

**SOYBEANS, STRIP-TILLAGE, NON-IRRIGATED
ROUNDUP READY
SOUTH GEORGIA, 2007**

ESTIMATED COSTS AND RETURNS

Expected Yield

30 Bushels

YIELD: YOUR FARM _____

VARIABLE COSTS	Unit	Number of Units	\$/Unit	Cost/Acre	\$/Bushels	Your Farm
Seed	Lbs	1.00	\$ 30.00	\$ 30.00	\$ 1.00	_____
Cover Seed	Bu.	5.00	\$ 4.00	\$ 20.00	\$ 0.67	_____
Lime	Tons	0.33	\$ 28.00	\$ 9.24	\$ 0.31	_____
Fertilizer						
Nitrogen	Lbs	0.00	\$ 0.43	\$ -	\$ -	_____
Phosphate (P2O5)	Lbs	40.00	\$ 0.31	\$ 12.40	\$ 0.41	_____
Potash (K2O)	Lbs	80.00	\$ 0.23	\$ 18.40	\$ 0.61	_____
Boron	Lbs	0.50	\$ 3.75	\$ 1.88	\$ 0.06	_____
Weed Control	Acre	1.00	\$ 15.80	\$ 15.80	\$ 0.53	_____
Insect Control	Acre	1.00	\$ 5.50	\$ 5.50	\$ 0.18	_____
Disease Control*	Acre	1.00	\$ -	\$ -	\$ -	_____
<i>Machinery: Preharvest</i>						
Fuel	Gallon	2.73	\$ 2.25	\$ 6.14	\$ 0.20	_____
Repairs & Maintenance	Acre	1.00	\$ 4.60	\$ 4.60	\$ 0.15	_____
<i>Machinery: Harvest</i>						
Fuel	Gallon	2.38	\$ 2.25	\$ 5.36	\$ 0.18	_____
Repairs & Maintenance	Acre	1.00	\$ 3.92	\$ 3.92	\$ 0.13	_____
Labor	Hrs	0.69	\$ 10.00	\$ 6.94	\$ 0.23	_____
Crop Insurance	Acre	1.00	\$ 8.00	\$ 8.00	\$ 0.27	_____
Land Rental	Acre	1.00	\$ -	\$ -	\$ -	_____
Interest on Operating capital	Percent	\$ 74.08	8.00%	\$ 5.93	\$ 0.20	_____
Drying - 8 points	Bushel	30.00	\$ -	\$ -	\$ -	_____
Total Variable Costs				\$ 154.09	\$ 5.14	_____

Fixed Costs:

Machinery: Depreciation, Taxes, Insurance, and Housing

Preharvest	Acre	1.00	\$ 13.17	\$ 13.17	\$ 0.44	_____
Harvest	Acre	1.00	\$ 25.39	\$ 25.39	\$ 0.85	_____
General Overhead	% of VC	\$ 154.09	5.00%	\$ 7.70	\$ 0.26	_____
Management	% of VC	\$ 154.09	5.00%	\$ 7.70	\$ 0.26	_____
Owned Land Costs; Taxes, Cash Payment, Etc.	Acre	1.00	\$ -	\$ -	\$ -	_____
Other _____		1.00	\$ -	\$ -	\$ -	_____
Total Fixed Costs				\$ 53.97	\$ 1.80	_____

TOTAL COSTS AND PROFIT GOAL

Total Costs Excluding Land	\$ 208.05	\$ 6.94
**** YOUR PROFIT GOAL ****	\$ _____/Bu.	
\$\$-PRICE NEEDED FOR PROFIT-\$\$	\$ _____/Bu.	

* Note: In the case of Asian Soybean Rust infection, add \$10-\$25 for fungicide sprays.

Sensitivity Analysis of SOYBEANS, STRIP-TILLAGE, NON-IRRIGATED

NET RETURNS ABOVE VARIABLE COSTS PER ACRE						
Varying Prices and Yield (Bushels)						
	-25%	-10%	Average	+10%	+25%	
	22.5	27	30	33	37.5	
\$ 6.00	\$ (19.09)	\$ 7.91	\$ 25.91	\$ 43.91	\$ 70.91	
\$ 6.25	\$ (13.46)	\$ 14.66	\$ 33.41	\$ 52.16	\$ 80.29	
\$ 6.50	\$ (7.84)	\$ 21.41	\$ 40.91	\$ 60.41	\$ 89.66	
\$ 6.75	\$ (2.21)	\$ 28.16	\$ 48.41	\$ 68.66	\$ 99.04	
\$ 7.00	\$ 3.41	\$ 34.91	\$ 55.91	\$ 76.91	\$ 108.41	

ESTIMATED LABOR AND MACHINERY COSTS PER ACRE

PREHARVEST OPERATIONS							
Operation	Acres/Hour	Number Times Over	Labor Use (Hr.)	Fuel Use (Gal./Ac)	Machinery Repairs (\$/Ac)	Fixed Costs (\$/Ac)	
Spin Spreader5 ton with Tractor (120-139 hp)-2WD 130	23.758	1.00	0.04	0.28	0.47	1.34	
Disk Harrow42' with Tractor (180-199 hp)-MFWD 190	21.382	1.00	0.05	0.46	1.00	2.91	
Spray (Broadcast)60' with Tractor (120-139 hp)-2WD 130	35.455	1.00	0.03	0.19	0.24	0.59	
ST Plant-Rigid6R-36 with Tractor (180-199 hp)-MFWD 190	6.873	1.00	0.15	1.42	2.39	7.14	
Spray (Broadcast)60' with Tractor (120-139 hp)-2WD 130	35.455	2.00	0.06	0.38	0.49	1.18	
Total Preharvest Fuel, Repairs, Fixed Costs, & Labor			0.319	\$ 2.73	\$ 4.60	\$ 13.17	

HARVEST OPERATIONS							
Operation	Acres/Hour	Number Times Over	Labor Use (Hr.)	Fuel Use (Gal./Ac)	Machinery Repairs (\$/Ac)	Fixed Costs (\$/Ac)	
Header - Soybean18' Flex with Combine (200-249 hp)240hp	7.047	1.000	0.142	1.75	\$ 3.36	\$ 23.04	
Grain Cart500 bu with Tractor (120-139 hp)-2WD 130	10.642	1.000	0.094	0.63	\$ 0.56	\$ 2.34	
					\$ -		
					\$ -		
					\$ -		
					\$ -		
Total Harvest Fuel, Repairs, Fixed Costs, and Labor			0.236	\$ 2.38	\$ 3.92	\$ 25.39	

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Acknowledgements: The authors gratefully acknowledge the contributions of John M. Woodruff and Georgia County Extension Agents in the construction of the 2007 soybean budgets.

