

CLEMSON

EXTENSION

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PEANUTS - DRYLAND - STRIP TILL

ESTIMATED COSTS AND RETURNS PER ACRE, 2009/2010
3000 POUND YIELD

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
PEANUTS	LBS	3000.00	\$0.250	\$750.00	_____
TOTAL RECEIPTS:				\$750.00	_____
2. VARIABLE COSTS					
SEED	LBS	120.00	\$0.70	\$84.00	_____
INOCULANT	OZ	14.00	\$1.00	\$14.00	_____
FERTILIZER					
PHOSPHATE	LBS	40.00	\$1.28	\$51.20	_____
POTASH	LBS	40.00	\$0.90	\$36.00	_____
BORON	LBS	2.50	\$1.25	\$3.13	_____
MANGANESE	LBS	5.00	\$0.33	\$1.65	_____
LIME (PRORATED)	TON	0.50	\$51.00	\$25.50	_____
LAND PLASTER (SPREAD)	TON	0.75	\$32.00	\$24.00	_____
HERBICIDES	ACRE	1.00	\$58.04	\$58.04	_____
INSECTICIDES	ACRE	1.00	\$12.58	\$12.58	_____
FUNGICIDES	ACRE	1.00	\$64.79	\$64.79	_____
GROWTH REGULATOR	ACRE	1.00	\$15.90	\$15.90	_____
CONSULTANT FEE	ACRE	1.00	\$15.00	\$15.00	_____
HAULING	TON	1.50	\$20.00	\$30.00	_____
DRYING & CLEANING	TON	1.50	\$40.00	\$60.00	_____
STATE CHECK-OFF FEE	TON	1.50	\$2.00	\$3.00	_____
NATIONAL ASSESSMENT **	ACRE	1.00	\$5.33	\$5.33	_____
CROP INSURANCE	ACRE	1.00	\$12.00	\$12.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$58.65	\$58.65	_____
LABOR	HRS	4.46	\$6.50	\$28.99	_____
INTEREST ON OP. CAP.	DOL.	\$232.22	9.0%	\$20.90	_____
TOTAL VARIABLE COSTS:				\$624.66	_____
3. INCOME ABOVE VARIABLE COSTS:				\$125.34	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$113.30	\$113.30	_____
TOTAL FIXED COSTS:				\$113.30	_____
5. OTHER COSTS					
LAND RENT	ACRE	1.00	\$40.00	\$40.00	_____
GENERAL OVERHEAD	DOL.	\$624.66	9.0%	\$56.22	_____
TOTAL OTHER COSTS:				\$96.22	_____
6. TOTAL COSTS:				\$834.18	_____
7. NET RETURNS TO RISK AND MANAGEMENT:				-\$84.18	_____

BREAK-EVEN YIELD

VARIABLE COSTS	2433	LBS	<u>BREAK-EVEN PRICE</u>	VARIABLE COSTS	\$0.208
TOTAL COSTS	3408	LBS	TOTAL COSTS	TOTAL COSTS	\$0.278

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

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

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	STRIP TILL RIG	1.00	0.34	0.31	\$5.92	\$9.87
4-9	HIBOY	8.00	0.53	0.48	\$15.92	\$30.40
6	FERTILIZER SPREADER	1.00	0.13	0.12	\$1.85	\$4.54
10	DIGGER INVERTER 6-ROW	1.00	0.37	0.34	\$12.82	\$13.11
10	PEANUT COMBINE 4-ROW	1.00	0.61	0.55	\$22.14	\$55.38
PER ACRE TOTALS FOR SELECTED OPERATIONS			1.98	1.80	\$58.65	\$113.30
UNALLOCATED LABOR(HRS./AC.)			2.48			

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES						
YIELD	PRICE (\$/lbs.)					
LBS.	\$0.21	\$0.23	\$0.25	\$0.27	\$0.29	
2000	-\$173.66	-\$133.66	-\$93.65	-\$53.65	-\$13.65	
2500	-\$85.49	-\$35.49	\$14.51	\$64.51	\$114.51	
3000	\$2.68	\$62.68	\$122.68	\$182.68	\$242.68	
3500	\$90.85	\$160.85	\$230.85	\$300.85	\$370.85	
4000	\$179.02	\$259.02	\$339.02	\$419.02	\$499.02	

CHEMICAL USE ASSUMPTIONS FOR 3000 YIELD PEANUTS					
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH
HERBICIDES:					
glyphosate (Roundup ultra)	QT	1.50	\$7.65	\$11.48	APR
pendimethalin (Prowl)	PT	2.30	\$2.54	\$5.85	MAY
flumioxazin (Valor)	OZ	3.00	\$3.91	\$11.73	MAY
imazameth (Cadre)	OZ	4.00	\$4.73	\$18.91	JUN
2, 4-DB	PT	1.00	\$2.79	\$2.79	JUN
clethodim (Select)	OZ	8.00	\$0.91	\$7.28	JUL
INSECTICIDES:					
lambda-cyhalothrin (Karate-Z)	OZ	1.60	\$1.58	\$2.53	AUG
phorate (Thimet)	LB	5.00	\$2.01	\$10.05	MAY
FUNGICIDES:					
chlorothalonil (Bravo)	PT	6.50	\$3.56	\$23.16	JUN/JUL/AUG/SEP
tebuconazole(Folicur)	OZ	28.80	\$1.45	\$41.63	4X JUL/AUG/SEP
GROWTH REGULATOR:					
prohexadione calcium (Apogee)	OZ	4.80	\$3.31	\$15.90	2X JUL
TOTAL:				\$151.31	

The above listed chemicals are examples and do not imply exclusive recommendations by Clemson University. See PeanutMoneyMaker production guide: virtual.clemson.edu/groups/peanuts. Production assumptions provided by Jay W. Chapin, Extension Specialist, (803) 284-3343, jchapin@clemson.edu.

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