

CLEMSON

EXTENSION

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SOYBEANS - FULL SEASON, CONVENTIONAL TILLAGE (ROUNDUP READY), 30" ROWS

ESTIMATED COSTS AND RETURNS PER ACRE, 2009/2010
35 BUSHEL ACTUAL YIELD.

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
SOYBEANS	BU.	35.00	\$9.90	\$346.50	_____
TOTAL RECEIPTS:				\$346.50	_____
2. VARIABLE COSTS					
SEED (CERTIFIED)	BU.	0.56	\$42.00	\$23.52	_____
FERTILIZER **					
PHOSPHATE	LBS	50.00	\$1.28	\$64.00	_____
POTASH	LBS	50.00	\$0.90	\$45.00	_____
LIME (PRORATED)	TON	0.50	\$51.00	\$25.50	_____
HERBICIDES	ACRE	1.00	\$28.44	\$28.44	_____
INSECTICIDES	ACRE	1.00	\$18.98	\$18.98	_____
FUNGICIDES	ACRE	1.00	\$20.16	\$20.16	_____
AERIAL APPLICATION	APPL	1.00	\$6.00	\$6.00	_____
HAULING	BU.	35.00	\$0.40	\$14.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$42.22	\$42.22	_____
LABOR	HRS	4.61	\$6.50	\$29.97	_____
INTEREST ON OP. CAP.	DOL.	\$136.91	9.0%	\$12.32	_____
TOTAL VARIABLE COSTS:				\$330.11	_____
3. INCOME ABOVE VARIABLE COSTS:				\$16.39	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$61.87	\$61.87	_____
TOTAL FIXED COSTS:				\$61.87	_____
5. OTHER COSTS					
LAND RENT	ACRE	1.00	\$25.00	\$25.00	_____
GENERAL OVERHEAD	DOL.	\$330.11	9.0%	\$29.71	_____
TOTAL OTHER COSTS:				\$54.71	_____
6. TOTAL COSTS:				\$446.69	_____
7. NET RETURNS TO RISK AND MANAGEMENT:				-\$100.19	_____

BREAK-EVEN YIELD

VARIABLE COSTS
TOTAL COSTS

33 BU.
46 BU.

BREAK-EVEN PRICE

VARIABLE COSTS
TOTAL COSTS

\$9.43
\$12.76

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

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

SOYBEANS - FULL SEASON, CONVENTIONAL TILLAGE (ROUNDUP READY), 30" ROWS						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 35 BUSHEL SOYBEANS - 30" ROWS - RR						
MONTH	OPERATION	TIMES	LABOR	MACHINE	VARIABLE	FIXED
		OVER	HOURS	HOURS	COSTS	COSTS
4	FERTILIZER SPREADER	1.50	0.20	0.18	\$2.78	\$6.81
4	HEAVY DISK 16'	1.00	0.13	0.12	\$3.71	\$4.14
5	DISK W/ SPRAYER 16'	1.00	0.17	0.15	\$2.97	\$3.77
5	SUBSOILER-PLANTER 6-ROW	1.00	0.20	0.18	\$7.34	\$8.93
5,6,7,8&9	TRACTOR MTD SPRAYER	5.00	0.88	0.80	\$8.55	\$9.05
6	CULTIVATOR 6-ROW	1.00	0.19	0.17	\$2.37	\$1.98
10	COMBINE LARGE W/ HEADER	1.00	0.28	0.25	\$14.50	\$27.19
PER ACRE TOTALS FOR SELECTED OPERATIONS			2.05	1.85	\$42.22	\$61.87
UNALLOCATED LABOR(HRS./AC.)			2.56			

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES					
YIELD	PRICE (\$/bu.)				
BU.	\$8.91	\$9.41	\$9.90	\$10.40	\$10.89
32	-\$43.79	-\$27.79	-\$12.11	\$3.89	\$19.57
33	-\$35.28	-\$18.78	-\$2.61	\$13.89	\$30.06
35	-\$18.26	-\$0.76	\$16.39	\$33.89	\$51.04
37	-\$1.24	\$17.26	\$35.39	\$53.89	\$72.02
39	\$15.78	\$35.28	\$54.39	\$73.89	\$93.00

CHEMICAL USE ASSUMPTIONS FOR 35 BUSHEL SOYBEANS - 30" ROWS - RR					
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH
HERBICIDES:					
glyphosate (Roundup WeatherMax)	OZ	32.00	\$0.51	\$16.25	1X JUN, 1X JUL
s-metolachlor (Dual Magnum EC)	PT	1.00	\$11.13	\$11.13	MAY
thifensulfuron+tribenuron (Harmony GT 7 $\frac{1}{2}$)	OZ	0.083	\$12.80	\$1.06	JUL
INSECTICIDE					
cyfluthrin (Baythroid)	OZ	2.00	\$1.74	\$3.48	SEP
aldicarb (Temik)	LB	5.00	\$3.10	\$15.50	MAY
FUNGICIDE					
pyraclostrobin (Headline)	OZ	8.00	\$2.52	\$20.16	AUG
TOTAL:				\$67.58	

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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