

**PEANUTS, 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 Units	\$/Unit	Cost/Acre	\$/Ton	Your Farm
Seed	Lb.	115.00	\$ 0.52	\$ 59.80	\$ 47.84	_____
Inoculant	Lb.	5.00	\$ 1.00	\$ 5.00	\$ 4.00	_____
Lime/Gypsum	Ton	0.50	\$ 55.00	\$ 27.50	\$ 22.00	_____
Fertilizer						_____
Phospate (P2O5)	Lb.	20.00	\$ 0.32	\$ 6.40	\$ 5.12	_____
Potash (K2O)	Lb.	40.00	\$ 0.24	\$ 9.60	\$ 7.68	_____
Boron	Lb.	0.50	\$ 2.50	\$ 1.25	\$ 1.00	_____
Weed Control	Acre	1.00	\$ 40.12	\$ 40.12	\$ 32.10	_____
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	9.48	\$ 2.25	\$ 21.32	\$ 17.06	_____
Repairs & Maintenance	Acre	1.00	\$ 11.94	\$ 11.94	\$ 9.55	_____
<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	2.65	\$ 9.80	\$ 25.93	\$ 20.74	_____
Crop Insurance	Dol.	1.00	\$ 15.00	\$ 15.00	\$ 12.00	_____
Land Rental	Acre	1.00	\$ -	\$ -	\$ -	_____
Interest on Operating capital	Percent	\$ 175.82	7.50%	\$ 13.19	\$ 10.55	_____
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.	1%	\$ 450.00	\$ 4.50	\$ 3.60	_____
Total Variable Costs				\$ 398.07	\$ 318.46	_____

Fixed Costs:

Machinery: Depreciation, Taxes, Insurance,
and Housing

Preharvest	Acre	1.00	\$ 32.86	\$ 32.86	\$ 26.29	_____
Harvest	Acre	1.00	\$ 54.13	\$ 54.13	\$ 43.31	_____
General Overhead	% of VC	398.07	5.00%	\$ 19.90	\$ 15.92	_____
Management	% of VC	398.07	5.00%	\$ 19.90	\$ 15.92	_____
Owned Land Costs; Taxes, Cash Payment, Etc.	Acre	1.00	\$ -	\$ -	\$ -	_____
Other _____						_____

Total Fixed Costs **\$ 126.80** **\$ 101.44**

TOTAL COSTS AND PROFIT GOAL

Total Costs Excluding Land **\$ 524.88** **\$ 419.90**

**** 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, NON-IRRIGATED

NET RETURNS ABOVE VARIABLE COSTS PER ACRE						
Varying Prices and Yield (Ton)						
	-25%	-10%	Average	+10%	+25%	
	1875	2250	2500	2750	3125	
	0.9375	1.125	1.25	1.375	1.5625	
\$ 340.00	\$ (79.32)	\$ (15.57)	\$ 26.93	\$ 69.43	\$ 133.18	
\$ 355.00	\$ (65.26)	\$ 1.30	\$ 45.68	\$ 90.05	\$ 156.61	
\$ 370.00	\$ (51.20)	\$ 18.18	\$ 64.43	\$ 110.68	\$ 180.05	
\$ 385.00	\$ (37.14)	\$ 35.05	\$ 83.18	\$ 131.30	\$ 203.49	
\$ 400.00	\$ (23.07)	\$ 51.93	\$ 101.93	\$ 151.93	\$ 226.93	

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						
Heavy Disk27' with Tractor (180-199 hp)- MFWD 190	13.214	2.00	0.15	1.48	2.25	6.25
Plow 4 Bottom Switch6' with Tractor (180-199 hp)-MFWD 190	2.327	1.00	0.43	4.20	4.67	13.47
Disk & Incorporate32' with Tractor (180-199 hp)-MFWD 190	15.515	1.00	0.06	0.63	1.07	2.69
Field Cultivate32' with Tractor (180-199 hp)- MFWD 190	21.430	1.00	0.05	0.46	0.52	1.90
Plant & Pre Rigid6R-36 with Tractor (120-139 hp)-2WD 130	9.218	1.00	0.11	0.73	1.36	3.61
Spray (Broadcast)36' with Tractor (120-139 hp)-2WD 130	23.636	7.00	0.30	1.98	2.07	4.95
Total Preharvest Fuel, Repairs, Fixed Costs, & Labor			1.097	\$ 9.48	\$ 11.94	\$ 32.86

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.

