

**PEANUTS, STRIP-TILLAGE, NON-IRRIGATED
4-ROW COMBINE, 6-ROW EQUIPMENT
SOUTH GEORGIA, 2008**

ESTIMATED COSTS AND RETURNS

Expected Yield per Acre

1.35 Ton

YIELD: YOUR FARM _____

Variable Costs:	Unit	Number of Units	\$/Unit	Cost/Acre	\$/Ton	Your Farm
Seed	Lb.	115.00	\$ 0.65	\$ 74.75	\$ 55.37	_____
Inoculant	Lb.	5.00	\$ 1.40	\$ 7.00	\$ 5.19	_____
Cover Crop Seed	Bu.	1.50	\$ 11.00	\$ 16.50	\$ 12.22	_____
Lime/Gypsum*	Ton	0.50	\$ 82.00	\$ 41.00	\$ 30.37	_____
Fertilizer						
Phosphate (P2O5)	Lb.	20.00	\$ 0.40	\$ 8.00	\$ 5.93	_____
Potash (K2O)	Lb.	40.00	\$ 0.30	\$ 12.00	\$ 8.89	_____
Boron	Lb.	0.50	\$ 4.00	\$ 2.00	\$ 1.48	_____
Weed Control	Acre	1.00	\$ 61.07	\$ 61.07	\$ 45.24	_____
Insect Control	Acre	1.00	\$ 24.08	\$ 24.08	\$ 17.83	_____
Disease Control**	Acre	1.00	\$ 57.05	\$ 57.05	\$ 42.26	_____
<i>Machinery: Preharvest</i>						
Fuel	Gallon	4.86	\$ 3.00	\$ 14.57	\$ 10.79	_____
Repairs & Maintenance	Acre	1.00	\$ 7.81	\$ 7.81	\$ 5.78	_____
<i>Machinery: Harvest</i>						
Fuel	Gallon	10.29	\$ 3.00	\$ 30.88	\$ 22.87	_____
Repairs & Maintenance	Acre	1.00	\$ 20.41	\$ 20.41	\$ 15.12	_____
Labor	Hrs	2.28	\$ 10.50	\$ 23.90	\$ 17.70	_____
Crop Insurance	Dol.	1.00	\$ 18.00	\$ 18.00	\$ 13.33	_____
Land Rental	Acre	1.00	\$ -	\$ -	\$ -	_____
Interest on Operating capital	Percent	\$ 209.50	8.50%	\$ 17.81	\$ 13.19	_____
Cleaning	Ton	0.45	\$ 10.50	\$ 4.72	\$ 3.50	_____
Drying	Ton	0.90	\$ 27.00	\$ 24.31	\$ 18.01	_____
GPC&GPPA State	Ton	1.35	\$ 3.00	\$ 4.05	\$ 3.00	_____
NPB Checkoff	Dol.	0.01	\$ 675.00	\$ 6.75	\$ 5.00	_____
Total Variable Costs				\$ 476.64	\$ 353.07	

Fixed Costs:

Machinery: Depreciation, Taxes, Insurance, and Housing

Preharvest	Acre	1.00	\$ 20.90	\$ 20.90	\$ 15.48	_____
Harvest	Acre	1.00	\$ 72.66	\$ 72.66	\$ 53.82	_____
General Overhead	% of VC	\$ 476.64	5.00%	\$ 23.83	\$ 17.65	_____
Management	% of VC	\$ 476.64	5.00%	\$ 23.83	\$ 17.65	_____
Etc.	Acre	1.00	\$ -	\$ -	\$ -	_____
Other _____						

Total Fixed Costs **\$ 141.22 \$ 104.61**

TOTAL COSTS AND PROFIT GOAL

Total Costs Excluding Land **\$ 617.87 \$ 457.68**

**** YOUR PROFIT GOAL **** \$ _____/Bu.

\$\$-PRICE NEEDED FOR PROFIT-\$\$ \$ _____/Bu.

*Lime application is prorated at 0.5 ton to equal 1.5 ton application every 3 years.

**If soilborne disease threatens to be severe, additional application of soilborne fungicide may be recommended, add \$15-\$20 per spray. If leafspot threatens to become severe, additional application of chlorothalonil may be recommended at 3/4 pint with certain soilborne fungicides. A nematicide (where needed) = \$50-70 per acre.

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

NET RETURNS ABOVE VARIABLE COSTS PER ACRE					
Varying Prices and Yield (Ton)					
	-25%	-10%	Expected	+10%	+25%
Lbs/Acre	2025	2430	2700	2970	3375
Tons/Acre	1.0125	1.215	1.35	1.485	1.6875
\$375.00	\$ (96.96)	\$ (21.02)	\$ 29.61	\$ 80.23	\$ 156.17
\$400.00	\$ (71.64)	\$ 9.36	\$ 63.36	\$ 117.36	\$ 198.36
\$425.00	\$ (46.33)	\$ 39.73	\$ 97.11	\$ 154.48	\$ 240.54
\$450.00	\$ (21.02)	\$ 70.11	\$ 130.86	\$ 191.61	\$ 282.73
\$475.00	\$ 4.29	\$ 100.48	\$ 164.61	\$ 228.73	\$ 324.92

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)
Grain Drill15' with Tractor (120-139 hp)-2WD 130	15.909	1.00	0.06	0.42	1.52	4.18
Spray (Broadcast)60' with Tractor (120-139 hp)-2WD 130	35.455	1.00	0.03	0.19	0.26	0.63
Subsoiler low-till6 shank with Tractor (180-199 hp)-MFWD 190	8.809	1.00	0.11	1.11	1.18	3.59
Plant & Pre Rigid6R-36 with Tractor (180-199 hp)-MFWD 190	9.218	1.00	0.11	1.06	1.98	5.56
Spray (Broadcast)60' with Tractor (120-139 hp)-2WD 130	35.455	11.00	0.31	2.08	2.87	6.94
Total Preharvest Fuel, Repairs, Fixed Costs, & Labor			0.623	4.86	\$ 7.81	\$ 20.90

HARVEST OPERATIONS						
Operation	Acres/Hour	Number Times Over	Labor Use (Hr.)	Fuel Use (Gal./Ac)	Machinery Repairs (\$/Ac)	Fixed Costs (\$/Ac)
Peanut Digger & Inverter 4R 36" with Tractor (180-199 hp)-MFWD 190	3.56	1.00	0.28	2.74	\$ 3.26	\$ 14.27
Pull-type Peanut Combine 4R 36" with Tractor (180-199 hp)-MFWD 190	2.18	1.00	0.46	4.48	\$ 14.49	\$ 48.72
Peanut Wagon 21' with Tractor (120-139 hp)-2WD 130	2.18	1.00	0.46	3.07	\$ 2.65	\$ 9.67
Total Harvest Fuel, Repairs, Fixed Costs, and Labor			1.197	10.29	\$ 20.41	\$ 72.66

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