

**FLUE-CURED TOBACCO - MACHINE HARVEST - BULK BARN  
SOUTH GEORGIA AREA, 2010  
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>						
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	33.00	462.00	0.21	
15.5-0-0 or Equiv.	Cwt.	1.50	34.00	51.00	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	4.50	56.25	0.03	
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	16.00	16.00	0.01	
Prime +	Qt.	2.00	18.75	37.50	0.02	
Insurance-75% Coverage	Dol.	2200	0.035	77.00	0.04	
Machinery						
Fuel - Diesel	Gal.	11.30	2.50	28.25	0.01	
Repairs and Maint.	Acre	1.00	49.16	49.16	0.02	
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	11.00	189.20	0.09	
Labor - Topping	Hour.	14.00	11.00	154.00	0.07	
Other		0.00	0.00	0.00	0.00	
Interest on Operating Capital (%)	Dol.	\$1,903.25	7.25	68.99	0.03	
<b>Total Preharvest Variable Costs</b>				<b>\$1,972.24</b>	<b>\$0.90</b>	
<b>HARVEST</b>						
Curing Fuel - LP Gas*	Gal.	350.00	1.50	525.00	0.24	
Electricity	Kwh	950.00	0.13	118.75	0.05	
Machinery:						
Fuel - Diesel	Gal.	21.50	2.50	53.75	0.02	
Repairs & Maint.	Acre	1.00	141.00	141.00	0.06	
Labor - Harvest, & Put in Barn	Hr.	24.00	11.00	264.00	0.12	
Unload & Bale	Hr.	8.00	11.00	88.00	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	
<b>Total Harvest Variable Costs</b>				<b>\$1,232.50</b>	<b>\$0.56</b>	
<b>TOTAL ALL VARIABLE COSTS</b>				<b>\$3,204.74</b>	<b>\$1.46</b>	

Footnotes Located At Bottom Of Next Page.

**FLUE-CURED TOBACCO, MACHINE HARVEST, CONTINUED**

**FIXED COSTS:**

**PREHARVEST**

<b>Machinery: Depreciation, Taxes, Investment, &amp; Housing</b>	Acre	1.00	\$96.41	\$96.41	\$0.04	_____
<b>Irrigation</b>	Acre	1.00	60.00	60.00	0.03	_____
<b>Owned Land Costs; Taxes, Cash Payment, Etc.</b>	Acre	0.00	0.00	0.00	0.00	_____
<b>Other _____</b>		0.00	0.00	0.00	0.00	_____
<b>Total Preharvest Fixed Costs</b>				\$156.41	\$0.07	_____

**HARVEST**

<b>Curing Barn</b>	Acre	1.00	\$450.00	\$450.00	\$0.20	_____
<b>Machinery: Depreciation, Taxes, Investment, &amp; Housing</b>	Acre	1.00	220.50	220.50	0.10	_____
<b>Heat Exch Replacement**</b>	Acre	1.00	80.00	80.00	0.04	_____
<b>General Overhead</b>	Dol.	3204.74	0.05	160.24	0.07	_____
<b>Management ***</b>	Dol.	3204.74	0.05	160.24	0.07	_____
<b>Other _____</b>		0.00	0.00	0.00	0.00	_____
<b>Total Harvest Fixed Costs</b>				\$1,070.97	\$0.49	_____
<b>TOTAL ALL FIXED COSTS</b>				\$1,227.38	\$0.56	_____

**TOTAL COSTS AND PROFIT GOAL**

<b>Total Costs Excluding Land</b>	\$4,432.13	\$2.01
<b>**** YOUR PROFIT GOAL ABOVE VARIABLE COSTS****</b>	\$ _____	Lb.

**A&AE 12/2009**

\* If Diesel Is Used For Curing, Substitute Fuel Costs For 270 Gallons Of Diesel @ \$2.50 / 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.