

**SOYBEANS, NON-IRRIGATED
ROUNDUP READY
SOUTH GEORGIA, 2008**

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	\$ 35.00	\$ 35.00	\$ 1.17	_____
Lime	Tons	0.33	\$ 40.00	\$ 13.20	\$ 0.44	_____
<i>Fertilizer</i>						
Nitrogen	Lbs	0.00	\$ 0.53	\$ -	\$ -	_____
Phosphate (P2O5)	Lbs	40.00	\$ 0.40	\$ 16.00	\$ 0.53	_____
Potash (K2O)	Lbs	80.00	\$ 0.30	\$ 24.00	\$ 0.80	_____
Boron	Lbs	0.50	\$ 4.00	\$ 2.00	\$ 0.07	_____
Weed Control	Acre	1.00	\$ 14.59	\$ 14.59	\$ 0.49	_____
Insect Control	Acre	1.00	\$ 5.90	\$ 5.90	\$ 0.20	_____
*Disease Control	Acre	0.00	\$ 25.00	\$ -	\$ -	_____
<i>Machinery: Preharvest</i>						
Fuel	Gallon	3.62	\$ 3.00	\$ 10.87	\$ 0.36	_____
Repairs & Maintenance	Acre	1.00	\$ 5.86	\$ 5.86	\$ 0.20	_____
<i>Machinery: Harvest</i>						
Fuel	Gallon	2.38	\$ 3.00	\$ 7.14	\$ 0.24	_____
Repairs & Maintenance	Acre	1.00	\$ 3.90	\$ 3.90	\$ 0.13	_____
Labor	Hrs	0.83	\$ 10.50	\$ 8.74	\$ 0.29	_____
Crop Insurance	Acre	1.00	\$ 9.00	\$ 9.00	\$ 0.30	_____
Land Rental	Acre	1.00	\$ -	\$ -	\$ -	_____
Interest on Operating capital	Percent	\$ 78.10	8.50%	\$ 6.64	\$ 0.22	_____
Drying - 8 points	Bushel	32.92	\$ 0.28	\$ 9.22	\$ 0.31	_____
Total Variable Costs				\$ 172.06	\$ 5.74	

Fixed Costs:

Machinery: Depreciation, Taxes, Insurance, and Housing

Preharvest	Acre	1.00	\$ 16.70	\$ 16.70	\$ 0.56	_____
Harvest	Acre	1.00	\$ 25.19	\$ 25.19	\$ 0.84	_____
General Overhead	% of VC	\$ 172.06	5.00%	\$ 8.60	\$ 0.29	_____
Management	% of VC	\$ 172.06	5.00%	\$ 8.60	\$ 0.29	_____
Owned Land Costs; Taxes, Cash Payment, Etc.	Acre	1.00	\$ -	\$ -	\$ -	_____
Other _____		1.00	\$ -	\$ -	\$ -	_____

Total Fixed Costs **\$ 59.10** **\$ 1.97**

TOTAL COSTS AND PROFIT GOAL

Total Costs Excluding Land	\$ 231.16	\$ 7.71
**** 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
\$6.00	\$	(37.06)	(10.06)	7.94	25.94	52.94
\$6.50	\$	(25.81)	3.44	22.94	42.44	71.69
\$7.00	\$	(14.56)	16.94	37.94	58.94	90.44
\$7.50	\$	(3.31)	30.44	52.94	75.44	109.19
\$8.00	\$	7.94	43.94	67.94	91.94	127.94

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	1.00	0.08	0.74	1.38	4.02	
Disk Harrow32' with Tractor (180-199 hp)-MFWD 190	16.291	1.00	0.06	0.60	1.12	3.26	
Disk Bed (Hipper)6R-36 with Tractor (180-199 hp)-MFWD 190	9.600	1.00	0.10	1.02	1.17	3.63	
Plant - Rigid6R-36 with Tractor (120-139 hp)-2WD 130	9.573	1.00	0.10	0.70	1.40	3.90	
Spray (Broadcast)60' with Tractor (120-139 hp)-2WD 130	35.455	3.00	0.08	0.57	0.78	1.89	
Total Preharvest Fuel, Repairs, Fixed Costs, & Labor			0.430	3.62	\$ 5.86	\$ 16.70	

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	3.30	22.73	
Grain Cart500 bu with Tractor (120-139 hp)-2WD 130	10.642	1.000	0.094	0.63	0.60	2.46	
Total Harvest Fuel, Repairs, Fixed Costs, and Labor			0.236	2.38	\$ 3.90	\$ 25.19	

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