 75DF)	OZ	0.500	\$13.50	\$6.75	JAN
WHEAT----->	mesosulfuron-methyl (Osprey)	OZ	4.75	\$3.60	\$17.10	DEC
WHEAT----->	glyphosate (Roundup WeatherMax)	OZ	32.00	\$0.25	\$8.13	OCT
FUNGICIDES						
	pyraclostrobin (Headline)	OZ	8.00	\$3.88	\$31.06	SEP
WHEAT----->	pyraclostrobin (Headline)	OZ	6.00	\$3.88	\$23.30	DEC
INSECTICIDES						
	cyfluthrin (Baythroid)	OZ	2.00	\$2.70	\$5.39	SEP
	aldicarb (Temik)	LB	5.00	\$3.65	\$18.25	JUN
WHEAT----->	lambda-cyhalothrin (Karate-Z)	OZ	1.90	\$2.77	\$5.27	APR
TOTAL:				\$171.35		

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 David H Gunter, Extension Specialist, 843-662-3526, dgunter@clemson.edu

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