

FLUE-CURED TOBACCO - MACHINE HARVEST - BULK BARN  
SOUTH GEORGIA AREA, 2007

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
<b>PREHARVEST</b>						
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Plants	Thou.	7.00	\$30.00	\$210.00	\$0.10	_____
Lime	Ton	0.33	28.00	9.24	0.00	_____
<b>Fertilizer</b>						
6-6-18 or Equiv.	Cwt.	10.00	15.00	150.00	0.07	_____
15.5-0-0 or Equiv.	Cwt.	1.30	15.00	19.50	0.01	_____
Nematicide-cont. or fum.	Acre	1.00	100.00	100.00	0.05	_____
<b>Fungicide-Ridomil Gold,</b>						
For Race 1 Blackshank Pt.		3.00	81.25	243.75	0.11	_____
Herbicides	Acre	1.00	28.00	28.00	0.01	_____
<b>Insecticides</b>						
Soil - Admire	Oz.	12.50	4.10	51.25	0.02	_____
Soil - Actigard	Acre	1.00	5.00	5.00	0.002	_____
Foliar-Orth, Trac, Dip	Appl.	7.00	10.30	72.10	0.03	_____
<b>Sucker Control</b>						
Contact - 4 Appl.	Gal.	6.00	10.00	60.00	0.03	_____
MH (2.25 lbs./gal.)	Gal.	1.00	14.00	14.00	0.01	_____
Prime +	Gal.	0.50	50.00	25.00	0.01	_____
Insurance-75% Coverage	Dol.	2200	0.025	55.00	0.03	_____
<b>Machinery</b>						
Fuel - Diesel	Gal.	11.30	2.25	25.43	0.01	_____
Repairs and Maint.	Acre	1.00	30.50	30.50	0.01	_____
Irrigation	Appl.	4.00	12.00	48.00	0.02	_____
Electric Meter Charge	Month	12.00	2.00	24.00	0.01	_____
Labor - Machinery	Hour	17.20	10.00	172.00	0.08	_____
Labor - Topping	Hour.	14.00	10.00	140.00		_____
Other _____		0.00	0.00	0.00	0.00	_____
<b>Interest on</b>						
Operating Capital	Dol.	\$1,482.77	0.07	51.90	0.02	_____
<b>Total Preharvest Variable Costs</b>				<b>\$1,534.66</b>	<b>\$0.70</b>	_____
<b>HARVEST</b>						
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Curing Fuel - LP Gas*	Gal.	350.00	1.65	\$577.50	0.26	_____
Electricity	Kwh	950.00	0.13	118.75	0.05	_____
<b>Machinery:</b>						
Fuel - Diesel	Gal.	21.50	2.25	48.38	0.02	_____
Repairs & Maint.	Acre	1.00	122.55	123.45	0.06	_____
<b>Labor - Harvest,</b>						
Barn & Unload	Hr.	35.00	10.00	350.00	0.16	_____
Baling Supplies	Bale	3.00	4.75	14.25	0.01	_____
Baling	Lb.	2200.00	0.05	110.00	0.05	_____
Haul to Buying Station	Bale	3.00	8.00	24.00	0.01	_____
Other _____		0.00	0.00	0.00	0.00	_____
<b>Total Harvest Variable Costs</b>				<b>\$1,366.33</b>	<b>\$0.62</b>	_____
<b>TOTAL ALL VARIABLE COSTS</b>				<b>\$2,900.99</b>	<b>\$1.32</b>	_____
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Footnotes Located At Bottom Of Next Page.

FLUE-CURED TOBACCO, MACHINE HARVEST, CONTINUED

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 FIXED COSTS:  
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PREHARVEST

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Machinery: Depreciation,						
Taxes, Investment,						
& Housing	Acre	1.00	\$78.12	\$78.12	\$0.04	_____
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				\$138.12	\$0.06	_____

HARVEST

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Curing Barn	Acre	1.00	\$450.00	\$450.00	\$0.20	_____
Machinery: Depreciation,						
Taxes, Investment,						
& Housing	Acre	1.00	196.50	196.50	0.09	_____
Heat ExchReplacement**	Acre	1.00	80.00	80.00	0.04	_____
General Overhead	Dol.	2900.99	0.05	145.05	0.07	_____
Management ***	Dol.	2900.99	0.05	145.05	0.07	_____
Other_____		0.00	0.00	0.00	0.00	_____
Total Harvest Fixed Costs				\$1,016.60	\$0.46	_____

TOTAL ALL FIXED COSTS \$1,154.72 \$0.52

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 TOTAL COSTS AND PROFIT GOAL  
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Total Costs Excluding Land	\$4,055.71	\$1.84	_____
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\*\*\*\* YOUR PROFIT GOAL ABOVE VARIABLE COSTS\*\*\*\* \$ \_\_\_\_\_ Lb.

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 A&AE 11/2006

\* If Diesel Is Used For Curing, Substitute Fuel Costs For 270 Gallons Of Diesel @ \$2.25 / 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.