

CANOLA FOR GRAIN (Following Corn Silage)

ESTIMATED COSTS AND RETURNS PER ACRE

Acres

2000 LB. YIELD

1

	UNIT	QUANTITY PER ACRE	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
CANOLA	LBS	2000.00	\$0.10	\$200.00	-----
TOTAL RECEIPTS:				\$200.00	-----
2. PRE-HARVEST VARIABLE COSTS					
SEED: CANOLA	LBS	5.00	\$1.00	\$5.00	-----
OTHER SEED INOCULANT	UNIT				-----
FERTILIZER*	Soil Test Recommendation				
NITROGEN	LBS	98.00	\$0.38	\$37.24	-----
PHOSPHATE	LBS	47.00	\$0.32	\$15.04	-----
POTASH	LBS	24.00	\$0.26	\$6.24	-----
SULFUR	LBS	17.00	\$0.26	\$4.42	-----
FERTILIZER APPLICATION	ACRE	2.00	\$7.25	\$14.50	-----
LIME (PRORATED)	TON	0.33	\$32.50	\$10.73	-----
HERBICIDES	ACRE	1.00	\$2.66	\$2.66	-----
INSECTICIDES	ACRE	1.00	\$26.23	\$26.23	-----
FUNGICIDES	ACRE	1.00	\$0.00	\$0.00	-----
CHEMICAL APPLICATION	ACRE	1.00	\$7.00	\$7.00	-----
FUEL,OIL, LUBE	ACRE	1.00	\$5.92	\$5.92	-----
REPAIRS	ACRE	1.00	\$6.16	\$6.16	-----
PRE-HARVEST LABOR	HRS	0.65	\$12.00	\$7.80	-----
CASH RENT OR LAND CHARGE	ACRE	1.00	\$0.00	\$0.00	-----
CROP INSURANCE	ACRE	1.00	\$4.51	\$4.51	-----
SCOUTING	ACRE	1.00	\$0.00	\$0.00	-----
OTHER COSTS	ACRE	1.00	\$0.00	\$0.00	-----
PRODUCTION INTEREST	DOL.	\$76.73	7.0%	\$5.37	-----
TOTAL PRE-HARVEST COSTS		\$0.08 PER LB.		\$158.82	-----
3. HARVEST VARIABLE COSTS					
FUEL,OIL, LUBE	ACRE	1.00	\$6.96	\$6.96	-----
REPAIRS	ACRE	1.00	\$6.67	\$6.67	-----
HARVEST LABOR	HRS	0.36	\$12.00	\$4.32	-----
HAULING	LBS.	2000.00	0.0036	\$7.20	-----
STORAGE	LBS.	2000.00		\$0.00	-----
DRYING	LBS.	2000.00		\$0.00	-----
TOTAL HARVEST COSTS:		\$0.01 PER LB.		\$25.15	-----
4.TOTAL VARIABLE COSTS		1840 LBS.	\$0.09 PER LB.	\$183.97	-----
5. MACHINERY FIXED COSTS (BASED ON NEW EQUIPMENT COST)					
TRACTOR/MACHINERY	ACRE	1.00	\$52.19	\$52.19	-----
TOTAL FIXED COSTS:				\$52.19	-----
5. OTHER COSTS					
GENERAL OVERHEAD	DOL.	\$183.97	8.0%	\$14.72	-----
TOTAL OTHER COSTS:				\$14.72	-----
6. TOTAL COSTS		\$0.13 PER LB.		\$250.88	-----
7. PROJECTED NET RETURNS TO RISK AND MANAGEMENT:				-\$50.88	-----

* 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.

CANOLA FOR GRAIN (Following Corn Silage)							
PER ACRE MACHINERY AND LABOR REQUIREMENTS							
MONTH	OPERATION	Times OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, & LUBE	REPAIR COSTS	FIXED COSTS
PRE-HARVEST							
10	100HP + Offset Disk 12 FT	1	0.20	0.18	2.14	\$2.00	\$4.94
10	120HP + Tandem Disk 15FT Rigid	1	0.15	0.14	2.00	\$1.88	\$4.68
10	100HP + Grain Drill 15 FT - 10"	1	0.17	0.15	1.78	\$2.28	\$5.17
	UNALLOCATED LABOR(HRS./AC.)		0.13				
	SUB-TOTAL PRE-HARVEST		0.65	0.47	5.92	6.16	\$14.79
HARVEST							
6	Combine + Grain Table 15 FT	1	0.29	0.26	6.96	\$6.67	\$37.40
	UNALLOCATED LABOR(HRS./AC.)		0.07				
	SUB-TOTAL HARVEST		0.36	0.26	6.96	6.67	37.40

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES							
FARM YIELD	TOTAL VARIABLE COSTS	FARM PRICE (\$/Lb.)					
LBS.	COST/ACRE	\$0.08	\$0.09	\$0.10	\$0.11	\$0.12	
1600	\$178.27	-\$50.27	-\$34.27	-\$18.27	-\$2.27		13.73
1800	\$181.12	-\$37.12	-\$19.12	-\$1.12	\$16.88		34.88
2000	\$183.97	-\$23.97	-\$3.97	\$16.03	\$36.03		56.03
2200	\$186.82	-\$10.82	\$11.18	\$33.18	\$55.18		77.18
2400	\$189.67	\$2.33	\$26.33	\$50.33	\$74.33		98.33

10% Table Sensitivity

CHEMICAL USE ASSUMPTIONS							
TYPE	Trade Name	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH	
H	Treflan / Trilin	PT	1.50	\$1.77	\$2.66	October	
I	Capture	OZ	1.30	\$20.18	\$26.23	April	

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.