

PEANUTS - DRYLAND, CONVENTIONAL TILLAGEESTIMATED COSTS AND RETURNS PER ACRE
3000 POUND YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
PEANUTS	LBS	3000.00	\$0.218	\$652.50	_____
TOTAL RECEIPTS:				\$652.50	\$0.00
2. VARIABLE COSTS					
SEED	LBS	120.00	\$0.93	\$111.60	_____
INOCULANT	ACRE	1.00	\$7.00	\$7.00	_____
FERTILIZER					
PHOSPHATE	LBS	40.00	\$0.52	\$20.80	_____
POTASH	LBS	40.00	\$0.40	\$16.00	_____
BORON	LBS	2.50	\$1.48	\$3.70	_____
MANGANESE	LBS	2.00	\$1.51	\$3.02	_____
LIME (PRORATED)	TON	0.50	\$47.50	\$23.75	_____
LAND PLASTER (SPREAD)	TON	0.75	\$60.00	\$45.00	_____
HERBICIDES	ACRE	1.00	\$93.85	\$93.85	_____
INSECTICIDES	ACRE	1.00	\$19.45	\$19.45	_____
FUNGICIDES	ACRE	1.00	\$81.46	\$81.46	_____
GROWTH REGULATOR	ACRE	0.00	\$23.42	\$0.00	_____
CROP SCOUTING	ACRE	1.00	\$7.00	\$7.00	_____
HAULING	TON	1.50	\$15.00	\$22.50	_____
CROP INSURANCE	ACRE	1.00	\$20.00	\$20.00	_____
DRYING AND CLEANING	TON	1.00	\$50.00	\$50.03	_____
STATE CHECK-OFF FEE	TON	1.50	\$2.00	\$3.00	_____
NATIONAL ASSESMENT **	ACRE	1.00	\$5.33	\$5.33	_____
TRACTOR/MACHINERY	ACRE	1.00	\$71.36	\$71.36	_____
LABOR	HRS	3.98	\$11.25	\$44.78	_____
INTEREST ON OP. CAP.	DOL.	\$324.82	5.0%	\$16.24	_____
TOTAL VARIABLE COSTS:				\$665.87	\$0.00
3. INCOME ABOVE VARIABLE COSTS:				-\$13.37	\$0.00
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$128.80	\$128.80	_____
TOTAL FIXED COSTS:				\$128.80	\$0.00
5. OTHER COSTS					
LAND RENT	ACRE	1.00	\$60.00	\$60.00	_____
GENERAL OVERHEAD	DOL.	\$665.87	7.0%	\$46.61	_____
TOTAL OTHER COSTS:				\$106.61	\$0.00
6. TOTAL COSTS:				\$901.28	\$0.00
7. NET RETURNS TO RISK AND MANAGEMENT:				-\$248.78	\$0.00

BREAK-EVEN YIELD

VARIABLE COSTS	3298	LBS	<u>BREAK-EVEN PRICE</u>	VARIABLE COSTS	\$0.222
TOTAL COSTS	4719	LBS		TOTAL COSTS	\$0.300

* PLEASE NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY.

** NATIONAL ASSESMENT IS 1% OF GROSS RECEIPT AT LOAN RATE, ALSO NAMED NATIONAL PROMOTION AND RESEARCH AS

PEANUTS - DRYLAND, CONVENTIONAL TILLAGE						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 3000 YIELD PEANUTS						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
4	HEAVY DISK 14'	2.00	0.33	0.30	\$7.04	\$7.56
5	LIGHT DISKING W/ HERBICIDE 16'	1.00	0.17	0.15	\$3.07	\$3.11
5	SUBSOILER-PLANTER 6-ROW	1.00	0.20	0.18	\$6.82	\$7.92
5-9	SELF PROPELLED SPRAYER 90'	8.00	0.09	0.08	\$6.72	\$7.84
10	DIGGER INVERTER 6-ROW	1.00	0.37	0.34	\$17.72	\$20.03
10	PEANUT COMBINE 4-ROW	1.00	0.61	0.55	\$29.99	\$82.34
10	PEANUT DUMP CART	1.00	0.45	0.41	\$15.25	\$26.49
PER ACRE TOTALS FOR SELECTED OPERATIONS			1.77	1.60	\$71.36	\$128.80
UNALLOCATED LABOR(HRS./AC.)			2.21			

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES					
YIELD	PRICE (\$/lbs.)				
LBS.	\$0.18	\$0.20	\$0.22	\$0.24	\$0.26
2000	-\$297.34	-\$257.34	-\$222.34	-\$177.34	-\$137.34
2500	-\$225.42	-\$175.42	-\$131.67	-\$75.42	-\$25.42
3000	-\$153.50	-\$93.50	-\$41.00	\$26.50	\$86.50
3500	-\$81.58	-\$11.58	\$49.67	\$128.42	\$198.42
4000	-\$9.66	\$70.34	\$140.34	\$230.34	\$310.34

CHEMICAL USE ASSUMPTIONS FOR 3000 YIELD PEANUTS					
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH
HERBICIDES:					
pendimethalin (Prowl)	PT	2.30	\$4.98	\$11.46	APR
flumioxazin (Valor)	OZ	3.00	\$7.06	\$21.19	MAY
imazapic (Cadre)	OZ	4.00	\$3.46	\$13.86	JUN
paraquat (Gramoxone Extra)	PT	0.75	\$3.68	\$2.76	JUN
metolachlor (Dual Magnum)	OZ	16.00	\$0.92	\$14.69	JUN
2, 4-DB	PT	1.00	\$4.05	\$4.05	JUN
lactofen (Cobra)	OZ	12.50	\$1.41	\$17.62	JUL
clethodim (Select)	OZ	8.00	\$0.76	\$6.09	JUL
2,4-D	PT	1.00	\$2.13	\$2.13	JUL
INSECTICIDES:					
lambda-cyhalothrin (Karate-Z)	OZ	1.60	\$2.76	\$4.41	AUG
phorate (Thimet)	LB	4.70	\$3.20	\$15.04	MAY
FUNGICIDES:					
chlorothalonil (Bravo)	PT	6.50	\$6.72	\$43.67	JN/JUL/AUG/SEP
prothioconazole+tebuconazole (Provost)	OZ	10.70	\$1.70	\$18.19	2X JUL AUG
benzovindiflupyr+azoxystrobin (Elatus)	OZ	8.00	\$2.45	\$19.60	AUG
GROWTH REGULATOR:					
prohexadione calcium (Apogee)	OZ	4.80	\$4.88	\$23.42	2X JUL
TOTAL:				\$218.18	

The above listed chemicals are examples and do not imply exclusive recommendations by Clemson University. Contact your local Extension Agent and consult the South Carolina Pest Management Handbook for more information.

Clemson University Cooperative Extension Service offers its programs to people of all ages, regardless of race, color, gender, religion, national origin, disability, political beliefs, sexual orientation, gender identity, marital or family status and is an equal opportunity employer.

PEANUTS - DRYLAND - STRIP TILL

ESTIMATED COSTS AND RETURNS PER ACRE
3000 POUND YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
PEANUTS	LBS	3000.00	\$0.218	\$652.50	
TOTAL RECEIPTS:				\$652.50	\$0.00
2. VARIABLE COSTS					
SEED	LBS	120.00	\$0.93	\$111.60	
INOCULANT	ACRE	1.00	\$7.00	\$7.00	
FERTILIZER					
PHOSPHATE	LBS	40.00	\$0.52	\$20.80	
POTASH	LBS	40.00	\$0.40	\$16.00	
BORON	LBS	2.50	\$1.48	\$3.70	
MANGANESE	LBS	2.00	\$1.51	\$3.02	
LIME (PRORATED)	TON	0.50	\$47.50	\$23.75	
LAND PLASTER (SPREAD)	TON	0.75	\$60.00	\$45.00	
HERBICIDES	ACRE	1.00	\$105.20	\$105.20	
INSECTICIDES	ACRE	1.00	\$19.45	\$19.45	
FUNGICIDES	ACRE	1.00	\$54.61	\$54.61	
GROWTH REGULATOR	ACRE	0.00	\$23.42	\$0.00	
CROP SCOUTING	ACRE	1.00	\$10.00	\$10.00	
HAULING	TON	1.50	\$15.00	\$22.50	
CROP INSURANCE	ACRE	1.00	\$20.00	\$20.00	
DRYING AND CLEANING	TON	1.00	\$50.00	\$50.03	
STATE CHECK-OFF FEE	TON	1.50	\$2.00	\$3.00	
NATIONAL ASSESMENT **	ACRE	1.00	\$5.33	\$5.33	
TRACTOR/MACHINERY	ACRE	1.00	\$77.34	\$77.34	
LABOR	HRS	3.89	\$11.25	\$43.76	
INTEREST ON OP. CAP.	DOL.	\$321.05	5.0%	\$16.05	
TOTAL VARIABLE COSTS:				\$658.14	\$0.00
3. INCOME ABOVE VARIABLE COSTS:				-\$5.64	\$0.00
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$145.60	\$145.60	
TOTAL FIXED COSTS:				\$145.60	\$0.00
5. OTHER COSTS					
LAND RENT	ACRE	1.00	\$60.00	\$60.00	
GENERAL OVERHEAD	DOL.	\$658.14	7.0%	\$46.07	
TOTAL OTHER COSTS:				\$106.07	\$0.00
6. TOTAL COSTS:				\$909.81	\$0.00
7. NET RETURNS TO RISK AND MANAGEMENT:				-\$257.31	\$0.00

<u>BREAK-EVEN YIELD</u>		<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	3253 LBS	VARIABLE COSTS	\$0.219
TOTAL COSTS	4770 LBS	TOTAL COSTS	\$0.303

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PEANUTS - DRYLAND - STRIP TILL						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 3000 YIELD PEANUTS						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
5	SUBSOILER-PLANTER 6-ROW	1.00	0.20	0.18	\$6.82	\$7.92
4-9	SELF PROPELLED SPRAYER 90'	9.00	0.10	0.09	\$7.56	\$8.82
10	DIGGER INVERTER 6-ROW	1.00	0.37	0.34	\$17.72	\$20.03
10	PEANUT COMBINE 4-ROW	1.00	0.61	0.55	\$29.99	\$82.34
10	PEANUT DUMP CART	1.00	0.45	0.41	\$15.25	\$26.49
PER ACRE TOTALS FOR SELECTED OPERATIONS			1.73	1.57	\$77.34	\$145.60
UNALLOCATED LABOR(HRS./AC.)			2.16			

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES					
YIELD	PRICE (\$/lbs.)				
LBS.	\$0.18	\$0.20	\$0.22	\$0.24	\$0.26
2000	-\$289.61	-\$249.61	-\$214.61	-\$169.61	-\$129.61
2500	-\$217.69	-\$167.69	-\$123.94	-\$67.69	-\$17.69
3000	-\$145.77	-\$85.77	-\$33.27	\$34.23	\$94.23
3500	-\$73.85	-\$3.85	\$57.40	\$136.15	\$206.15
4000	-\$1.93	\$78.07	\$148.07	\$238.07	\$318.07

CHEMICAL USE ASSUMPTIONS FOR 3000 YIELD PEANUTS					
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH
HERBICIDES:					
glyphosate (Roundup ultra)	QT	1.50	\$5.44	\$8.16	APR
2,4-D	PT	1.50	\$2.13	\$3.19	APR
pendimethalin (Prowl)	PT	2.30	\$4.98	\$11.46	MAY
flumioxazin (Valor)	OZ	3.00	\$7.06	\$21.19	MAY
metolachlor (Dual Magnum)	OZ	16.00	\$0.92	\$14.69	JUN
imazapic (Cadre)	OZ	4.00	\$3.46	\$13.86	JUN
paraquat (Gramoxone Extra)	PT	0.75	\$3.68	\$2.76	JUN
2, 4-DB	PT	1.00	\$4.05	\$4.05	JUN
lactofen (Cobra)	OZ	12.50	\$1.41	\$17.62	JUL
clethodim (Select)	OZ	8.00	\$0.76	\$6.09	JUL
2,4-D	PT	1.00	\$2.13	\$2.13	JUL
INSECTICIDES:					
lambda-cyhalothrin (Karate-Z)	OZ	1.60	\$2.76	\$4.41	AUG
phorate (Thimet)	LB	4.70	\$3.20	\$15.04	MAY
FUNGICIDES:					
chlorothalonil (Bravo)	PT	6.50	\$6.72	\$43.67	JN/JUL/AUG/SEP
tebuconazole(Folicur)	OZ	28.80	\$0.38	\$10.94	4X JUL/AUG/SEP
GROWTH REGULATOR:					
prohexadione calcium (Apogee)	OZ	4.80	\$4.88	\$23.42	2X JUL
TOTAL:				\$202.68	

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PEANUTS - IRRIGATED, CONVENTIONAL TILLAGE

ESTIMATED COSTS AND RETURNS PER ACRE
4000 POUND YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
PEANUTS	LBS	4000.00	\$0.218	\$870.00	_____
TOTAL RECEIPTS:				\$870.00	\$0.00
2. VARIABLE COSTS					
SEED	LBS	120.00	\$0.93	\$111.60	_____
INOCULANT	ACRE	1.00	\$7.00	\$7.00	_____
FERTILIZER					
PHOSPHATE	LBS	40.00	\$0.52	\$20.80	_____
POTASH	LBS	60.00	\$0.40	\$24.00	_____
BORON	LBS	2.50	\$1.48	\$3.70	_____
MANGANESE	LBS	2.00	\$1.51	\$3.02	_____
LIME (PRORATED)	TON	0.50	\$47.50	\$23.75	_____
LAND PLASTER (SPREAD)	TON	0.75	\$60.00	\$45.00	_____
HERBICIDES	ACRE	1.00	\$93.85	\$93.85	_____
INSECTICIDES	ACRE	1.00	\$19.45	\$19.45	_____
FUNGICIDES	ACRE	1.00	\$119.74	\$119.74	_____
GROWTH REGULATOR	ACRE	1.00	\$23.42	\$23.42	_____
IRRIG., MACH & LABOR **	ACRE	1.00	\$30.00	\$30.00	_____
CROP SCOUTING	ACRE	1.00	\$7.00	\$7.00	_____
HAULING	TON	2.00	\$15.00	\$30.00	_____
CROP INSURANCE	ACRE	1.00	\$20.00	\$20.00	_____
DRYING & CLEANING	TON	1.33	\$50.00	\$66.70	_____
STATE CHECK-OFF FEE	TON	2.00	\$2.00	\$4.00	_____
NATIONAL ASSESMENT **	ACRE	1.00	\$7.10	\$7.10	_____
TRACTOR/MACHINERY	ACRE	1.00	\$71.36	\$71.36	_____
LABOR	HRS	3.98	\$11.25	\$44.78	_____
INTEREST ON OP. CAP.	DOL.	\$388.14	5.0%	\$19.41	_____
TOTAL VARIABLE COSTS:				\$795.68	\$0.00
3. INCOME ABOVE VARIABLE COSTS:				\$74.32	\$0.00
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$128.80	\$128.80	_____
IRRIGATION	ACRE	1.00	\$100.00	\$100.00	_____
TOTAL FIXED COSTS:				\$228.80	\$0.00
5. OTHER COSTS					
LAND RENT	ACRE	1.00	\$50.00	\$50.00	_____
GENERAL OVERHEAD	DOL.	\$795.68	7.0%	\$55.70	_____
TOTAL OTHER COSTS:				\$105.70	\$0.00
6. TOTAL COSTS:				\$1,130.18	\$0.00
7. NET RETURNS TO RISK AND MANAGEMENT:				-\$260.18	\$0.00

<u>BREAK-EVEN YIELD</u>		<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	3918 LBS	VARIABLE COSTS	\$0.199
TOTAL COSTS	5943 LBS	TOTAL COSTS	\$0.283

* PLEASE NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY.

** 4 IRRIGATIONS OF 1 INCH PER ACRE

*** NATIONAL ASSESMENT IS 1% OF GROSS RECEIPT AT LOAN RATE AND IS ALSO NAMED NATIONAL PROMOTION AND RESEA

PEANUTS - IRRIGATED, CONVENTIONAL TILLAGE						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 4000 YIELD PEANUTS						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
4	HEAVY DISK 14'	2.00	0.33	0.30	\$7.04	\$7.56
5	LIGHT DISKING W/ HERBICIDE 16'	1.00	0.17	0.15	\$3.07	\$3.11
5	SUBSOILER-PLANTER 6-ROW	1.00	0.20	0.18	\$6.82	\$7.92
5-9	SELF PROPELLED SPRAYER 90'	8.00	0.09	0.08	\$6.72	\$7.84
10	DIGGER INVERTER 6-ROW	1.00	0.37	0.34	\$17.72	\$20.03
10	PEANUT COMBINE 4-ROW	1.00	0.61	0.55	\$29.99	\$82.34
10	PEANUT DUMP CART	1.00	0.45	0.41	\$15.25	\$26.49
PER ACRE TOTALS FOR SELECTED OPERATIONS			1.77	1.60	\$71.36	\$128.80
UNALLOCATED LABOR(HRS./AC.)			2.21			

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES					
YIELD	PRICE (\$/lbs.)				
LBS.	\$0.18	\$0.20	\$0.22	\$0.24	\$0.26
3000	-\$259.03	-\$199.03	-\$146.53	-\$79.03	-\$19.03
3500	-\$187.56	-\$117.56	-\$56.31	\$22.45	\$92.45
4000	-\$116.08	-\$36.08	\$33.92	\$123.92	\$203.92
4500	-\$44.61	\$45.40	\$124.15	\$225.40	\$315.40
5000	\$26.87	\$126.87	\$214.37	\$326.87	\$426.87

CHEMICAL USE ASSUMPTIONS FOR 4000 YIELD PEANUTS					
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH
HERBICIDES:					
pendimethalin (Prowl)	PT	2.30	\$4.98	\$11.46	APR
flumioxazin (Valor)	OZ	3.00	\$7.06	\$21.19	MAY
imazapic (Cadre)	OZ	4.00	\$3.46	\$13.86	JUN
paraquat (Gramoxone Extra)	PT	0.75	\$3.68	\$2.76	JUN
metolachlor (Dual Magnum)	OZ	16.00	\$0.92	\$14.69	JUN
2, 4-DB	PT	1.00	\$4.05	\$4.05	JUN
lactofen (Cobra)	OZ	12.50	\$1.41	\$17.62	JUL
clethodim (Select)	OZ	8.00	\$0.76	\$6.09	JUL
2,4-D	PT	1.00	\$2.13	\$2.13	JUL
INSECTICIDES:					
lambda-cyhalothrin (Karate-Z)	OZ	1.60	\$2.76	\$4.41	AUG
phorate (Thimet)	LB	4.70	\$3.20	\$15.04	MAY
FUNGICIDES:					
chlorothalonil (Bravo)	PT	4.50	\$6.72	\$30.23	JN/JUL/AUG/SEP
prothioconazole+tebuconazole (Provost)	OZ	20.00	\$2.52	\$50.31	2X JUL/AUG
benzovindiflupyr+azoxystrobin (Elatius)	OZ	16.00	\$2.45	\$39.20	AUG/SEP
GROWTH REGULATOR:					
prohexadione calcium (Apogee)	OZ	4.80	\$4.88	\$23.42	2X JUL
TOTAL:				\$256.46	

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PEANUTS - IRRIGATED - STRIP TILL

ESTIMATED COSTS AND RETURNS PER ACRE
4000 POUND YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
PEANUTS	LBS	4000.00	\$0.218	\$870.00	_____
TOTAL RECEIPTS:				\$870.00	\$0.00
2. VARIABLE COSTS					
SEED	LBS	120.00	\$0.93	\$111.60	_____
INOCULANT	ACRE	1.00	\$7.00	\$7.00	_____
FERTILIZER					
PHOSPHATE	LBS	40.00	\$0.52	\$20.80	_____
POTASH	LBS	60.00	\$0.40	\$24.00	_____
BORON	LBS	2.50	\$1.48	\$3.70	_____
MANGANESE	LBS	2.00	\$1.51	\$3.02	_____
LIME (PRORATED)	TON	0.50	\$47.50	\$23.75	_____
LAND PLASTER (SPREAD)	TON	0.75	\$60.00	\$45.00	_____
HERBICIDES	ACRE	1.00	\$105.20	\$105.20	_____
INSECTICIDES	ACRE	1.00	\$19.45	\$19.45	_____
FUNGICIDES	ACRE	1.00	\$95.85	\$95.85	_____
GROWTH REGULATOR	ACRE	1.00	\$23.42	\$23.42	_____
IRRIG., MACH & LABOR **	ACRE	1.00	\$100.00	\$100.00	_____
CROP SCOUTING	ACRE	1.00	\$10.00	\$10.00	_____
HAULING	TON	2.00	\$15.00	\$30.00	_____
CROP INSURANCE	ACRE	1.00	\$20.00	\$20.00	_____
DRYING & CLEANING	TON	1.33	\$50.00	\$66.70	_____
STATE CHECK-OFF FEE	TON	2.00	\$2.00	\$4.00	_____
NATIONAL ASSESMENT **	ACRE	1.00	\$7.10	\$7.10	_____
TRACTOR/MACHINERY	ACRE	1.00	\$63.90	\$63.90	_____
LABOR	HRS	3.35	\$11.25	\$37.69	_____
INTEREST ON OP. CAP.	DOL.	\$411.09	5.0%	\$20.55	_____
TOTAL VARIABLE COSTS:				\$842.73	\$0.00
3. INCOME ABOVE VARIABLE COSTS:				\$27.27	\$0.00
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$121.30	\$121.30	_____
IRRIGATION	ACRE	1.00	\$30.00	\$30.00	_____
TOTAL FIXED COSTS:				\$151.30	\$0.00
5. OTHER COSTS					
LAND RENT	ACRE	1.00	\$60.00	\$60.00	_____
GENERAL OVERHEAD	DOL.	\$842.73	7.0%	\$58.99	_____
TOTAL OTHER COSTS:				\$118.99	\$0.00
6. TOTAL COSTS:				\$1,113.02	\$0.00
7. NET RETURNS TO RISK AND MANAGEMENT:				-\$243.02	\$0.00

<u>BREAK-EVEN YIELD</u>		<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	4073 LBS	VARIABLE COSTS	\$0.211
TOTAL COSTS	5609 LBS	TOTAL COSTS	\$0.278

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** 4 IRRIGATIONS OF 1 INCH PER ACRE

*** NATIONAL ASSESMENT IS 1% OF GROSS RECEIPT AT LOAN RATE AND IS ALSO NAMED NATIONAL PROMOTION AND RESEAR

PEANUTS - IRRIGATED - STRIP TILL						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 4000 YIELD PEANUTS						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
5	SUBSOILER-PLANTER 6-ROW	1.00	0.20	0.18	\$6.82	\$7.92
4-9	SELF PROPELLED SPRAYER 90'	9.00	0.10	0.09	\$7.56	\$8.82
10	DIGGER INVERTER 6-ROW	1.00	0.37	0.34	\$17.72	\$20.03
10	PEANUT COMBINE 4-ROW	1.00	0.61	0.55	\$29.99	\$82.34
10	FRONT-END LOADER	1.00	0.21	0.19	\$1.81	\$2.19
10	PEANUT DUMP CART	1.00	0.45	0.41	\$15.25	\$26.49
PER ACRE TOTALS FOR SELECTED OPERATIONS			1.49	1.35	\$63.90	\$121.30
UNALLOCATED LABOR(HRS./AC.)			1.86			

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES						
YIELD	PRICE (\$/lbs.)					
LBS.	\$0.18	\$0.20	\$0.22	\$0.24	\$0.26	
3000	-\$306.08	-\$246.08	-\$193.58	-\$126.08	-\$66.08	
3500	-\$234.61	-\$164.61	-\$103.36	-\$24.61	\$45.40	
4000	-\$163.13	-\$83.13	-\$13.13	\$76.87	\$156.87	
4500	-\$91.65	-\$1.65	\$77.10	\$178.35	\$268.35	
5000	-\$20.18	\$79.82	\$167.32	\$279.82	\$379.82	

CHEMICAL USE ASSUMPTIONS FOR 4000 YIELD PEANUTS						
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH	
HERBICIDES:						
glyphosate (Roundup ultra)	QT	1.50	\$5.44	\$8.16	APR	
2,4-D	PT	1.50	\$2.13	\$3.19	APR	
pendimethalin (Prowl)	PT	2.30	\$4.98	\$11.46	APR	
flumioxazin (Valor)	OZ	3.00	\$7.06	\$21.19	MAY	
metolachlor (Dual Magnum)	OZ	16.00	\$0.92	\$14.69	JUN	
paraquat (Gramoxone Extra)	PT	0.75	\$3.68	\$2.76	JUN	
imazapic (Cadre)	OZ	4.00	\$3.46	\$13.86	JUN	
2, 4-DB	PT	1.00	\$4.05	\$4.05	JUN	
lactofen (Cobra)	OZ	12.50	\$1.41	\$17.62	JUL	
clethodim (Select)	OZ	8.00	\$0.76	\$6.09	JUL	
2,4-D	PT	1.00	\$2.13	\$2.13	JUL	
INSECTICIDES:						
lambda-cyhalothrin (Karate-Z)	OZ	1.60	\$2.76	\$4.41	AUG	
phorate (Thimet)	LB	4.70	\$3.20	\$15.04	MAY	
FUNGICIDES:						
chlorothalonil (Bravo)	PT	4.50	\$6.72	\$30.23	JN/JUL/AUG/SEP	
prothioconazole+tebuconazole (Provost)	OZ	20.00	\$2.52	\$50.31	2X JUL/AUG	
benzovindiflupyr+azoxystrobin (Elatius)	OZ	16.00	\$0.96	\$15.31	AUG/SEP	
GROWTH REGULATOR:						
prohexadione calcium (Apogee)	OZ	4.80	\$4.88	\$23.42	2X JUL	
TOTAL:				\$243.92		

The above listed chemicals are examples and do not imply exclusive recommendations by Clemson University. Contact your local Extension Agent and consult the South Carolina Pest Management Handbook for more information.

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