CLEMSON COOPERATIVE EXTENSION

Last revised: 1/15/2016

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
1. GROSS RECEIPTS					
SOYBEANS	BU.	35.00	$9.50	$332.50	
TOTAL RECEIPTS:				**$332.50**	**$0.00**
2. VARIABLE COSTS					
SEED (CERTIFIED)	BU.	0.56	$55.50	$31.08	
FERTILIZER **					
PHOSPHATE	LBS	50.00	$0.49	$24.50	
POTASH	LBS	50.00	$0.33	$16.50	
LIME (PRORATED)	TON	0.50	$45.00	$22.50	
HERBICIDES	ACRE	1.00	$57.22	$57.22	
INSECTICIDES	ACRE	1.00	$23.64	$23.64	
FUNGICIDES	ACRE	1.00	$31.06	$31.06	
AERIAL APPLICATION	APPL	1.00	$10.00	$10.00	
HAULING	BU.	35.00	$0.70	$24.50	
TRACTOR/MACHINERY	ACRE	1.00	$36.95	$36.95	
LABOR	HRS	4.61	$9.50	$43.80	
INTEREST ON OP. CAP.	DOL.	$160.88	5.0%	$8.04	
TOTAL VARIABLE COSTS:				**$329.79**	**$0.00**
3. INCOME ABOVE VARIABLE COSTS:				**$2.71**	**$0.00**
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	$55.98	$55.98	
TOTAL FIXED COSTS:				**$55.98**	**$0.00**
5. OTHER COSTS					
LAND RENT	ACRE	1.00	$60.00	$60.00	
GENERAL OVERHEAD	DOL.	$329.79	7.0%	$23.09	
TOTAL OTHER COSTS:				**$83.09**	**$0.00**
6. TOTAL COSTS:				**$468.86**	**$0.00**
7. NET RETURNS TO RISK AND MANAGEMENT:				**-$136.36**	**$0.00**

BREAK-EVEN YIELD			**BREAK-EVEN PRICE**	
VARIABLE COSTS	35	BU.	VARIABLE COSTS	$9.42
TOTAL COSTS	51	BU.	TOTAL COSTS	$13.40

* 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	$2.43	$6.05
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	SUBSOILER-PLANTER 6-ROW	1.00	0.20	0.18	$6.35	$7.92
5,6,7,8&9	TRACTOR MTD SPRAYER	5.00	0.88	0.80	$6.75	$7.85
6	CULTIVATOR 6-ROW	1.00	0.19	0.17	$1.85	$1.72
10	COMBINE LARGE W/ HEADER	1.00	0.28	0.25	$14.20	$25.37
PER ACRE TOTALS FOR SELECTED OPERATIONS			2.05	1.85	$36.95	$55.98
UNALLOCATED LABOR(HRS./AC.)			2.56			

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES

YIELD	PRICE ($/bu.)				
BU.	$8.55	$9.03	$9.50	$9.98	$10.45
32	-$54.09	-$38.73	-$23.69	-$8.33	$6.71
33	-$46.24	-$30.40	-$14.89	$0.95	$16.46
35	-$30.54	-$13.74	$2.71	$19.51	$35.96
37	-$14.84	$2.92	$20.31	$38.07	$55.46
39	$0.86	$19.58	$37.91	$56.63	$74.96

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	4.00	$7.06	$28.25	MAY
thifensulfuron+tribenuron (Harmony GT 7!	OZ	0.083	$13.50	$1.12	JUL
INSECTICIDE					
cyfluthrin (Baythroid)	OZ	2.00	$2.70	$5.39	SEP
aldicarb (Temik)	LB	5.00	$3.65	$18.25	MAY
FUNGICIDE					
pyraclostrobin (Headline)	OZ	8.00	$3.88	$31.06	AUG
TOTAL:				$111.92	

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.ec

THE CLEMSON UNIVERSITY COOPERATIVE EXTENSION SERVICE OFFERS ITS PROGRAMS TO PEOPLE OF ALL AGES, REGARDLESS OF RACE, COLOR, SEX, RELIGION, NATIONAL ORIGIN, OR HANDICAP AND IS AN EQUAL OPPORTUNITY EMPLOYER. COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS--STATE OF SOUTH CAROLINA, CLEMSON UNIVERSITY, U.S. DEPARTMENT OF AGRICULTURE, AND SOUTH CAROLINA COUNTIES COOPERATING.