

# CLEMSON COOPERATIVE EXTENSION

Last revised: 02/06/2017

## SOYBEANS - FULL SEASON, CONSERVATION TILLAGE (ROUNDUP READY), 7-10" 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	0.93	\$75.00	\$69.75	_____
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	\$31.06	\$31.06	_____
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	\$42.36	\$42.36	_____
LABOR	HRS	3.53	\$11.25	\$39.71	_____
CROP SCOUTING	ACRE	1.00	\$10.00	\$10.00	_____
INTEREST ON OP. CAP.	DOL.	\$182.15	5.0%	\$9.11	_____
TOTAL VARIABLE COSTS:				<b>\$383.40</b>	=====
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				<b>-\$38.65</b>	=====
<b>4. FIXED COSTS</b>					
TRACTOR/MACHINERY	ACRE	1.00	\$76.31	\$76.31	_____
TOTAL FIXED COSTS:				<b>\$76.31</b>	=====
<b>5. OTHER COSTS</b>					
LAND RENT	ACRE	1.00	\$60.00	\$60.00	_____
GENERAL OVERHEAD	DOL.	\$383.40	7.0%	\$26.84	_____
TOTAL OTHER COSTS:				<b>\$86.84</b>	=====
<b>6. TOTAL COSTS:</b>				<b>\$546.55</b>	=====
<b>7. NET RETURNS TO RISK AND MANAGEMENT:</b>				<b>-\$201.80</b>	=====

<u>BREAK-EVEN YIELD</u>			<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	39	BU.	VARIABLE COSTS	\$10.95
TOTAL COSTS	56	BU.	TOTAL COSTS	\$15.62

\* 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, CONSERVATION TILLAGE (ROUNDUP READY), 7-10" ROWS						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 35 BUSHEL SOYBEANS - 7-10" ROWS - RR						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
4	BROADCAST DEEP TILLAGE	1.00	0.26	0.24	\$7.54	\$7.87
5	NO-TILL DRILL 16'	1.00	0.15	0.14	\$3.93	\$5.75
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			1.57	1.43	42.36	\$76.31
UNALLOCATED LABOR(HRS./AC.)			1.96			

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES					
YIELD	PRICE (\$/bu.)				
BU.	\$8.87	\$9.36	\$9.85	\$10.34	\$10.84
32	-\$98.51	-\$82.83	-\$67.15	-\$51.47	-\$35.47
33	-\$89.99	-\$73.82	-\$57.65	-\$41.48	-\$24.98
35	-\$72.95	-\$55.80	-\$38.65	-\$21.50	-\$4.00
37	-\$55.91	-\$37.78	-\$19.65	-\$1.52	\$16.98
39	-\$38.87	-\$19.76	-\$0.65	\$18.46	\$37.96

CHEMICAL USE ASSUMPTIONS FOR 35 BUSHEL SOYBEANS - 7-10" 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 75)	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	
FUNGICIDE					
pyraclostrobin (Headline)	OZ	8.00	\$3.88	\$31.06	AUG
TOTAL:				\$99.25	

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.

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