Peanuts, Conventional-Virginia Type-2024

NC STATE UNIVERSITY

\$0.33

ESTIMATED COSTS AND RETURNS PER ACRE, 2024 4000 POUND YIELD STATE AVERAGE

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
	orari	Quintin	0001/0111	T ERVIOIRE	17444
I. GROSS RECEIPTS					
PEANUTS	LBS	4000.00	\$0.27	\$1,080.00	· · · · · · · · · · · · · · · · · · ·
TOTAL RECEIPTS:				\$1,080.00	
2. VARIABLE COSTS					
PEANUT SEED	LBS	130.00	\$1.03	\$133.90	
INOCULANT	OZ	0.25	\$91.82	\$22.96	
FERTILIZER	02	0.20	\$01.0L	φ <u>22.00</u>	
30% NITROGEN SOLUTION	CWT	0.00	\$15.00	\$0.00	
46% SUPERPHOSPHATE	LBS	30.00	\$0.30		
0-0-60 MURATE OF POTASH	LBS	90.00	\$0.46	\$41.40	
MANGANESE SULFATE	LBS	3.00	\$0.74		
SOLUBOR (20%)	LBS	25.00	\$2.00	\$50.00	
LIME SPREAD	TON	0.50	\$95.00		
GYPSUM SPREAD	TON	0.60	\$95.00		
	ACRE				
HERBICIDES		1.00	\$79.31		
INSECTICIDES	ACRE	1.00	\$30.24		
FUNGICIDES	ACRE	1.00	\$52.61		
GROWTH REGULATOR	ACRE	1.00	\$59.44		
SCOUTING	ACRE	1.00	\$20.00		
HAULING	TON	2.00	\$12.00		
DRYING & CLEANING	TON	2.00	\$45.00		
STATE CHECK-OFF FEE	TON	2.00	\$3.00		
NATIONAL ASSESMENT**	DOL.	\$ 1,080.00	0.95%		
CROP INSURANCE	ACRE	1.00	\$30.00		
TRACTOR/MACHINERY	ACRE	1.00	\$113.15	\$113.15	
LABOR	HRS	4.59	\$14.91	\$68.44	
INTEREST ON OP. CAP.	DOL.	\$383.59	8.5%	\$32.60	
TOTAL VARIABLE COSTS:			_	\$979.79	
. INCOME ABOVE VARIABLE COSTS:				\$100.21	
INCOME ABOVE VARIABLE COSTS.				φ100.21 <u></u>	
. FIXED COSTS TRACTOR/MACHINERY	ACRE	1.00	\$278.70	\$278.70	
TRACTOR/MACHINERT	ACRE	1.00	φ270.70	\$270.70 <u> </u>	·····
TOTAL FIXED COSTS:			=	\$278.70	
5. OTHER COSTS					
GENERAL OVERHEAD	DOL.	\$979.79	7.0%	\$68.59	
TOTAL OTHER COSTS:			_	\$68.59	
5. TOTAL COSTS:				\$1,327.08	
. NET RETURNS TO LAND, RISK, AND MAN	GEMENT:			-\$247.08	
		DD			
<u>BREAK-EVEN YIELD</u> VARIABLE COSTS	3607		VARIABLE (\$0.25
	3007	LD0			ψ0.20

* THIS BUDGET WAS DEVELOPED FOR PLANNING PURPOSES ONLY AND DOES NOT INCLUDE LAND RENT

TOTAL COSTS

** NATIONAL ASSESSMENT IS 1% OF GROSS RECEIPT AND IS ALSO NAMED NATIONAL LOSS, PROMOTION, RESEARCH ASSESSMENT.

5094 LBS

TOTAL COSTS

*FERTILIZER COST IS PRICE PER LB OF FERTILZER LISTED, FARMERS SHOULD USE SOIL TEST TO DETERIMINE NUTRIENT RATES *FERTILIZER AMOUNTS ARE BASED ON REMOVAL RATES, NUTRIENT REMOVAL RATES CAN BE FOUND HERE

PEANUTS -	PEANUTS - CONVENTINAL VIRGINIA PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 3800 YIELD PEANUTS						
MONTH	OPERATION	TIMES	LABOR	MACHINE	VARIABLE	FIXED	
	0	OVER	HOURS	HOURS	COSTS	COSTS	
4 4 5,6,7,8,9 6 10	HEAVY DISK 20' SUBSOILER-BEDDER 4-ROW PEANUT PLANTER HIBOY 90' DIGGER INVERTER 6-ROW PEANUT COMBINE 4-ROW	2.00 1.00 1.00 7.00 1.00 1.00	0.24 0.23 0.25 0.25 0.41 0.66	0.20 0.19 0.21 0.21 0.34 0.55	\$10.78 \$5.60 \$6.12 \$46.62 \$16.41 \$27.62	\$30.00 \$9.18 \$14.57 \$87.29 \$33.46 \$104.20	
SELECTE	E TOTALS FOR D OPERATIONS CATED LABOR(HRS./AC.)		2.04 2.55	1.70	\$113.15	\$278.70	

l	INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES						
YIELD	ELD PRICE (\$/lbs)						
LBS.	\$0.23	\$0.26	\$0.27	\$0.30	\$0.31		
3000	-\$260.98	-\$172.46	-\$142.96	-\$54.44	-\$24.94		
3500	-\$162.84	-\$59.58	-\$25.15	\$78.11	\$112.54		
4000	-\$64.71	\$53.31	\$92.65	\$210.67	\$250.01		
4500	\$33.42	\$166.19	\$210.45	\$343.22	\$387.48		
5000	\$131.55	\$279.08	\$328.25	\$475.78	\$524.95		

*NC STATE DOES NOT ENDORSE ANY COMPANY OR CHEMICAL NAMES ASSOCIATED TO ACTIVE INGREDIENTS

*PEST CONTROL ASSUM	IPTIONS	EOD 2000 VIE			
	in Home	S FOR 3000 TIE	LD PEANUTS		
			PRICE OR	TOTAL	
	UNIT	QUANTITY	COST/UNIT	PER ACRE	MONTH
S:					
netolachlor (Dual Magnum EC)	PT	1.33	\$10.75	\$14 29	AP
, ,					AP
				•	MA
			,		MA
					JUL
4-DB	PT	4.00	\$6.24	\$24.98	JUN
)FS [.]					
	ΟZ	9.00	\$2.29	\$20.61	APF
			· -		JU
ephate (Orthene)	ΟZ	12.00	\$0.51	\$6.07	MAY/JUNE
S:					
orothalonil (Bravo)	PT	1.50	\$5.00	\$7.50	JUNE
othioconazole+tebuconazole (Provost)	ΟZ	10.00	\$1.45	\$14.50	JUI
loxacarb (Steward)	ΟZ	9.50	\$1.91	\$18.18	AUC
othioconazole+tebuconazole (Provost)	ΟZ	3.40	\$1.45	\$4.93	SEF
orothalonil (Bravo)	PT	1.50	\$5.00	\$7.50	SEF
REGULATORS:					
ohexadione calcium (Apogee)	ΟZ	14.50	\$4.10	\$59.44	JUI
				* 224.22	
IOTAL:				\$221.60	
	netolachlor (Dual Magnum EC) mioxazin (Valor) raquat (Gramoxone Extra) ntazon (Basagran) ntazon + acifluorfen 4-DB DES: dacloprid (Admire Pro) nbda-cyhalothrin (Karate-Z) ephate (Orthene) S: orothalonil (Bravo) othioconazole+tebuconazole (Provost) oxacarb (Steward) othioconazole+tebuconazole (Provost) orothalonil (Bravo) 2EGULATORS:	S: netolachlor (Dual Magnum EC) PT mioxazin (Valor) OZ raquat (Gramoxone Extra) PT ntazon (Basagran) PT ntazon (Basagran) PT ntazon + acifluorfen OZ 4-DB PT DES: dacloprid (Admire Pro) OZ nbda-cyhalothrin (Karate-Z) OZ ephate (Orthene) OZ S: orothalonil (Bravo) PT thioconazole+tebuconazole (Provost) OZ ioxacarb (Steward) OZ orothalonil (Bravo) PT thioconazole+tebuconazole (Provost) OZ orothalonil (Bravo) PT thioconazole+tebuconazole (Provost) OZ orothalonil (Bravo) PT thioconazole+tebuconazole (Provost) OZ orothalonil (Bravo) PT EEGULATORS: ohexadione calcium (Apogee) OZ	S: netolachlor (Dual Magnum EC) PT 1.33 mioxazin (Valor) OZ 2.00 raquat (Gramoxone Extra) PT 0.68 ntazon (Basagran) PT 1.60 ntazon + acifluorfen OZ 1.50 4-DB PT 4.00 DES: dacloprid (Admire Pro) OZ 9.00 nbda-cyhalothrin (Karate-Z) OZ 2.00 ephate (Orthene) OZ 12.00 S: orothalonil (Bravo) PT 1.50 othioconazole+tebuconazole (Provost) OZ 10.00 ioxacarb (Steward) OZ 9.50 othioconazole+tebuconazole (Provost) OZ 3.40 orothalonil (Bravo) PT 1.50 thioconazole+tebuconazole (Provost) OZ 3.40 orothalonil (Bravo) PT 1.50 teGULATORS: thexadione calcium (Apogee) OZ 14.50	UNITQUANTITYCOST/UNITS: netolachlor (Dual Magnum EC)PT1.33\$10.75nioxazin (Valor)OZ2.00\$3.85raquat (Gramoxone Extra)PT0.68\$2.50ntazon (Basagran)PT1.60\$10.00ntazon (Basagran)PT1.60\$10.00ntazon (Basagran)PT4.00\$6.24DES: dacloprid (Admire Pro)OZ9.00\$2.29nbda-cyhalothrin (Karate-Z)OZ2.00\$1.78orothalonil (Bravo)PT1.50\$5.00thioconazole+tebuconazole (Provost)OZ10.00\$1.45oxacarb (Steward)OZ9.50\$1.91orothalonil (Bravo)PT1.50\$5.00thioconazole+tebuconazole (Provost)OZ3.40\$1.45orothalonil (Bravo)PT1.50\$5.00thioconazole+tebuconazole (Provost)OZ3.40\$1.45orothalonil (Bravo)PT1.50\$5.00thioconazole+tebuconazole (Provost)OZ3.40\$1.45orothalonil (Bravo)PT1.50\$5.00thioconazole+tebuconazole (Provost)OZ3.40\$1.45orothalonil (Bravo)PT1.50\$5.00teguLLATORS: whexadione calcium (Apogee)OZ14.50\$4.10	UNIT QUANTITY COST/UNIT PER ACRE S: netolachlor (Dual Magnum EC) PT 1.33 \$10.75 \$14.29 mioxazin (Valor) OZ 2.00 \$3.85 \$7.71 raquat (Gramoxone Extra) PT 0.68 \$2.50 \$1.70 ntazon (Basagran) PT 1.60 \$10.00 \$16.00 ntazon + acifluorfen OZ 1.50 \$9.75 \$14.63 4-DB PT 4.00 \$6.24 \$24.98 DES: \$3.56 dacloprid (Admire Pro) OZ 9.00 \$2.29 \$20.61 nbda-cyhalothrin (Karate-Z) OZ 2.00 \$1.78 \$3.56 ephate (Orthene) OZ 12.00 \$0.51 \$6.07 S: \$1.45 \$4.45 orothalonil (Bravo) PT 1.50 \$5.00 \$7.50 sthioconazole+tebuconazole (Provost) OZ 10.00 \$1.45 \$4.93 orothalonil (

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