

**SOYBEANS, NON-IRRIGATED
ROUNDUP READY
SOUTH GEORGIA, 2010**

ESTIMATED COSTS AND RETURNS

Expected Yield **30 Bushels** YIELD: YOUR FARM _____

Variable Costs:	Unit	Number of Units	\$/Unit	Cost/Acre	\$/Bushels	Your Farm
Seed	Bag	1.00	\$ 48.00	\$ 48.00	\$ 1.60	_____
Inoculant	Acre	1.00	\$ 3.00	\$ 3.00	\$ 0.10	_____
Lime	Tons	0.33	\$ 33.30	\$ 10.99	\$ 0.37	_____
Fertilizer						
Nitrogen	Lbs	0.00	\$ 0.45	\$ -	\$ -	_____
Phosphate (P2O5)	Lbs	40.00	\$ 0.25	\$ 10.00	\$ 0.33	_____
Potash (K2O)	Lbs	80.00	\$ 0.50	\$ 40.00	\$ 1.33	_____
Boron	Lbs	0.50	\$ 5.60	\$ 2.80	\$ 0.09	_____
Weed Control	Acre	1.00	\$ 36.65	\$ 36.65	\$ 1.22	_____
Insect Control	Acre	1.00	\$ 4.50	\$ 4.50	\$ 0.15	_____
*Disease Control	Acre	0.00	\$ -	\$ -	\$ -	_____
<i>Machinery: Preharvest</i>						
Fuel	Gallon	3.86	\$ 2.50	\$ 9.64	\$ 0.32	_____
Repairs & Maintenance	Acre	1.00	\$ 7.39	\$ 7.39	\$ 0.25	_____
<i>Machinery: Harvest</i>						
Fuel	Gallon	2.38	\$ 2.50	\$ 5.95	\$ 0.20	_____
Repairs & Maintenance	Acre	1.00	\$ 4.78	\$ 4.78	\$ 0.16	_____
Labor	Hrs	0.86	\$ 11.00	\$ 9.48	\$ 0.32	_____
Crop Insurance	Acre	1.00	\$ 15.00	\$ 15.00	\$ 0.50	_____
Land Rental	Acre	1.00	\$ -	\$ -	\$ -	_____
Interest on Operating capital	Percent	\$ 104.09	7.25%	\$ 7.55	\$ 0.25	_____
Drying - 8 points	Bushel	32.92	\$ -	\$ -	\$ -	_____
Total Variable Costs				\$ 215.73	\$ 7.19	
Fixed Costs:						
Machinery: Depreciation, Taxes, Insurance, and Housing						
Preharvest	Acre	1.00	\$ 21.18	\$ 21.18	\$ 0.71	_____
Harvest	Acre	1.00	\$ 28.72	\$ 28.72	\$ 0.96	_____
General Overhead	% of VC	\$ 215.73	5.00%	\$ 10.79	\$ 0.36	_____
Management	% of VC	\$ 215.73	5.00%	\$ 10.79	\$ 0.36	_____
Owned Land Costs; Taxes, Cash Payment, Etc.	Acre	1.00	\$ -	\$ -	\$ -	_____
Other _____		1.00	\$ -	\$ -	\$ -	_____
Total Fixed Costs				\$ 71.47	\$ 2.38	
TOTAL COSTS AND PROFIT GOAL						
Total Costs Excluding Land				\$ 287.20	\$ 9.57	
**** 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, NON-IRRIGATED

NET RETURNS ABOVE VARIABLE COSTS PER ACRE						
Varying Prices and Yield (Bushels)						
Bu/Acre	-25%	-10%	Average	+10%	+25%	
	22.5	27	30	33	37.5	
\$7.50	\$ (46.98)	\$ (13.23)	\$ 9.27	\$ 31.77	\$ 65.52	
\$8.00	\$ (35.73)	\$ 0.27	\$ 24.27	\$ 48.27	\$ 84.27	
\$8.50	\$ (24.48)	\$ 13.77	\$ 39.27	\$ 64.77	\$ 103.02	
\$9.00	\$ (13.23)	\$ 27.27	\$ 54.27	\$ 81.27	\$ 121.77	
\$9.50	\$ (1.98)	\$ 40.77	\$ 69.27	\$ 97.77	\$ 140.52	

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)	
Heavy Disk27' with Tractor (180-199 hp)-MFWD 190	13.214	2.00	0.15	1.48	3.03	8.81	
Disk Harrow32' with Tractor (180-199 hp)-MFWD 190	16.291	1.00	0.06	0.60	1.30	3.78	
Disk Bed (Hipper)6R-36 with Tractor (180-199 hp)-MFWD 190	19.200	1.00	0.05	0.51	0.87	2.77	
Plant - Rigid6R-36 with Tractor (120-139 hp)-2WD 130	9.573	1.00	0.10	0.70	1.43	3.98	
Spray (Broadcast)60' with Tractor (120-139 hp)-2WD 130	35.455	3.00	0.08	0.57	0.76	1.84	
Total Preharvest Fuel, Repairs, Fixed Costs, & Labor			0.454	3.86	\$ 7.39	\$ 21.18	

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	3.84	26.17	
Grain Cart500 bu with Tractor (120-139 hp)-2WD 130	10.642	1.000	0.094	0.63	0.94	2.55	
Total Harvest Fuel, Repairs, Fixed Costs, and Labor			0.236	2.38	\$ 4.78	\$ 28.72	

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