

**PEANUTS, NON-IRRIGATED
4-ROW COMBINE, 6-ROW EQUIPMENT
SOUTH GEORGIA, 2009**

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.	125.00	\$ 0.85	\$ 106.25	\$ 78.70	_____
Inoculant	Lb.	5.00	\$ 1.40	\$ 7.00	\$ 5.19	_____
Lime/Gypsum*	Ton	0.50	\$ 108.00	\$ 54.00	\$ 40.00	_____
Fertilizer						
Phosphate (P2O5)	Lb.	20.00	\$ 0.74	\$ 14.80	\$ 10.96	_____
Potash (K2O)	Lb.	40.00	\$ 0.80	\$ 32.00	\$ 23.70	_____
Boron	Lb.	0.50	\$ 3.90	\$ 1.95	\$ 1.44	_____
Weed Control	Acre	1.00	\$ 62.09	\$ 62.09	\$ 46.00	_____
Insect Control	Acre	1.00	\$ 58.06	\$ 58.06	\$ 43.01	_____
Disease Control**	Acre	1.00	\$ 54.02	\$ 54.02	\$ 40.01	_____
<i>Machinery: Preharvest</i>						
Fuel	Gallon	9.19	\$ 2.85	\$ 26.20	\$ 19.41	_____
Repairs & Maintenance	Acre	1.00	\$ 15.47	\$ 15.47	\$ 11.46	_____
<i>Machinery: Harvest</i>						
Fuel	Gallon	10.29	\$ 2.85	\$ 29.34	\$ 21.73	_____
Repairs & Maintenance	Acre	1.00	\$ 23.20	\$ 23.20	\$ 17.19	_____
Labor	Hrs	2.81	\$ 11.00	\$ 30.96	\$ 22.93	_____
Crop Insurance	Dol.	1.00	\$ 22.00	\$ 22.00	\$ 16.30	_____
Land Rental	Acre	1.00	\$ -	\$ -	\$ -	_____
Interest on Operating capital	Percent	\$ 268.68	7.50%	\$ 20.15	\$ 14.93	_____
Cleaning	Ton	0.45	\$ 12.00	\$ 5.39	\$ 4.00	_____
Drying	Ton	0.90	\$ 30.00	\$ 27.01	\$ 20.01	_____
GPC&GPPA State	Ton	1.35	\$ 3.00	\$ 4.05	\$ 3.00	_____
NPB Checkoff	Dol.	0.01	\$ 607.50	\$ 6.08	\$ 4.50	_____
Total Variable Costs				\$ 600.04	\$ 444.47	
Fixed Costs:						
<i>Machinery: Depreciation, Taxes, Insurance, and Housing</i>						
Preharvest	Acre	1.00	\$ 44.79	\$ 44.79	\$ 33.18	_____
Harvest	Acre	1.00	\$ 82.04	\$ 82.04	\$ 60.77	_____
General Overhead	% of VC	\$ 600.04	5.00%	\$ 30.00	\$ 22.22	_____
Management	% of VC	\$ 600.04	5.00%	\$ 30.00	\$ 22.22	_____
Owned Land Costs; Taxes, Cash Payment, Etc.	Acre	1.00	\$ -	\$ -	\$ -	_____
Other _____						_____
Total Fixed Costs				\$ 186.84	\$ 138.40	
TOTAL COSTS AND PROFIT GOAL						
Total Costs Excluding Land				\$ 786.88	\$ 582.87	
**** 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	2025	2430	2700	2970	3375
Tons/Acre	1.0125	1.215	1.35	1.485	1.6875
\$375.00	\$ (220.35)	\$ (144.41)	\$ (93.79)	\$ (43.16)	\$ 32.78
\$400.00	\$ (195.04)	\$ (114.04)	\$ (60.04)	\$ (6.04)	\$ 74.96
\$425.00	\$ (169.72)	\$ (83.66)	\$ (26.29)	\$ 31.09	\$ 117.15
\$450.00	\$ (144.41)	\$ (53.29)	\$ 7.46	\$ 68.21	\$ 159.34
\$475.00	\$ (119.10)	\$ (22.91)	\$ 41.21	\$ 105.34	\$ 201.53

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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