

# CLEMSON COOPERATIVE EXTENSION

Last revised: 02/06/2017

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

ESTIMATED COSTS AND RETURNS PER ACRE  
35 BUSHEL ACTUAL YIELD.

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
<b>1. GROSS RECEIPTS</b>					
SOYBEANS	BU.	35.00	\$9.85	\$344.75	_____
TOTAL RECEIPTS:				<b>\$344.75</b>	=====
<b>2. VARIABLE COSTS</b>					
SEED	140K	0.71	\$75.00	\$53.25	_____
FERTILIZER **					
PHOSPHATE	LBS	50.00	\$0.51	\$25.50	_____
POTASH	LBS	50.00	\$0.40	\$20.00	_____
LIME (PRORATED)	TON	0.50	\$47.50	\$23.75	_____
HERBICIDES	ACRE	1.00	\$48.03	\$48.03	_____
INSECTICIDES	ACRE	1.00	\$20.16	\$20.16	_____
FUNGICIDES	ACRE	1.00	\$30.16	\$30.16	_____
AERIAL APPLICATION	APPL	1.00	\$10.00	\$10.00	_____
HAULING	BU.	35.00	\$0.35	\$12.25	_____
CHECK OFF FEE	ACRE	1.00	\$1.72	\$1.72	_____
CROP INSURANCE	ACRE	1.00	\$20.00	\$20.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$39.38	\$39.38	_____
LABOR	HRS	3.58	\$11.25	\$40.28	_____
CROP SCOUTING	ACRE	1.00	\$10.00	\$10.00	_____
INTEREST ON OP. CAP.	DOL.	\$172.24	5.0%	\$8.61	_____
TOTAL VARIABLE COSTS:				<b>\$363.09</b>	=====
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				<b>-\$18.34</b>	=====
<b>4. FIXED COSTS</b>					
TRACTOR/MACHINERY	ACRE	1.00	\$74.38	\$74.38	_____
TOTAL FIXED COSTS:				<b>\$74.38</b>	=====
<b>5. OTHER COSTS</b>					
LAND RENT	ACRE	1.00	\$60.00	\$60.00	_____
GENERAL OVERHEAD	DOL.	\$363.09	7.0%	\$25.42	_____
TOTAL OTHER COSTS:				<b>\$85.42</b>	=====
<b>6. TOTAL COSTS:</b>				<b>\$522.89</b>	=====
<b>7. NET RETURNS TO RISK AND MANAGEMENT:</b>				<b>-\$178.14</b>	=====

<u>BREAK-EVEN YIELD</u>			<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	37	BU.	VARIABLE COSTS	\$10.37
TOTAL COSTS	54	BU.	TOTAL COSTS	\$14.94

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

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

SEED COST INCLUDES TECH. FEE AND TREATMENT. PLEASE ADJUST ACCORDINGLY IF USING THIMET OR ALDICARB

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	HEAVY DISK 16'	1.00	0.13	0.12	\$2.97	\$3.69
5	DISK W/ SPRAYER 16'	1.00	0.17	0.15	\$2.40	\$3.38
5	PLANTER W/ SPRAYER 8-ROW	1.00	0.13	0.12	\$3.12	\$4.62
5,6,7,8&9	TRACTOR MTD SPRAYER	5.00	0.88	0.80	\$6.75	\$7.85
10	COMBINE LARGE W/ HEADER	1.00	0.28	0.25	\$24.14	\$54.84
PER ACRE TOTALS FOR SELECTED OPERATIONS			1.59	1.44	\$39.38	\$74.38
UNALLOCATED LABOR(HRS./AC.)			1.99			

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES						
YIELD	PRICE (\$/bu.)					
BU.	\$8.87	\$9.36	\$9.85	\$10.34	\$10.84	
32	-\$78.20	-\$62.52	-\$46.84	-\$31.16	-\$15.16	
33	-\$69.68	-\$53.51	-\$37.34	-\$21.17	-\$4.67	
35	-\$52.64	-\$35.49	-\$18.34	-\$1.19	\$16.31	
37	-\$35.60	-\$17.47	\$0.66	\$18.79	\$37.29	
39	-\$18.56	\$0.55	\$19.66	\$38.77	\$58.27	

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	18.00	\$0.25	\$4.57	JUN	
fomesafen (Flextar)	PT	1.25	\$7.38	\$9.22	JUN	
s-metolachlor	PT	1.00	\$14.06	\$14.06	MAY	
flumioxazin (Valor)	OZ	2.00	\$7.06	\$14.13	MAY	
thifensulfuron+tribenuron (Harmony GT 7)	OZ	0.083	\$13.50	\$1.12	JUL	
2,4-D	PT	0.083	\$2.13	\$0.18	MAR	
glyphosate (generic)	OZ	32.000	\$0.15	\$4.75	MAR	
INSECTICIDE						
cyfluthrin (Baythroid)	OZ	2.00	\$2.70	\$5.39	SEP	
prevathon	OZ	14.00	\$1.05	\$14.77	JUL	
FUNGICIDE						
pyraclostrobin (Headline)	OZ	8.00	\$3.77	\$30.16	AUG	
TOTAL:				\$98.35		

The above listed chemicals are examples and do not imply exclusive recommendations by Clemson University. Contact your local Extension Agent and consult the South Carolina Pest Management Handbook for more information.

Clemson University Cooperative Extension Service offers its programs to people of all ages, regardless of race, color, gender, religion, national origin, disability, political beliefs, sexual orientation, gender identity, marital or family status and is an equal opportunity employer.