

FLUE-CURED TOBACCO - MACHINE HARVEST - BULK BARN
SOUTH GEORGIA AREA, 2012

ESTIMATED COSTS AND RETURNS ANALYSIS

EXPECTED YIELD (/ACRE): 2200 Lbs.

YIELD: YOUR FARM _____

VARIABLE COSTS:	Unit	No. Units	Price /Unit	Cost /Acre	Cost /Lb.	Your Farm
PREHARVEST						
Plants	Thou.	7.00	\$30.00	\$210.00	\$0.10	_____
Lime	Ton	0.33	33.00	10.89	0.00	_____
Fertilizer						
6-6-18 or Equiv.	Cwt.	14.00	34.00	476.00	0.22	_____
15.5-0-0 or Equiv.	Cwt.	1.50	35.00	52.50	0.02	_____
Nematicide-cont. or fum.	Acre	1.00	80.00	80.00	0.04	_____
Fungicide-Ridomil Gold,						
For Race 1 Blackshank	Pt.	2.00	92.00	184.00	0.08	_____
Herbicides	Acre	1.00	55.00	55.00	0.03	_____
Insecticides						
Soil - Admire	Oz.	12.50	4.00	50.00	0.02	_____
Soil - Actigard	Acre	1.00	2.00	2.00	0.001	_____
Foliar-Orth, Trac, Dip	Appl.	4.00	11.50	46.00	0.02	_____
Sucker Control						
Contact - 4 Appl.	Gal.	6.00	14.00	84.00	0.04	_____
MH (2.25 lbs./gal.)	Gal.	1.00	15.00	15.00	0.01	_____
Prime +	Qt.	2.00	16.00	32.00	0.01	_____
Insurance-75% Coverage	Dol.	2200	0.035	77.00	0.04	_____
Machinery						
Fuel - Diesel	Gal.	11.60	3.55	41.18	0.02	_____
Repairs and Maint.	Acre	1.00	55.63	55.63	0.03	_____
Irrigation	Appl.	6.00	14.50	87.00	0.04	_____
Electric Meter Charge	Month	12.00	2.00	24.00	0.01	_____
Labor - Machinery	Hour	17.20	11.25	193.50	0.09	_____
Labor - Topping	Hour.	14.00	11.25	157.50	0.07	_____
Other _____		0.00	0.00	0.00	0.00	_____
Interest on Operating Capital	Dol.	#####	0.065	62.83	0.03	_____
Total Preharvest Variable Costs				\$1,996.03	\$0.91	_____
HARVEST						
Curing Fuel - LP Gas*	Gal.	350.00	2.15	\$752.50	0.34	_____
Electricity	Kwh	950.00	0.13	118.75	0.05	_____
Machinery:						
Fuel - Diesel	Gal.	21.50	3.55	76.33	0.03	_____
Repairs & Maint.	Acre	1.00	193.30	193.30	0.09	_____
Labor - Harvest,						
& Put in Barn	Hr.	24.00	11.25	270.00	0.12	_____
Unload & Bale	Hr.	8.00	11.25	90.00	0.04	_____
Baling Supplies	Bale	3.00	5.00	15.00	0.01	_____
Haul to Buying Station	Bale	3.00	9.00	27.00	0.01	_____
Other _____		0.00	0.00	0.00	0.00	_____
Total Harvest Variable Costs				\$1,542.88	\$0.70	_____
TOTAL ALL VARIABLE COSTS				\$3,538.90	\$1.61	_____

Footnotes Located At Bottom Of Next Page.

FLUE-CURED TOBACCO, MACHINE HARVEST, CONTINUED

FIXED COSTS:

PREHARVEST

Machinery: Depreciation, Taxes, Investment, & Housing	Acre	1.00	\$117.22	\$117.22	\$0.05	_____
Irrigation	Acre	1.00	60.00	60.00	0.03	_____
Owned Land Costs; Taxes, Cash Payment, Etc.	Acre	0.00	0.00	0.00	0.00	_____
Other_____		0.00	0.00	0.00	0.00	_____
Total Preharvest Fixed Costs				\$177.22	\$0.08	_____

HARVEST

Curing Barn	Acre	1.00	\$450.00	\$450.00	\$0.20	_____
Machinery: Depreciation, Taxes, Investment, & Housing	Acre	1.00	209.85	209.85	0.10	_____
Heat ExchReplacement**	Acre	1.00	80.00	80.00	0.04	_____
General Overhead	Dol.	3538.90	0.05	176.95	0.08	_____
Management ***	Dol.	3538.90	0.05	176.95	0.08	_____
Other_____		0.00	0.00	0.00	0.00	_____
Total Harvest Fixed Costs				\$1,093.74	\$0.50	_____

TOTAL ALL FIXED COSTS \$1,270.96 \$0.58

TOTAL COSTS AND PROFIT GOAL

Total Costs Excluding Land \$4,809.86 \$2.19 _____

**** YOUR PROFIT GOAL ABOVE VARIABLE COSTS**** \$ _____ Lb.

A&AE 12/2011

* If Diesel Is Used For Curing, Substitute Fuel Costs For 270 Gallons Of Diesel @ \$3.55 / Gal. Instead Of LP Gas Cost Estimate.

** Annual Cost of a Heat Exchanger is Based On An Initial Investment of \$3,000 and a 10-Year Life, Five Cures Per year.

*** Implies a return to the managerial ability of the farm operator. This return should be costed. If the operator were not working on a farm they could be earning a return in some other occupation.