

PEANUTS - Contract - Runner

ESTIMATED COSTS AND RETURNS PER ACRE
3500 POUND YIELD

Acres
1

	UNIT	QUANTITY PER ACRE	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
PEANUTS - Runner	LBS	3500.00	\$0.20	\$700.00	.....
TOTAL RECEIPTS:				\$700.00	.....
2. PRE-HARVEST VARIABLE COSTS					
SEED: PEANUTS	LBS	110.00	\$0.69	\$75.90	.....
Seed Treatment	Acres	1.00	\$5.00	\$5.00	.....
Cover Crop					.....
FERTILIZER*	Soil Test Recommendation				
Nitrogen	LBS	0.00	\$0.38	\$0.00	.....
Phosphate (Pro-rated)	LBS	50.00	\$0.32	\$16.00	.....
Potash (Pro-rated)	LBS	100.00	\$0.26	\$26.00	.....
Land Plaster	TON	0.60	\$75.00	\$45.00	.....
LIME (Pro-rated)	TON	0.33	\$32.50	\$10.73	.....
Trace Elements (Mn, B)	ACRE	1.00	\$4.25	\$4.25	.....
Fertilizer Application	ACRE	0.00	\$7.25	\$0.00	.....
Nematicides / Fumigants	ACRE	1.00	\$26.25	\$26.25	.....
Herbicides	ACRE	1.00	\$31.08	\$31.08	.....
Insecticides	ACRE	1.00	\$43.79	\$43.79	.....
Fungicides	ACRE	1.00	\$46.12	\$46.12	.....
CROP INSURANCE	ACRE	1.00	\$23.43	\$23.43	.....
CASH RENT OR LAND CHARGE	ACRE	1.00	\$0.00	\$0.00	.....
Tractor Equipment: Fuel & Oil	Eq Gallons	11.03	\$2.35	\$25.93	.....
Tractor Equipment: Repairs	ACRE	1.00	\$28.33	\$28.33	.....
Tractor Equipment: Labor	HRS	5.44	\$12.00	\$65.31	.....
PRODUCTION INTEREST	6 MONTHS	\$236.56	7.0%	\$16.56	.....
TOTAL PRE-HARVEST COSTS			\$0.14 PER LB.	\$489.68	.....
3. HARVEST VARIABLE COSTS					
Tractor Equipment: Fuel & Oil	Eq Gallons	7.44	\$2.35	\$17.48	.....
Tractor Equipment: Repairs	ACRE	1.00	\$17.82	\$17.82	.....
Tractor Equipment: Labor	HRS	2.03	\$12.00	\$24.30	.....
Drying & Cleaning	CWT	35.00	\$1.00	\$35.00	.....
Hauling	CWT	35.00	\$0.60	\$21.00	.....
Marketing Assessment	CWT	35.00	\$0.40	\$14.00	.....
TOTAL HARVEST COSTS:			\$0.04 PER LB.	\$129.60	.....
4. TOTAL VARIABLE COSTS		Breakeven Yield 3096 Pounds	Breakeven Price \$0.18 PER Pound \$353.87 PER Ton	\$619.28	.....
5. RETURN OVER TOTAL VARIABLE COSTS				\$80.72	.....
6. MACHINERY FIXED COSTS (BASED ON NEW EQUIPMENT COST)					
TRACTOR & MACHINERY	ACRE	1.00	\$248.51	\$248.51	.....
7. OTHER FIXED COSTS					
GENERAL OVERHEAD	DOL.	\$619.28	8.0%	\$49.54	.....
8. TOTAL FIXED COSTS:				\$298.05	.....
9. TOTAL VARIABLE & FIXED COSTS			\$0.26 PER Pound	\$917.33	.....
10. PROJECTED NET RETURNS TO LAND, RISK AND MANAGEMENT:				-\$217.33	.....

* This BUDGET is for PLANNING PURPOSES ONLY. Fertilizer rates are based on projected nutrient removal of harvested crop.

* Fertilizer requirements will vary with application method, manure use and/or residual nutrient levels in the soil.

PEANUTS - Contract - Runner							
PER ACRE MACHINERY AND LABOR REQUIREMENTS							
MONTH	OPERATION	Times OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, & LUBE	REPAIR COSTS	FIXED COSTS
PRE-HARVEST							
	140HP + Plow 6-18"	1	0.31	0.28	4.66	\$8.77	\$9.47
	140HP + Offset Disk 16FT	1	0.14	0.13	2.16	\$2.02	\$5.02
	120HP + Disk W/Sprayer 21FT	1	0.13	0.12	1.71	\$1.73	\$4.29
	120HP + Subsoiler-Bedder 4R	1	0.25	0.23	3.28	\$3.30	\$5.98
	100HP + Planter W/Sprayer 4R	1	0.30	0.27	3.21	\$5.26	\$8.66
	120MFWD + Boom Sprayer - 60FT	5	0.28	0.25	3.55	\$3.05	\$9.10
	IRRIGATION	1	3.68	2.25	7.36	\$4.20	\$137.08
25%	UNALLOCATED LABOR(HRS./AC.)		0.35				
	SUB-TOTAL PRE-HARVEST		5.44	3.53	25.93	28.33	\$179.60
HARVEST							
	100HP + Digger Inverter	1	1.01	0.92	10.94	\$8.21	\$20.21
	100HP + Peanut Combine	1	0.61	0.55	6.54	\$9.61	\$48.70
25%	UNALLOCATED LABOR(HRS./AC.)		0.41				
	SUB-TOTAL HARVEST		2.03	1.47	17.48	17.82	68.91

\$2.35 Fuel

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES							
FARM YIELD	TOTAL VARIABLE COSTS	FARM PRICE (\$/Lb.)					
		Lbs.	COST/ACRE	\$0.16	\$0.18	\$0.20	\$0.22	$0.24
2800	\$605.28		-\$157.28	-\$101.28	-\$45.28	\$10.72	66.72
3150	\$612.28		-\$108.28	-\$45.28	\$17.72	\$80.72	143.72
3500	\$619.28		-\$59.28	\$10.72	\$80.72	\$150.72	220.72
3850	\$626.28		-\$10.28	\$66.72	\$143.72	\$220.72	297.72
4200	\$633.28		\$38.72	\$122.72	\$206.72	\$290.72	374.72

10% Table Sensitivity

CHEMICAL USE ASSUMPTIONS							
TYPE	Trade Name	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH PERIOD	
X	Metam	GAL	7.50	\$3.50	\$26.25	April	
I	Temik 15G	LB	7.00	\$3.14	\$21.98	May	
I	Lorsban 15G	LB	13.00	\$1.30	\$16.90	May	
H	Prowl 3.3EC	PT	1.80	\$2.22	\$4.00	May	
H	Dual II Magnum	PT	1.00	\$11.96	\$11.96	May	
F	Bravo - Weather Stic	PT	2.80	\$5.04	\$14.11	June & Sept.	
H	Storm	PT	1.50	\$9.45	\$14.18	July	
H	Crop Oil	PT	1.00	\$0.94	\$0.94	July	
I	Orthene 97	LB	0.38	\$12.92	\$4.91	July	
F	Stratego	OZ	7.00	\$0.99	\$6.93	July	
F	Headline	OZ	6.00	\$1.75	\$10.50	Aug.	
F	Abound FL	OZ	9.00	\$1.62	\$14.58	Aug.	

Notes Chemical Type: H = Herbicide; I = Insecticide; F = Fungicide; X=Nemacides/Fumigants;

Trade and brand names are used only for the purpose of providing information. Virginia Cooperative Extension does not guarantee or warrant the standard of any product named to the exclusion of others which also may be suitable.