

**PEANUTS, STRIP-TILLAGE, NON-IRRIGATED
4-ROW COMBINE, 6-ROW EQUIPMENT
SOUTH GEORGIA, 2007**

ESTIMATED COSTS AND RETURNS

Expected Yield per Acre

1.35 Ton

YIELD: YOUR FARM _____

VARIABLE COSTS	Unit	Number of		\$/Unit	Cost/Acre	\$/Ton	Your Farm
		Units					
Seed	Lb.	115.00	\$	0.52	\$ 59.80	\$ 44.30	_____
Inoculant	Lb.	5.00	\$	1.40	\$ 7.00	\$ 5.19	_____
Cover Crop Seed	Bu.	1.50	\$	5.00	\$ 7.50	\$ 5.56	_____
Lime/Gypsum	Ton	0.50	\$	63.00	\$ 31.50	\$ 23.33	_____
Fertilizer							_____
Phosphate (P2O5)	Lb.	20.00	\$	0.31	\$ 6.20	\$ 4.59	_____
Potash (K2O)	Lb.	40.00	\$	0.23	\$ 9.20	\$ 6.81	_____
Boron	Lb.	0.50	\$	3.75	\$ 1.88	\$ 1.39	_____
Weed Control	Acre	1.00	\$	52.06	\$ 52.06	\$ 38.56	_____
Insect Control	Acre	1.00	\$	25.25	\$ 25.25	\$ 18.70	_____
Disease Control*	Acre	1.00	\$	68.40	\$ 68.40	\$ 50.67	_____
<i>Machinery: Preharvest</i>							_____
Fuel	Gallon	5.31	\$	2.25	\$ 11.95	\$ 8.85	_____
Repairs & Maintenance	Acre	1.00	\$	7.91	\$ 7.91	\$ 5.86	_____
<i>Machinery: Harvest</i>							_____
Fuel	Gallon	10.29	\$	2.25	\$ 23.16	\$ 17.16	_____
Repairs & Maintenance	Acre	1.00	\$	19.74	\$ 19.74	\$ 14.62	_____
Labor	Hrs	2.36	\$	10.00	\$ 23.60	\$ 17.48	_____
Crop Insurance	Dol.	1.00	\$	15.00	\$ 15.00	\$ 11.11	_____
Land Rental	Acre	1.00	\$	-	\$ -	\$ -	_____
Interest on Operating capital	Percent	\$ 185.07		8.00%	\$ 14.81	\$ 10.97	_____
Cleaning	Ton	0.45	\$	10.50	\$ 4.72	\$ 3.50	_____
Drying	Ton	0.90	\$	26.00	\$ 23.41	\$ 17.34	_____
GPC&GPPA State	Ton	1.35	\$	3.00	\$ 4.05	\$ 3.00	_____
NPB Checkoff	Dol.	0.01	\$	513.00	\$ 5.13	\$ 3.80	_____
Total Variable Costs					\$ 422.26	\$ 312.79	

Fixed Costs:

Machinery: Depreciation, Taxes, Insurance, and Housing

Preharvest	Acre	1.00	\$	21.65	\$ 21.65	\$ 16.04	_____
Harvest	Acre	1.00	\$	70.10	\$ 70.10	\$ 51.92	_____
General Overhead	% of VC	\$ 422.26		5.00%	\$ 21.11	\$ 15.64	_____
Management	% of VC	\$ 422.26		5.00%	\$ 21.11	\$ 15.64	_____
Etc.	Acre	1.00	\$	-	\$ -	\$ -	_____
Other _____							_____

Total Fixed Costs **\$ 133.98** **\$ 99.24**

TOTAL COSTS AND PROFIT GOAL

Total Costs Excluding Land **\$ 556.24** **\$ 412.03**

**** 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	2025	2430	2700	2970	3375
	tons	1.0125	1.215	1.35	1.485	1.6875
\$	340.00	\$ (78.01)	\$ (9.16)	\$ 36.74	\$ 82.64	\$ 151.49
\$	355.00	\$ (62.83)	\$ 9.06	\$ 56.99	\$ 104.91	\$ 176.80
\$	370.00	\$ (47.64)	\$ 27.29	\$ 77.24	\$ 127.19	\$ 202.11
\$	385.00	\$ (32.45)	\$ 45.51	\$ 97.49	\$ 149.46	\$ 227.42
\$	400.00	\$ (17.26)	\$ 63.74	\$ 117.74	\$ 171.74	\$ 252.74

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	1.46	4.00
Spray (Broadcast)50' with Tractor (120-139 hp)-2WD 130	29.545	1.00	0.03	0.23	0.26	0.66
Subsoiler low-till6 shank with Tractor (180-199 hp)-MFWD 190	8.809	1.00	0.11	1.11	1.42	4.46
Plant & Pre Rigid6R-36 with Tractor (180-199 hp)-MFWD 190	9.218	1.00	0.11	1.06	1.90	5.32
Spray (Broadcast)50' with Tractor (120-139 hp)-2WD 130	29.545	11.00	0.37	2.49	2.88	7.21
Total Preharvest Fuel, Repairs, Fixed Costs, & Labor			0.691	\$ 5.31	\$ 7.91	\$ 21.65

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	\$ 3.24	\$ 13.96
Pull-type Peanut Combine 4R 36" with Tractor (180-199 hp)-MFWD 190	2.18	1.00	0.46	4.48	\$ 14.03	\$ 47.07
Peanut Wagon 21' with Tractor (120-139 hp)-2WD 130	2.18	1.00	0.46	3.07	\$ 2.46	\$ 9.07
Total Harvest Fuel, Repairs, Fixed Costs, and Labor			1.197	\$ 10.29	\$ 19.74	\$ 70.10

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