

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

ESTIMATED COSTS AND RETURNS

Expected Yield per Acre

1.75 Ton

YIELD: YOUR FARM _____

VARIABLE COSTS	Unit	Number of		\$/Unit	Cost/Acre	\$/Ton	Your Farm
		Units					
Seed	Lb.	115.00	\$	0.52	\$ 59.80	\$ 34.17	_____
Inoculant	Lb.	5.00	\$	1.00	\$ 5.00	\$ 2.86	_____
Cover Crop Seed	Bu.	1.50	\$	4.00	\$ 6.00	\$ 3.43	_____
Lime/Gypsum	Ton	0.50	\$	55.00	\$ 27.50	\$ 15.71	_____
Fertilizer							_____
Phospate (P2O5)	Lb.	20.00	\$	0.32	\$ 7.00	\$ 4.00	_____
Potash (K2O)	Lb.	40.00	\$	0.24	\$ 9.60	\$ 5.49	_____
Boron	Lb.	0.50	\$	2.50	\$ 1.50	\$ 0.86	_____
Weed Control	Acre	1.00	\$	59.53	\$ 59.53	\$ 34.02	_____
Insect Control	Acre	1.00	\$	42.29	\$ 42.29	\$ 24.17	_____
Disease Control	Acre	1.00	\$	89.87	\$ 89.87	\$ 51.35	_____
<i>Machinery: Preharvest</i>							_____
Fuel	Gallon	5.42	\$	2.25	\$ 12.20	\$ 6.97	_____
Repairs & Maintenance	Acre	1.00	\$	7.00	\$ 7.00	\$ 4.00	_____
<i>Machinery: Harvest</i>							_____
Fuel	Gallon	9.10	\$	2.25	\$ 20.48	\$ 11.71	_____
Repairs & Maintenance	Acre	1.00	\$	16.03	\$ 16.03	\$ 9.16	_____
Irrigation	Acre	4.00	\$	10.50	\$ 42.00	\$ 24.00	_____
Labor	Hrs	2.16	\$	9.80	\$ 21.16	\$ 12.09	_____
Crop Insurance	Dol.	1.00	\$	15.00	\$ 15.00	\$ 8.57	_____
Land Rental	Acre	1.00	\$	-	\$ -	\$ -	_____
Interest on Operating capital	Percent	\$ 220.98		7.50%	\$ 16.57	\$ 9.47	_____
Cleaning	Ton	0.58	\$	10.00	\$ 5.83	\$ 3.33	_____
Drying	Ton	1.17	\$	25.00	\$ 29.18	\$ 16.68	_____
GPC&GPPA State	Ton	1.75	\$	3.00	\$ 5.25	\$ 3.00	_____
NPB Checkoff	Dol.	0.01	\$	630.00	\$ 6.30	\$ 3.60	_____
Total Variable Costs					\$ 505.09	\$ 288.62	_____

Fixed Costs:

Machinery: Depreciation, Taxes, Insurance, and Housing

Preharvest	Acre	1.00	\$	18.21	\$ 18.21	\$ 10.40	_____
Harvest	Acre	1.00	\$	54.13	\$ 54.13	\$ 30.93	_____
Irrigation	Acre	1.00	\$	85.00	\$ 85.00	\$ 48.57	_____
General Overhead	% of VC	505.09		5.00%	\$ 25.25	\$ 14.43	_____
Management	% of VC	505.09		5.00%	\$ 25.25	\$ 14.43	_____
Etc.	Acre	1.00	\$	-	\$ -	\$ -	_____
Other _____							_____

Total Fixed Costs **\$ 207.85** **\$ 118.77**

TOTAL COSTS AND PROFIT GOAL

Total Costs Excluding Land **\$ 712.94** **\$ 407.40**

**** 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, IRRIGATED

NET RETURNS ABOVE VARIABLE COSTS PER ACRE						
Varying Prices and Yield (Ton)						
		-25%	-10%	Expected	+10%	+25%
	lbs	2625	3150	3500	3850	4375
	tons	1.3125	1.575	1.75	1.925	2.1875
\$	340.00	\$ (58.84)	\$ 30.41	\$ 89.91	\$ 149.41	\$ 238.66
\$	355.00	\$ (39.16)	\$ 54.03	\$ 116.16	\$ 178.28	\$ 271.47
\$	370.00	\$ (19.47)	\$ 77.66	\$ 142.41	\$ 207.16	\$ 304.28
\$	385.00	\$ 0.22	\$ 101.28	\$ 168.66	\$ 236.03	\$ 337.09
\$	400.00	\$ 19.91	\$ 124.91	\$ 194.91	\$ 264.91	\$ 369.91

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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Acknowledgements: The author gratefully acknowledges the contributions of John Beasely, Steve L. Brown, Glen Harris, Kerry Harrison, Bob Kemerait, Eric Prostko, and Jay Williams.

