	Non-Irrigate	ed Peanut							
	6-Row Eq	uipment							
	South Geo	rgia, 2015							
	stimated Cost	s and Retu	rns						
Expected Yield	: 1.7	ton	Yo	ur Yield					
Variable Costs	Unit	Amount	•	\$/Unit	Co	st/Acre		\$/ton	Your Farm
Seed *	pounds	135		0.70	\$	94.50	\$	55.59	
Inoculant	pounds	5		1.60	\$	8.00	\$	4.71	
Lime/Gypsum **	ton	0.5	\$	104.00	\$	52.00	\$	30.59	
Fertilizer					Ť				
Boron	pounds	0.5	\$	4.50	\$	2.25	\$	1.32	
Phosphate	pounds	0		0.43	\$	-	\$	-	
Potash	pounds	0	\$	0.41	\$	_	\$	_	
Weed Control	acre	1	-	52.59	\$	52.59	\$	30.94	
Handweeding	acre	1		7.50	\$	7.50	\$	4.41	
Insect Control	acre	1		46.20	\$	46.20	\$	27.18	
Scouting	acre	1		10.00	\$	10.00	\$	5.88	
Disease Control ***	acre	1		40.98	\$	40.98	\$	24.11	
Preharvest Machinery		_	Ť		т				
Fuel	gallon	9.2	\$	2.90	\$	26.77	\$	15.75	
Repairs and Maintenance	acre	1		18.72	\$	18.72	\$	11.01	
Harvest Machinery	0.0	_	7	20.72	7	20.72	Ψ.		
Fuel	gallon	7.9	\$	2.90	\$	22.87	\$	13.45	
Repairs and Maintenance	acre	1		26.22	\$	26.22	\$	15.43	
Labor	hours	2.5	-	12.00	\$	30.16	\$	17.74	
Crop Insurance	acre	1		29.00	\$	29.00	\$	17.06	
Land Rent	acre	1		-	\$	-	\$	-	
Interest on Operating Capital	percent	\$233.88	7	6.5%		15.20	\$	8.94	
Cleaning	ton	0.6	\$	20.00	\$	11.22	\$	6.60	
Drying	ton	1.1		30.00	\$	34.17	\$	20.10	
Marketing	ton	1.7		3.00	\$	5.10	\$	3.00	
NPB Checkoff	dollars	\$ 0.01	7	604	\$	6.04	\$	3.55	
Total Variable Costs:	uonars	ÿ 0.01		004	<u> </u>	539.50	<u> </u>	317.35	
Fixed Costs									
Machinery Depreciation, Taxes, Insurance	and Housing								
Preharvest Machinery	acre	1	\$	54.18	\$	54.18	\$	31.87	
Harvest Machinery	acre	1	\$		\$	79.62	\$	46.84	
General Overhead	% of VC	\$539.50		5%	\$	26.97	\$	15.87	
Management	% of VC	\$539.50		5%	\$	26.97	\$	15.87	
Owned Land Cost, Taxes, Cash Payment,									
etc.	acre	1	\$	-	\$	-	\$	-	
Other	acre	1	\$	-	\$	-	\$	-	
Total Fixed Costs					\$	187.75	\$	110.44	
Total Costs Evoluding Land						727 25	<u> </u>	427.70	
Total Costs Excluding Land	1					727.25	_	427.79	
Your Profit Goal				\$	_		-	on	
* Seed treatment could add \$0.12/lb or there m				\$	_		•	on	

<sup>\*</sup> Seed treatment could add \$0.12/lb or there may be an additional \$0.03/lb carrying charge if not paid for with cash.

Template developed by Nathan Smith and Amanda Smith.

<sup>\*\*</sup> Lime/gypsum application is prorated at 0.5 ton to equal 1.5 ton application every 3 years.

<sup>\*\*\*</sup> If soilborne disease threatens to be severe, additional application of soilborne fungicide may be recommended, add \$15-20/spray. If leafspot threatens to be severe, additional application of chlorothalonil may be recommended at 3/4 pint (\$3-5/ac). A nematicide (where needed) = \$50-75/ac.

Net Returns A	bove Variable	Costs Per	Acre			
Varying	Prices and Yie	elds (ton)				
	-25%	-10%	Expected	+10%	+25%	
Price \ ton/Acre	1.28	1.53	1.70	1.87	2.13	
\$350	-\$93.25	-\$4.00	\$55.50	\$115.00	\$204.25	
\$375	-\$61.37	\$34.25	\$98.00	\$161.75	\$257.38	
\$400	-\$29.50	\$72.50	\$140.50	\$208.50	\$310.50	
\$425	\$2.38	\$110.75	\$183.00	\$255.25	\$363.63	
\$450	\$34.25	\$149.00	\$225.50	\$302.00	\$416.75	
Estimated Labor and Machinery Costs per A	Acre					
Preharvest Operations						
		Number	Labor			Fixed
		of Times	Use***	Fuel Use	Repairs	Costs
Operation	Acres/Hour	Over	(hrs/ac)	(gal/ac)	(\$/ac)	(\$/ac)
Heavy Disk 27' with Tractor (180-199 hp)	42.2	_	0.40	4.40	ć 2.62	ć 40.54
MFWD 190	13.2	2	0.19	1.48	\$ 3.62	\$ 10.51
Plow 4 Bottom Switch with Tractor (180-	2.2	4	0.54	4.20	ć 7.47	ć 24.62
199 hp) MFWD 190	2.3	1	0.54	4.20	\$ 7.17	\$ 21.63
Disk & Incorporate 32' with Tractor (180-	45.2	4	0.00	0.64	ć 1.00	ć 40 <del>7</del>
199 hp) MFWD 190	15.3	1	0.08	0.64	\$ 1.90	\$ 4.97
Field Cultivate Fld 32' with Tractor (180-	21.4	1	0.00	0.40	ć 0.00	ć 414
199 hp) MFWD 190	21.4	1	0.06	0.46	\$ 0.99	\$ 4.14
Plant & Pre-Rigid 6R-36 with Tractor (120-	0.0	4	0.44	0.75	ć 2.40	ć F.05
139 hp) 2WD 130	8.9	1	0.14	0.75	\$ 2.10	\$ 5.85
Spray (Broadcast) 60' with Tractor (120-139	25.5		0.00	4.70	d 204	d 7.00
hp) 2WD 130	35.5	9	0.32	1.70	\$ 2.94	\$ 7.08
Total Preharvest Values			1.32	9.23	\$ 18.72	\$ 54.18
Harvest Operations						
		Number	Labor			Fixed
		of Times	Use***	Fuel Use	Repairs	Costs
Operation	Acres/Hour	Over	(hrs/ac)	(gal/ac)	(\$/ac)	(\$/ac)
Peanut Dig/Inverter 6R-36 with Tractor	F 2	1	0.22	1.02	ć 7.00	ć 16.0F
(180-199 hp) MFWD 190	5.3	1	0.23	1.83	\$ 7.02	\$ 16.05
Pull-type Peanut Combine 6R-36 with	3.3	1	0.38	2.99	\$ 14.64	\$ 51.49
Peanut Wagon 21' with Tractor (120-139	2.2	4			ć 4.50	
hp) 2WD 130	2.2	1	0.57	3.07	\$ 4.56	\$ 12.08
Total Harvest Values			1.19	7.88	\$ 26.22	\$ 79.62
*** Includes unallocated labor factor of 0.25. U	nallocated lab	or factor is	percentage a	llowance for	additional la	abor

	-Irrigated Pea 6-Row Eq			-					
	South Geo	•							
E	stimated Cost	s and Retu	rns						1
Expected Yield:	1.7	ton	Yo	ur Yield					
Variable Costs	Unit	Amount		\$/Unit	C	ost/Acre		\$/ton	Your Farm
Cover Crop Seed	bushel	1.5	_	15.00	\$		\$	13.24	Tourrain
Seed *	pounds	135		0.70	\$		\$	55.59	
Inoculant	pounds	5		1.60	\$		\$	4.71	
Lime/Gypsum **	ton	0.5	-	104.00	\$		\$	30.59	
Fertilizer	COTT	0.5	Y	10 1.00	7	32.00	7	30.33	
Boron	pounds	0.5	\$	4.50	\$	2.25	\$	1.32	
Phosphate	pounds	0.5		0.43	\$		\$	-	
Potash	pounds	0		0.43	\$		\$		
Weed Control	acre	1		64.65	\$		\$	38.03	
Handweeding	acre	1	1	7.50	\$		\$	4.41	
Insect Control	acre	1	1	46.20	\$		\$	27.18	
Scouting	acre	1	1	10.00	\$		\$	5.88	
Disease Control ***	acre	1	1	40.98	\$		\$	24.11	
Preharvest Machinery	acre		ڔ	40.36	ڔ	40.36	ڔ	24.11	
Fuel	gallon	5.2	\$	2.90	\$	15.10	\$	8.89	
Repairs and Maintenance	acre	3.2	-	10.61	\$		\$	6.24	
Harvest Machinery	acie	1	ڔ	10.01	ڔ	10.01	ڔ	0.24	
Fuel	gallon	7.9	\$	2.90	\$	22.87	\$	13.45	
Repairs and Maintenance	acre	7.9		26.22	\$		\$	15.43	
Labor	hours	2.0	1	12.00	\$		\$	14.38	
Crop Insurance	acre	2.0		29.00	\$		\$	17.06	
Land Rent	acre	1		23.00	\$		\$	17.00	
		\$227.17	ڔ	6.5%			\$	8.69	
Interest on Operating Capital	percent	0.6	\$	20.00	\$		\$	6.60	
Cleaning	ton	1.1	i .		\$	34.17	\$	20.10	
Drying	ton	1.7			\$		\$	3.00	
Marketing NRR Charlest			Ş		-		\$		
NPB Checkoff  Total Variable Costs:	dollars	\$ 0.01		604	\$ <b>\$</b>	6.04 <b>548.13</b>		3.55 <b>322.43</b>	
Total Variable Costs.					Ş	340.13	Ş	322.43	
Fixed Costs									
Machinery Depreciation, Taxes, Insurance	and Housing								
Preharvest Machinery	acre	1	\$	28.76	\$	28.76	\$	16.92	
Harvest Machinery	acre		\$		\$		\$		
General Overhead	% of VC	\$548.13	_	5%			\$		
Management	% of VC	\$548.13		5%			\$		
Owned Land Cost, Taxes, Cash Payment,		,0.20		270	7	· · · <u>*</u>	7		
etc.	acre	1	\$	_	\$	_	\$	_	
Other	acre		\$	-	\$		\$	-	
Total Fixed Costs					-	163.19	\$	95.99	
	<u> </u>				Ė		Ė		
Total Costs Excluding Land					_	711.32	\$	418.42	
Your Profit Goal				\$	Ĺ		/t	on	
Price Needed for Profit				\$			/t	on	

<sup>\*</sup> Seed treatment could add \$0.12/lb or there may be an additional \$0.03/lb carrying charge if not paid for with cash.

<sup>\*\*</sup> Lime/gypsum application is prorated at 0.5 ton to equal 1.5 ton application every 3 years.

<sup>\*\*\*</sup> If soilborne disease threatens to be severe, additional application of soilborne fungicide may be recommended, add

Developed by Amanda Smith and Nathan Smith.

Net Returns A	bove Variable	Costs Per	Acre					
Varying	Prices and Yie	elds (ton)						
	-25%	-10%	Expected	+10%	+	25%		
Price \ ton/Acre	1.28	1.53	1.70	1.87	2	2.13		
\$350	-\$101.88	-\$12.63	\$46.87	\$106.37	\$1	95.62		
\$375	-\$70.00	\$25.62	\$89.37	\$153.12	\$2	48.75		
\$400	-\$38.13	\$63.87	\$131.87	\$199.87	\$3	01.87		
\$425	-\$6.25	\$102.12	\$174.37	\$246.62	\$3	55.00		
\$450	\$25.62	\$140.37	\$216.87	\$293.37	\$4	08.12		
Estimated Labor and Machinery Costs per A	Acre							
Preharvest Operations								
		Number	Labor				F	ixed
		of Times	Use***	Fuel Use	Re	pairs	(	Costs
Operation	Acres/Hour	Over	(hrs/ac)	(gal/ac)	(\$	S/ac)	(:	\$/ac)
Grain Drill 15' with Tractor (120-139 hp)	0.0	_	0.16	0.04	,	2 20	,	C 10
2WD 130	8.0	1	0.16	0.84	\$	2.30	\$	6.40
Spray (Broadcast) 60' with Tractor (120-139	25.5		0.04	0.10	٠	0.22	٠	0.70
hp) 2WD 130	35.5	1	0.04	0.19	\$	0.33	\$	0.79
Subsoiler low-till 6 shank with Tractor	0.0	1	0.12	1.00	,	1 72	۲	F 40
(180-199 hp) MFWD 190	9.8	1	0.13	1.00	\$	1.72	\$	5.40
Plant & Pre-Rigid 6R-36 with Tractor (180-	8.9	1	0.14	1 10	\$	2 67	\$	7 52
199 hp) MFWD 190	8.9	1	0.14	1.10	Ş	2.67	Ş	7.52
Spray (Broadcast) 60' with Tractor (120-139	35.5	11	0.39	2.08	\$	3.59	\$	8.65
hp) 2WD 130	55.5	11	0.59	2.00	٦	5.55	Ą	0.03
Total Preharvest Values			0.85	5.21	\$	10.61	\$	28.76
Harvest Operations								
		Number	Labor				F	ixed
		of Times	Use***	Fuel Use	Re	pairs	(	Costs
Operation	Acres/Hour	Over	(hrs/ac)	(gal/ac)	(\$	5/ac)	(:	\$/ac)
Peanut Dig/Inverter 6R-36 with Tractor	5.3	1	0.23	1.83	\$	7.02	\$	16.0
(180-199 hp) MFWD 190	5.5	1	0.23	1.05	۲	7.02	ڔ	10.00
Pull-type Peanut Combine 6R-36 with	3.3	1	0.38	2.99	\$	14.64	\$	51.49
Peanut Wagon 21' with Tractor (120-139	2.2	1	0.57	3.07	\$	4.56	¢	12.08
hp) 2WD 130	2.2	_	0.57	3.07	, , , , , , , , , , , , , , , , , , ,	4.50	Ţ	12.00
Total Harvest Values			1.19	7.88	\$	26.22	\$	79.62
***		f · · ·				a: ! !		
*** Includes unallocated labor factor of 0.25. U	nallocated lab	or tactor is	percentage a	llowance for	addi	tional la	aboı	

	Irrigated	Peanut						
	6-Row Eq	uipment						
	South Geo	rgia, 2015						
	stimated Cos	ts and Retu	ırn	S				
Expected Yield:	2.35	ton	Yo	ur Yield				
Variable Costs	Unit	Amount	_	\$/Unit	Cc	ost/Acre	\$/ton	Your Farm
Seed *	pounds	135	_	0.70	\$	94.50	\$ 40.21	Tourrain
Inoculant	pounds	5		1.60	\$	8.00	\$ 3.40	
Lime/Gypsum **	ton			104.00	\$	52.00	\$ 22.13	
Fertilizer		0.0	7	2000	~	52.55	Ψ 11.13	
Boron	pounds	0.5	Ś	4.50	\$	2.25	\$ 0.96	
Phosphate	pounds	0.5		0.43	\$		\$ -	-
Potash	pounds	0		0.41	\$	-	\$ -	
Weed Control	acre	1	-	44.30	\$	44.30	\$ 18.85	
Handweeding	acre	1		7.50	\$	7.50	\$ 3.19	
Insect Control	acre		\$		\$	46.20	\$ 19.66	
Scouting	acre		\$	10.00	\$	10.00	\$ 4.26	
Disease Control ***	acre		\$	74.67	\$	74.67	\$ 31.77	
Preharvest Machinery	acic		۲	74.07	۲	74.07	Ç 31.77	
Fuel	gallon	9.2	ς	2.90	\$	26.77	\$ 11.39	
Repairs and Maintenance	acre		\$	18.72	\$	18.72	\$ 7.97	
Harvest Machinery	ucic		Y	10.72	۲	10.72	φ 7.57	
Fuel	gallon	7.9	ć	2.90	\$	22.87	\$ 9.73	
Repairs and Maintenance	acre	7.9		26.22	\$	26.22	\$ 11.16	
Labor	hours	2.5			\$	30.16	\$ 12.83	
Irrigation****	applications	6			\$	62.10	\$ 26.43	
		1		21.00	\$	21.00	\$ 20.43	
Crop Insurance Land Rent	acre		\$	-	\$	-	\$ 6.94	
	acre	\$273.63	Ş	6.5%		17.79	\$ 7.57	
Interest on Operating Capital	percent	0.8	۲		\$			
Cleaning	ton				\$	15.51	\$ 6.60	
Drying	ton	1.6	-		_	47.24	\$ 20.10	
Marketing	ton	2.4	\$	3.00	\$	7.05	\$ 3.00	
NPB Checkoff	dollars	\$ 0.01		834	-	8.34	\$ 3.55	
Total Variable Costs:					\$	643.19	\$ 273.70	
Fixed Costs								
Machinery Depreciation, Taxes, Insurance	and Housing							
Preharvest Machinery	acre		\$		\$	54.18	\$ 23.06	
Harvest Machinery	acre	1	\$	79.62	\$	79.62	\$ 33.88	
Irrigation	acre	1	\$	125.00	\$	125.00	\$ 53.19	
General Overhead	% of VC	\$643.19		5%	\$	32.16	\$ 13.68	
Management	% of VC	\$643.19		5%	\$	32.16	\$ 13.68	
Owned Land Cost, Taxes, Cash Payment,								
etc.	acre	1	\$	-	\$	-	\$ -	
Other	acre	1	\$		\$		\$ -	
Total Fixed Costs					\$	323.12	\$ 137.50	
Total Costs Excluding Land					Ś	966.31	\$ 411.19	
Your Profit Goal				\$	_	553.51	/ton	
Price Needed for Profit				\$			/ton	
The recuculor Front				ڔ			/ (0.1	

<sup>\*</sup> Seed treatment could add \$0.12/lb or there may be an additional \$0.03/lb carrying charge if not paid for with cash.

<sup>\*\*</sup> Lime/gypsum application is prorated at 0.5 ton to equal 1.5 ton application every 3 years.

<sup>\*\*\*</sup> If soilborne disease threatens to be severe, additional application of soilborne fungicide may be recommended, add \$15-20/spray. If leafspot threatens to be severe, additional application of chlorothalonil may be recommended at 3/4 pint (\$3-5/ac). A nematicide (where needed) = \$50-75/ac.

<sup>\*\*\*\*</sup> Average of diesel and electric irrigation application costs. Electric is estimated at \$7/appl and diesel is estimated at \$13.70/appl when diesel costs \$2.90/gal.

Developed by Nathan Smith and Amanda Smith.

Net Returns A			Acre					
Varying	Prices and Yi	elds (ton)						
	-25%	-10%	Expected	+10%	+	-25%		
Price \ ton/Acre	1.76	2.12	2.35	2.59		2.94		
\$350	-\$26.31	\$97.06	\$179.31	\$261.56	\$3	84.94		
\$375	\$17.75	\$149.94	\$238.06	\$326.19	\$4	158.38		
\$400	\$61.81	\$202.81	\$296.81	\$390.81	\$5	31.81		
\$425	\$105.88	\$255.69	\$355.56	\$455.44	\$6	605.25		
\$450	\$149.94	\$308.56	\$414.31	\$520.06	\$6	78.69		
Estimated Labor and Machinery Costs per A	cre							
Preharvest Operations		Niala a	Laban		_			·:al
		Number	Labor	Final Use	_			ixed
O	A /11	of Times	Use****	Fuel Use		epairs		Costs
Operation (199, 1991)	Acres/Hour	Over	(hrs/ac)	(gal/ac)	(;	\$/ac)	(	\$/ac)
Heavy Disk 27' with Tractor (180-199 hp)	13.2	2	0.19	1.48	\$	3.62	\$	10.5
MFWD 190							ė	
Plow 4 Bottom Switch with Tractor (180-	2.3	1	0.54	4.20	\$	7.17	\$	21.6
199 hp) MFWD 190		_	***		_ T		Ľ	
Disk & Incorporate 32' with Tractor (180-	15.3	1	0.08	0.64	\$	1.90	\$	4.9
199 hp) MFWD 190	13.3		0.00	0.01	, T	1.50	_	
Field Cultivate Fld 32' with Tractor (180-	21.4	1	0.06	0.46	\$	0.99	\$	4.1
199 hp) MFWD 190	21.4	-	0.00	0.40	۲	0.55	٠	7.1
Plant & Pre-Rigid 6R-36 with Tractor (120-	8.9	1	0.14	0.75	\$	2.10	\$	5.8
139 hp) 2WD 130	6.9	1	0.14	0.75	۶	2.10	۶	5.0
Spray (Broadcast) 60' with Tractor (120-139	25.5	9	0.22	1 70	۲	2.04	\$	7.0
np) 2WD 130	35.5	9	0.32	1.70	\$	2.94	Ş	7.0
Total Preharvest Values			1.32	9.23	\$	18.72	\$	54.1
Harvest Operations								
		Number	Labor					ixed
		of Times	Use****	Fuel Use		epairs		Costs
Operation	Acres/Hour	Over	(hrs/ac)	(gal/ac)	(5	\$/ac)	(	\$/ac)
Peanut Dig/Inverter 6R-36 with Tractor	5.3	1	0.23	1.83	\$	7.02	\$	16.0
(180-199 hp) MFWD 190	5.5		0.25	1.05	<u> </u>	,.02	7	10.0
Pull-type Peanut Combine 6R-36 with	3.3	1	0.38	2.99	\$	14.64	\$	51.4
Peanut Wagon 21' with Tractor (120-139	2.2	1	0.57	3.07	\$	4.56	\$	12.0
hp) 2WD 130	2.2		0.57	3.07	<u> </u>	4.50		12.(
Total Harvest Values			1.19	7.88	\$	26.22	\$	79.6
**** Includes unallocated labor factor of 0.25. required to move equipment and hook/unhook in			percentage a	allowance for	add	itional I	abo	r

	6-Row E	quipment							
	South Ge	orgia, 2015							
	Estimated Cos	sts and Ret	urn	ıs					
Expected Yield	: 2.35	ton	Yo	ur Yield					
Variable Costs	Unit	Amount	Ş	\$/Unit	Cc	st/Acre	-	\$/ton	Your Farm
Cover Crop Seed	bushel	1.5	\$	15.00	\$	22.50	\$	9.57	
Seed *	pounds	135	\$	0.70	\$	94.50	\$	40.21	
Inoculant	pounds	5	\$	1.60	\$	8.00	\$	3.40	
Lime/Gypsum **	ton	0.5	\$	104.00	\$	52.00	\$	22.13	
Fertilizer									
Boron	pounds	0.5	\$	4.50	\$	2.25	\$	0.96	
Phosphate	pounds	0			\$	-	\$	-	
Potash	pounds	0	- 1		\$	_	\$	_	
Weed Control	acre	1			\$	56.36	\$	23.98	
Handweeding	acre	1			\$	7.50	\$	3.19	
Insect Control	acre	1			\$	46.20	\$	19.66	
Scouting	acre	1			\$	10.00	\$	4.26	
Disease Control ***	acre	1			\$	74.67	\$	31.77	
Preharvest Machinery	acre		ڔ	74.07	ڔ	74.07	ڔ	31.77	
Fuel	gallon	5.2	\$	2.00	\$	15 10	\$	6.42	
	0				\$	15.10	\$	6.43	
Repairs and Maintenance	acre	1	Ş	10.61	Þ	10.61	Ş	4.52	
Harvest Machinery		7.0		2.00	_	22.07		0.70	
Fuel	gallon	7.9			\$	22.87	\$	9.73	
Repairs and Maintenance	acre	1	-		\$	26.22	\$	11.16	
Labor	hours	2.0	-		\$	24.45	\$	10.41	
Irrigation****	applications	5			\$	51.75	\$	22.02	
Crop Insurance	acre	1	-		\$	21.00	\$	8.94	
Land Rent	acre		\$		\$	-	\$	-	
Interest on Operating Capital	percent	\$ 261.74		6.5%		17.01	\$	7.24	
Cleaning	ton	0.8			\$	15.51	\$	6.60	
Drying	ton	1.6	\$	30.00	\$	47.24	\$	20.10	
Marketing	ton	2.4	\$	3.00	\$	7.05	\$	3.00	
NPB Checkoff	dollars	\$ 0.01		834	\$	8.34	\$	3.55	
Total Variable Costs:	1				\$	641.13	\$	272.82	
Fixed Costs									
Machinery Depreciation, Taxes, Insurance	and Housing								
Preharvest Machinery	acre	1	Ś	28.76	\$	28.76	\$	12.24	
Harvest Machinery	acre			79.62	\$	79.62	\$	33.88	
Irrigation	acre			125.00	\$	125.00	\$	53.19	
General Overhead	% of VC	\$ 641.13	7			32.06	\$	13.64	
Management	% of VC	\$ 641.13		5%		32.06	\$	13.64	
Owned Land Cost, Taxes, Cash Payment,	70 01 4 0	Ç 0-1.13		3/0	ڔ	32.00	ب	13.04	
etc.	acre	1	\$	_	\$	_	\$	_	
Other	acre		\$		\$		\$		
Total Fixed Costs	acre		ڔ		\$	297.49	_	126.59	
Total Costs Excluding Land					\$	938.62	÷	399.41	
Your Profit Goal				\$			/t	on	
Price Needed for Profit				\$			/t	on	

<sup>\*</sup> Seed treatment could add \$0.12/lb or there may be an additional \$0.03/lb carrying charge if not paid for with cash.

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 $<sup>\</sup>ensuremath{^{**}}$  Lime/gypsum application is prorated at 0.5 ton to equal 1.5 ton application every 3 years.

<sup>\*\*\*</sup> If soilborne disease threatens to be severe, additional application of soilborne fungicide may be recommended, add \$15-

<sup>\*\*\*\*</sup> Average of diesel and electric irrigation application costs. Electric is estimated at \$7/appl and diesel is estimated at \$13.70/appl when diesel costs \$2.90/gal.

Net Returns A	bove Variabl	e Costs Per	r Acre					
Varying	Prices and Y	ields (ton)						
	-25%	-10%	Expected	+10%	+	-25%		
Price \ ton/Acre	1.76	2.12	2.35	2.59		2.94		
\$350	-\$24.26	\$99.12	\$181.37	\$263.62	\$3	86.99		
\$375	\$19.81	\$151.99	\$240.12	\$328.24	\$4	160.43		
\$400	\$63.87	\$204.87	\$298.87	\$392.87	\$5	33.87		
\$425	\$107.93	\$257.74	\$357.62	\$457.49	\$6	607.31		
\$450	\$151.99	\$310.62	\$416.37	\$522.12	\$6	80.74		
Estimated Labor and Machinery Costs per A	cre							
Preharvest Operations								
		Number	Labor				F	ixed
		of Times	Use****	Fuel Use	Re	epairs	C	osts
Operation	Acres/Hour	Over	(hrs/ac)	(gal/ac)	(	\$/ac)	(5	5/ac)
Grain Drill 15' with Tractor (120-139 hp) 2WD 130	8.0	1	0.16	0.84	\$	2.30	\$	6.40
Spray (Broadcast) 60' with Tractor (120-139 hp) 2WD 130	35.5	1	0.04	0.19	\$	0.33	\$	0.79
Subsoiler low-till 6 shank with Tractor (180-199 hp) MFWD 190	9.8	1	0.13	1.00	\$	1.72	\$	5.40
Plant & Pre-Rigid 6R-36 with Tractor (180- 199 hp) MFWD 190	8.9	1	0.14	1.10	\$	2.67	\$	7.52
Spray (Broadcast) 60' with Tractor (120-139 hp) 2WD 130	35.5	11	0.39	2.08	\$	3.59	\$	8.65
Total Preharvest Values			0.85	5.21	\$	10.61	\$	28.76
Harvest Operations								
		Number	Labor				F	ixed
		of Times	Use****	Fuel Use	Re	epairs	C	osts
Operation	Acres/Hour	Over	(hrs/ac)	(gal/ac)	(	\$/ac)	(5	5/ac)
Peanut Dig/Inverter 6R-36 with Tractor	гэ	1	0.22		4	7.02	Ļ	16.05
(180-199 hp) MFWD 190	5.3	1	0.23	1.83	\$	7.02	\$	16.05
Pull-type Peanut Combine 6R-36 with	3.3	1	0.38	2.99	\$	14.64	\$	51.49
Peanut Wagon 21' with Tractor (120-139 hp) 2WD 130	2.2	1	0.57	3.07	\$	4.56	\$	12.08
Total Harvest Values			1.19	7.88	\$	26.22	\$	79.62

<sup>\*\*\*\*</sup> Includes unallocated labor factor of 0.25. Unallocated labor factor is percentage allowance for additional labor required to move equipment and hook/unhook implements, etc.

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