

CLEMSON COOPERATIVE EXTENSION

Last revised: 1/15/2016

SOYBEANS - FOLLOWING WHEAT, CONSERVATION TILLAGE, 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	\$42.50	\$35.28	_____
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	\$76.50	\$76.50	_____
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	\$57.33	\$57.33	_____
LABOR	HRS	5.00	\$9.50	\$47.50	_____
INTEREST ON OP. CAP.	DOL.	\$275.94	5.0%	\$13.80	_____
TOTAL VARIABLE COSTS:				\$565.68	\$0.00
3. INCOME ABOVE VARIABLE COSTS:				\$44.32	\$0.00
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$92.34	\$92.34	_____
TOTAL FIXED COSTS:				\$92.34	\$0.00
5. OTHER COSTS					
LAND RENT	ACRE	1.00	\$60.00	\$60.00	_____
GENERAL OVERHEAD	DOL.	\$565.68	7.0%	\$39.60	_____
TOTAL OTHER COSTS:				\$99.60	\$0.00
6. TOTAL COSTS:				\$757.62	\$0.00
7. NET RETURNS TO RISK AND MANAGEMENT:				-\$147.62	\$0.00
BREAK-EVEN YIELD (SOYBEANS)					
VARIABLE COSTS	36	BU.	BREAK-EVEN PRICE (SOYBEANS)		
TOTAL COSTS	49	BU.	VARIABLE COSTS	\$11.31	
			TOTAL COSTS	\$15.15	

* 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	\$2.43	\$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
12,1&4	HIBOY	3.00	0.20	0.18	\$5.70	\$9.90
11&6	COMBINE LARGE W/ HEADER	2.00	0.55	0.50	\$28.40	\$50.74
PER ACRE TOTALS FOR SELECTED OPERATIONS			2.22	2.02	\$57.33	\$92.34
UNALLOCATED LABOR(HRS./AC.)			2.78			

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	#####	-\$88.66	-\$64.38	-\$39.86	-\$15.58
27	59	-\$63.03	-\$35.32	-\$7.88	\$19.83	\$47.27
30	65	-\$16.68	\$13.97	\$44.32	\$74.97	\$105.32
33	72	\$33.47	\$67.31	\$100.82	\$134.66	\$168.17
36	78	\$79.82	\$116.60	\$153.02	\$189.80	\$226.22

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	\$13.50	\$1.12	AUG
	flumioxazin (Valor)	OZ	4.00	\$7.06	\$28.25	JUN
	s-metolachlor	PT	1.00	\$14.06	\$14.06	JUN
	fomesafen (Flextar)	PT	1.25	\$7.38	\$9.22	JUL
WHEAT----->	thifensulfuron+tribenuron (Harmony GT 75DF)	OZ	0.50	\$13.50	\$6.75	JAN
WHEAT----->	mesosulfuron-methyl (Osprey)	OZ	4.75	\$3.60	\$17.10	DEC
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:				\$159.77		

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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