

# PEANUTS - VIRGINIA STRIP TILL - 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
<b>1. GROSS RECEIPTS</b>					
PEANUTS (QUOTA)	LBS	3500.00	\$0.30	\$1,050.00	_____
TOTAL RECEIPTS:				<b>\$1,050.00</b>	_____
<b>2. VARIABLE COSTS</b>					
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	\$39.35	\$39.35	_____
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 ASSESMENT	ACRE	1050.00	\$0.01	\$10.50	_____
CROP INSURANCE	ACRE	1.00	\$0.00	\$0.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$105.46	\$105.46	_____
LABOR	HRS	3.40	\$9.02	\$30.67	_____
INTEREST ON OP. CAP.	DOL.	\$221.06	9.25%	\$20.45	_____
TOTAL VARIABLE COSTS:				<b>\$608.73</b>	_____
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				<b>\$441.27</b>	_____
<b>4. FIXED COSTS</b>					
TRACTOR/MACHINERY	ACRE	1.00	\$188.48	\$188.48	_____
TOTAL FIXED COSTS:				<b>\$188.48</b>	_____
<b>6. TOTAL COSTS:</b>				<b>\$797.21</b>	_____
<b>7. NET RETURNS TO LAND, RISK, AND MANAGEMENT:</b>				<b>\$252.79</b>	_____

<b><u>BREAK-EVEN YIELD</u></b>		<b><u>BREAK-EVEN PRICE</u></b>	
VARIABLE COSTS	2029 LBS	VARIABLE COSTS	\$0.17
TOTAL COSTS	2657 LBS	TOTAL COSTS	\$0.23

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

\*\* NATIONAL ASSESMENT IS 1.05% OF GROSS RECEIPT AND IS ALSO NAMED NATIONAL LOSS,PROMOTION,RESEARCH ASSESMENT

\*\*\* BUDGET DOES NOT INCLUDE SPRAYS FOR SCLEROTINIA BLIGHT OR FUMIGATION FOR CBR.

PEANUTS - STRIP TILL						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR 3500 YIELD PEANUTS - STRIP TILL						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
4	SUBSOILER-BEDDER 4-ROW	1.00	0.20	0.18	\$4.38	\$2.82
4	STRIP TILL RIG 4-ROW	1.00	0.18	0.16	\$12.21	\$23.53
4	PEANUT PLANTER 4-ROW	1.00	0.28	0.25	\$6.02	\$7.16
5,6,7,8,9	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			3.40	3.07	\$105.46	\$188.48
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	\$161.50	\$247.07	\$275.59	\$361.15	\$418.20	
3200	\$229.23	\$323.65	\$355.12	\$449.54	\$512.48	
3500	\$296.96	\$400.23	\$434.65	\$537.92	\$606.77	
3800	\$364.70	\$476.81	\$514.19	\$626.31	\$701.05	
4100	\$432.43	\$553.40	\$593.72	\$714.69	\$795.34	

CHEMICAL USE ASSUMPTIONS FOR 3500 YIELD PEANUTS - STRIP TILL					
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH
<b>HERBICIDES:</b>					
glyphosate (generic)	OZ	1.00	\$0.11	\$0.11	APR
paraquat dichloride (Gramoxone INTEGON)	OZ	8.00	\$0.21	\$1.69	MAY
s-metolachlor (Dual Magnum)	PT	1.00	\$10.66	\$10.66	MAY
2,4-DB	PT	1.20	\$3.71	\$4.45	JUNE/JULY
bentazon + acifluorfen (Storm)	OZ	1.50	\$4.91	\$7.37	JUNE
surfactant	ACRE	2.00	\$2.84	\$5.68	JULY
clethodim (Select)	OZ	8.00	\$1.02	\$8.13	JULY
crop oil	GAL	0.25	\$5.05	\$1.26	JULY
<b>INSECTICIDES:</b>					
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
<b>FUNGICIDES:</b>					
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:				\$156.34	