

PEANUTS-CONVENTIONAL VIRGINIA 2008

ESTIMATED COSTS AND RETURNS PER ACRE, 2008
3500 POUND YIELD, 4 ROW EQUIPMENT

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
PEANUTS (QUOTA)	LBS	3500.00	\$0.30	\$1,050.00	_____
TOTAL RECEIPTS:				\$1,050.00	_____
2. VARIABLE COSTS					
SEED	LBS	140.00	\$0.60	\$84.00	_____
INOCULANT	ACRE	1.00	\$5.00	\$5.00	_____
FERTILIZER					
NITROGEN	LBS	15.00	\$0.46	\$6.90	_____
PHOSPHATE	LBS	30.00	\$0.50	\$15.00	_____
POTASH	LBS	90.00	\$0.23	\$20.70	_____
BORON	LBS	2.50	\$0.68	\$1.70	_____
LIME (PRORATED)	TON	0.50	\$42.50	\$21.25	_____
LAND PLASTER	TON	0.50	\$51.51	\$25.76	_____
HERBICIDES	ACRE	1.00	\$41.50	\$41.50	_____
INSECTICIDES	ACRE	1.00	\$39.45	\$39.45	_____
FUNGICIDES	ACRE	1.00	\$77.54	\$77.54	_____
SCOUTING	ACRE	1.00	\$0.00	\$0.00	_____
HAULING	TON	1.75	\$12.00	\$21.00	_____
DRYING & CLEANING	TON	1.75	\$45.00	\$78.75	_____
STATE CHECK-OFF FEE	TON	1.75	\$3.00	\$5.25	_____
NATIONAL ASSESSMENT	ACRE	1050.00	\$0.01	\$10.50	_____
CROP INSURANCE	ACRE	0.00	\$22.00	\$0.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$109.77	\$109.77	_____
LABOR	HRS	3.76	\$9.02	\$33.92	_____
INTEREST ON OP. CAP.	DOL.	\$224.29	9.25%	\$20.75	_____
TOTAL VARIABLE COSTS:				\$618.74	_____
3. INCOME ABOVE VARIABLE COSTS:				\$431.26	_____
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$180.20	\$180.20	_____
TOTAL FIXED COSTS:				\$180.20	_____
5. TOTAL COSTS:				\$798.94	_____
6. NET RETURNS TO LAND, RISK, AND MANAGEMENT:				\$251.06	_____

<u>BREAK-EVEN YIELD</u>		<u>BREAK-EVEN PRICE</u>	
VARIABLE COSTS	2062 LBS	VARIABLE COSTS	\$0.18
TOTAL COSTS	2663 LBS	TOTAL COSTS	\$0.23

* PLEASE NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY.
 ** NATIONAL ASSESSMENT IS 1.05% OF GROSS RECEIPT AND IS ALSO NAMED NATIONAL LOSS,PROMOTION,RESEARCH ASSESSMENT
 *** BUDGET DOES NOT INCLUDE SPRAYS FOR SCLEROTINIA BLIGHT OR FUMIGATION FOR CBR.

PEANUTS - CONVENTIONAL TILL						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 3500 YIELD PEANUTS - CONVENTIONAL TILL						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
4	CHISEL PLOW 18'	1.00	0.14	0.13	\$4.31	\$3.61
4	HEAVY DISK 16'	3.00	0.40	0.36	\$12.21	\$11.64
4	SUBSOILER-BEDDER 4-ROW	1.00	0.20	0.18	\$4.38	\$2.82
4	PEANUT PLANTER 4-ROW	1.00	0.28	0.25	\$6.02	\$7.16
5-9	PULL TYPE SPRAYER	7.00	1.39	1.26	\$14.98	\$19.67
6	FERTILIZER SPREADER	1.00	0.13	0.12	\$1.95	\$4.25
10	PEANUT DIGGER INVERTER 4-ROW	1.00	0.61	0.55	\$43.24	\$79.16
10	PEANUT COMBINE 4-ROW	1.00	0.61	0.55	\$22.68	\$51.89
PER ACRE TOTALS FOR SELECTED OPERATIONS			3.76	3.40	\$109.77	\$180.20
UNALLOCATED LABOR(HRS./AC.)						

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES						
YIELD	PRICE (\$/lbs)					
LBS.	\$0.26	\$0.29	\$0.30	\$0.33	\$0.35	
2900	\$151.49	\$237.06	\$265.58	\$351.14	\$408.19	
3200	\$219.22	\$313.64	\$345.11	\$439.53	\$502.47	
3500	\$286.95	\$390.22	\$424.64	\$527.91	\$596.76	
3800	\$354.69	\$466.80	\$504.18	\$616.30	\$691.04	
4100	\$422.42	\$543.39	\$583.71	\$704.68	\$785.33	

CHEMICAL USE ASSUMPTIONS FOR 3500 YIELD PEANUTS - CONVENTIONAL TILL					
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH
HERBICIDES:					
pendimethalin (Prowl)	PT	1.00	\$3.17	\$3.17	APR
paraquat dichloride (Gramoxone INTEGON)	OZ	8.00	\$0.21	\$1.69	2X MAY/JUN
2,4-DB	PT	1.20	\$3.71	\$4.45	2X MAY/JUN
s-metolachlor (Dual Magnum)	PT	1.00	\$9.75	\$9.75	APR
bentazon + acifluorfen (Storm)	OZ	1.50	\$4.91	\$7.37	2X MAY/JUN
surfactant	ACRE	2.00	\$2.84	\$5.68	2X MAY/JUN
clethodim (Select)	OZ	8.00	\$1.02	\$8.13	2X MAY/JUN
crop oil	GAL	0.25	\$5.05	\$1.26	JULY
INSECTICIDES:					
aldicarb (Temik)	LB	7.00	\$3.00	\$21.00	MAY
chlorpyrifos (Lorsban)	LB	12.00	\$1.14	\$13.68	JULY
lamda-cyhalothrin (Karate Z)	OZ	2.00	\$2.38	\$4.77	AUG
FUNGICIDES:					
chlorothalonil (Bravo)	PT	3.00	\$5.33	\$15.99	JUN/SEPT
pyraclostrobin (Headline)	OZ	9.00	\$1.68	\$15.08	JUL
azoxystrobin (Abound)	OZ	18.00	\$1.78	\$32.06	AUG
tebuconazole(Folicur)	OZ	7.20	\$2.00	\$14.41	JUL/AUG
TOTAL:				\$158.49	