

# CLEMSON

## EXTENSION

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

ESTIMATED COSTS AND RETURNS PER ACRE, 2010/2011  
35 BUSHEL ACTUAL YIELD.

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
<b>1. GROSS RECEIPTS</b>					
SOYBEANS	BU.	35.00	\$10.00	\$350.00	_____
TOTAL RECEIPTS:				<b>\$350.00</b>	_____
<b>2. VARIABLE COSTS</b>					
SEED (CERTIFIED)	BU.	0.56	\$47.50	\$26.60	_____
FERTILIZER **					
PHOSPHATE	LBS	50.00	\$0.61	\$30.50	_____
POTASH	LBS	50.00	\$0.55	\$27.50	_____
LIME (PRORATED)	TON	0.50	\$51.50	\$25.75	_____
HERBICIDES	ACRE	1.00	\$30.69	\$30.69	_____
INSECTICIDES	ACRE	1.00	\$21.62	\$21.62	_____
FUNGICIDES	ACRE	1.00	\$21.42	\$21.42	_____
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.	\$116.15	9.0%	\$10.45	_____
TOTAL VARIABLE COSTS:				<b>\$286.72</b>	_____
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				<b>\$63.28</b>	_____
<b>4. FIXED COSTS</b>					
TRACTOR/MACHINERY	ACRE	1.00	\$61.87	\$61.87	_____
TOTAL FIXED COSTS:				<b>\$61.87</b>	_____
<b>5. OTHER COSTS</b>					
LAND RENT	ACRE	1.00	\$25.00	\$25.00	_____
GENERAL OVERHEAD	DOL.	\$286.72	9.0%	\$25.80	_____
TOTAL OTHER COSTS:				<b>\$50.80</b>	_____
<b>6. TOTAL COSTS:</b>				<b>\$399.39</b>	_____
<b>7. NET RETURNS TO RISK AND MANAGEMENT:</b>				<b>-\$49.39</b>	_____

#### BREAK-EVEN YIELD

VARIABLE COSTS  
TOTAL COSTS

28 BU.  
40 BU.

#### BREAK-EVEN PRICE

VARIABLE COSTS  
TOTAL COSTS

\$8.19  
\$11.41

\* 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 OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED 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.	\$9.00	\$9.50	\$10.00	\$10.50	\$11.00
32	\$2.48	\$18.48	\$34.48	\$50.48	\$66.48
33	\$11.08	\$27.58	\$44.08	\$60.58	\$77.08
35	\$28.28	\$45.78	\$63.28	\$80.78	\$98.28
37	\$45.48	\$63.98	\$82.48	\$100.98	\$119.48
39	\$62.68	\$82.18	\$101.68	\$121.18	\$140.68

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	\$0.54	\$17.44	1X JUN, 1X JUL
s-metolachlor (Dual Magnum EC)	PT	1.00	\$12.30	\$12.30	MAY
thifensulfuron+tribenuron (Harmony GT 7 $\frac{1}{2}$ )	OZ	0.083	\$11.44	\$0.95	JUL
INSECTICIDE					
cyfluthrin (Baythroid)	OZ	2.00	\$2.11	\$4.22	SEP
aldicarb (Temik)	LB	5.00	\$3.48	\$17.40	MAY
FUNGICIDE					
pyraclostrobin (Headline)	OZ	8.00	\$2.68	\$21.42	AUG
TOTAL:				\$73.73	

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](mailto:pwiatra@clemson.edu).

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