

**PEANUTS, NON-IRRIGATED
4-ROW COMBINE, 6-ROW EQUIPMENT
SOUTH GEORGIA, 2010**

ESTIMATED COSTS AND RETURNS

Expected Yield per Acre

1.40 Ton

YIELD: YOUR FARM _____

Variable Costs:	Unit	Number of Units	\$/Unit	Cost/Acre	\$/Ton	Your Farm
Seed	Lb.	125.00	\$ 0.75	\$ 93.75	\$ 66.96	_____
Inoculant	Lb.	5.00	\$ 1.40	\$ 7.00	\$ 5.00	_____
Lime/Gypsum*	Ton	0.50	\$ 79.99	\$ 40.00	\$ 28.57	_____
Fertilizer						
Phosphate (P2O5)	Lb.	0.00	\$ 0.25	\$ -	\$ -	_____
Potash (K2O)	Lb.	0.00	\$ 0.50	\$ -	\$ -	_____
Boron	Lb.	0.50	\$ 5.60	\$ 2.80	\$ 2.00	_____
Weed Control	Acre	1.00	\$ 63.56	\$ 63.56	\$ 45.40	_____
Insect Control	Acre	1.00	\$ 58.53	\$ 58.53	\$ 41.80	_____
Disease Control**	Acre	1.00	\$ 49.30	\$ 49.30	\$ 35.22	_____
<i>Machinery: Preharvest</i>						
Fuel	Gallon	9.19	\$ 2.50	\$ 22.98	\$ 16.42	_____
Repairs & Maintenance	Acre	1.00	\$ 15.47	\$ 15.47	\$ 11.05	_____
<i>Machinery: Harvest</i>						
Fuel	Gallon	10.29	\$ 2.50	\$ 25.73	\$ 18.38	_____
Repairs & Maintenance	Acre	1.00	\$ 23.20	\$ 23.20	\$ 16.57	_____
Labor	Hrs	2.81	\$ 11.00	\$ 30.96	\$ 22.12	_____
Crop Insurance	Dol.	1.00	\$ 25.00	\$ 25.00	\$ 17.86	_____
Land Rental	Acre	1.00	\$ -	\$ -	\$ -	_____
Interest on Operating capital	Percent	\$ 229.14	7.25%	\$ 16.61	\$ 11.87	_____
Cleaning	Ton	0.47	\$ 12.00	\$ 5.59	\$ 4.00	_____
Drying	Ton	0.93	\$ 30.00	\$ 28.01	\$ 20.01	_____
GPC&GPPA State	Ton	1.40	\$ 3.00	\$ 4.20	\$ 3.00	_____
NPB Checkoff	Dol.	0.01	\$ 630.00	\$ 6.30	\$ 4.50	_____
Total Variable Costs				\$ 519.01	\$ 370.72	

Fixed Costs:

<i>Machinery: Depreciation, Taxes, Insurance, and Housing</i>						
Preharvest	Acre	1.00	\$ 44.79	\$ 44.79	\$ 32.00	_____
Harvest	Acre	1.00	\$ 82.04	\$ 82.04	\$ 58.60	_____
General Overhead	% of VC	\$ 519.01	5.00%	\$ 25.95	\$ 18.54	_____
Management	% of VC	\$ 519.01	5.00%	\$ 25.95	\$ 18.54	_____
Owned Land Costs; Taxes, Cash Payment, Etc.	Acre	1.00	\$ -	\$ -	\$ -	_____
Other _____						_____
Total Fixed Costs				\$ 178.74	\$ 127.67	

TOTAL COSTS AND PROFIT GOAL

Total Costs Excluding Land	\$ 697.75	\$ 498.39
**** 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 (\$3-\$5) with certain soilborne fungicides. A nematicide (where needed) = \$50-75 per acre.

Sensitivity Analysis of PEANUTS, NON-IRRIGATED

NET RETURNS ABOVE VARIABLE COSTS PER ACRE						
Varying Prices and Yield (Ton)						
	-25%	-10%	Average	+10%	+25%	
Lbs/Acre	2100	2520	2800	3080	3500	
Tons/Acre	1.05	1.26	1.4	1.54	1.75	
\$375.00	\$ (125.26)	\$ (46.51)	\$ 5.99	\$ 58.49	\$ 137.24	
\$400.00	\$ (99.01)	\$ (15.01)	\$ 40.99	\$ 96.99	\$ 180.99	
\$425.00	\$ (72.76)	\$ 16.49	\$ 75.99	\$ 135.49	\$ 224.74	
\$450.00	\$ (46.51)	\$ 47.99	\$ 110.99	\$ 173.99	\$ 268.49	
\$475.00	\$ (20.26)	\$ 79.49	\$ 145.99	\$ 212.49	\$ 312.24	

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	
Plow 4 Bottom Switch6' with Tractor (180-199 hp)-MFWD 190	2.327	1.00	0.43	4.20	6.12	18.40	
Disk & Incorporate32' with Tractor (180-199 hp)-MFWD 190	15.515	1.00	0.06	0.63	1.53	4.02	
Field Cultivate32' with Tractor (180-199 hp)-MFWD 190	21.430	1.00	0.05	0.46	0.81	3.30	
Plant & Pre Rigid6R-36 with Tractor (120-139 hp)-2WD 130	9.218	1.00	0.11	0.73	1.71	4.73	
Spray (Broadcast)60' with Tractor (120-139 hp)-2WD 130	35.455	9.00	0.25	1.70	2.28	5.53	
Total Preharvest Fuel, Repairs, Fixed Costs, & Labor			1.054	9.19	\$ 15.47	\$ 44.79	

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	\$ 3.89	\$ 16.48	
Pull-type Peanut Combine 4R 36" with Tractor (180-199 hp)-MFWD 190	2.18	1.00	0.46	4.48	\$ 16.72	\$ 56.05	
Peanut Wagon 21' with Tractor (120-139 hp)-2WD 130	2.18	1.00	0.46	3.07	\$ 2.59	\$ 9.52	
Total Harvest Fuel, Repairs, Fixed Costs, and Labor			1.197	10.29	\$ 23.20	\$ 82.04	

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