

**PEANUTS, STRIP-TILLAGE, NON-IRRIGATED
4-ROW COMBINE, 6-ROW EQUIPMENT
SOUTH GEORGIA, 2006**

ESTIMATED COSTS AND RETURNS

Expected Yield per Acre

1.25 Ton

YIELD: YOUR FARM _____

VARIABLE COSTS	Unit	Number of		\$/Unit	Cost/Acre	\$/Ton	Your Farm
		Units					
Seed	Lb.	115.00	\$	0.52	\$ 59.80	\$ 47.84	_____
Inoculant	Lb.	5.00	\$	1.00	\$ 5.00	\$ 4.00	_____
Cover Crop Seed	Bu.	1.50	\$	4.00	\$ 6.00	\$ 4.80	_____
Lime/Gypsum	Ton	0.50	\$	55.00	\$ 27.50	\$ 22.00	_____
Fertilizer							_____
Phospate (P2O5)	Lb.	20.00	\$	0.32	\$ 7.00	\$ 5.60	_____
Potash (K2O)	Lb.	40.00	\$	0.24	\$ 9.60	\$ 7.68	_____
Boron	Lb.	0.50	\$	2.50	\$ 1.50	\$ 1.20	_____
Weed Control	Acre	1.00	\$	59.53	\$ 59.53	\$ 47.62	_____
Insect Control	Acre	1.00	\$	24.75	\$ 24.75	\$ 19.80	_____
Disease Control	Acre	1.00	\$	66.51	\$ 66.51	\$ 53.21	_____
<i>Machinery: Preharvest</i>							_____
Fuel	Gallon	5.42	\$	2.25	\$ 12.20	\$ 9.76	_____
Repairs & Maintenance	Acre	1.00	\$	7.00	\$ 7.00	\$ 5.60	_____
<i>Machinery: Harvest</i>							_____
Fuel	Gallon	9.10	\$	2.25	\$ 20.48	\$ 16.39	_____
Repairs & Maintenance	Acre	1.00	\$	16.03	\$ 16.03	\$ 12.83	_____
Labor	Hrs	2.16	\$	9.80	\$ 21.16	\$ 16.93	_____
Crop Insurance	Dol.	1.00	\$	15.00	\$ 15.00	\$ 12.00	_____
Land Rental	Acre	1.00			\$ -	\$ -	_____
Interest on Operating capital	Percent	\$ 179.53		7.50%	\$ 13.46	\$ 10.77	_____
Cleaning	Ton	0.42		\$10.00	\$ 4.16	\$ 3.33	_____
Drying	Ton	0.83		\$25.00	\$ 20.84	\$ 16.68	_____
GPC&GPPA State	Ton	1.25		\$3.00	\$ 3.75	\$ 3.00	_____
NPB Checkoff	Dol.	0.01	\$	450.00	\$ 4.50	\$ 3.60	_____
Total Variable Costs					\$ 405.79	\$ 324.63	_____

Fixed Costs:

Machinery: Depreciation, Taxes, Insurance, and Housing

Preharvest	Acre	1.00	\$	18.21	\$ 18.21	\$ 14.56	_____
Harvest	Acre	1.00	\$	54.13	\$ 54.13	\$ 43.31	_____
General Overhead	% of VC	405.79		5.00%	\$ 20.29	\$ 16.23	_____
Management	% of VC	405.79		5.00%	\$ 20.29	\$ 16.23	_____
Etc.	Acre	1.00	\$	-	\$ -	\$ -	_____
Other _____							_____
Total Fixed Costs					\$ 112.92	\$ 90.33	_____

TOTAL COSTS AND PROFIT GOAL

Total Costs Excluding Land **\$ 518.70** **\$ 414.96**

**** YOUR PROFIT GOAL ****

\$ _____/Bu.

\$\$-PRICE NEEDED FOR PROFIT-\$\$

\$ _____/Bu.

*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	1875	2250	2500	2750	3125
	tons	0.9375	1.125	1.25	1.375	1.5625
\$	340.00	\$ (87.04)	\$ (23.29)	\$ 19.21	\$ 61.71	\$ 125.46
\$	355.00	\$ (72.97)	\$ (6.41)	\$ 37.96	\$ 82.34	\$ 148.90
\$	370.00	\$ (58.91)	\$ 10.46	\$ 56.71	\$ 102.96	\$ 172.34
\$	385.00	\$ (44.85)	\$ 27.34	\$ 75.46	\$ 123.59	\$ 195.78
\$	400.00	\$ (30.79)	\$ 44.21	\$ 94.21	\$ 144.21	\$ 219.21

ESTIMATED LABOR AND MACHINERY COSTS PER ACRE

Operation	Acres/Hour	Number Times Over	Labor Use (Hr.)	Fuel Use (Gal./Ac)	Machinery Repairs (\$/Ac)	Fixed Costs (\$/Ac)
PREHARVEST OPERATIONS						
Grain Drill15' with Tractor (120-139 hp)-2WD 130	15.909	1.00	0.06	0.42	1.16	3.04
Spray (Broadcast)36' with Tractor (120-139 hp)-2WD 130	23.636	1.00	0.04	0.28	0.30	0.71
Subsoiler low-till6 shank with Tractor (180-199 hp)-MFWD 190	8.809	1.00	0.11	1.11	1.22	3.64
Plant & Pre Rigid6R-36 with Tractor (180-199 hp)-MFWD 190	9.218	1.00	0.11	1.06	1.67	4.46
Spray (Broadcast)36' with Tractor (120-139 hp)-2WD 130	23.636	9.00	0.38	2.55	2.66	6.37
Total Preharvest Fuel, Repairs, Fixed Costs, & Labor			0.708	\$ 5.42	\$ 7.00	\$ 18.21
HARVEST OPERATIONS						
					\$ -	
Peanut Digger & Inverter 4R 36" with Tractor (180-199 hp)-MFWD 190	3.56	1.00	0.28	2.74	\$ 2.85	\$ 11.72
Pull-type Peanut Combine 4R 36" with Tractor (180-199 hp)-MFWD 190	2.18	1.00	0.46	4.48	\$ 11.82	\$ 37.91
Peanut Wagon 14' with Tractor (120-139 hp)-2WD 130	3.56	1.00	0.28	1.88	\$ 1.36	\$ 4.50
					\$ -	
Total Harvest Fuel, Repairs, Fixed Costs, and Labor			1.020	\$ 9.10	\$ 16.03	\$ 54.13

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