

BURLEY TOBACCO BUDGET



2016 ESTIMATED COSTS AND RETURNS

7,000 Plants per Acre

ITEM	DESCRIPTION	UNIT	AMOUNT (Qty/AC)	PRICE (\$/UNIT)	TOTAL (\$/AC)	TOTAL (\$/LB)	YOUR FARM
GROSS REVENUE							
Tobacco Sales	Burley Tobacco	lb	2100	\$2.00	\$4,200.00	\$2.00	_____
VARIABLE COSTS							
Transplants	Purchased	1000	7	\$42.00	\$294.00	\$0.14	_____
Fertilization	Lime	ton	1	\$24.00	\$24.00	\$0.01	_____
	Blended Fertilizer, 9-18-27	lb	900	\$0.33	\$297.00	\$0.14	_____
	Urea, 46-0-0	lb	222	\$0.19	\$42.18	\$0.02	_____
Herbicide	Spartan Charge	oz	13	\$3.75	\$48.75	\$0.02	_____
	Command 3ME	pint	2	\$20.75	\$41.50	\$0.02	_____
Insecticide	Coragen	oz	5	\$6.72	\$33.60	\$0.02	_____
	Admire Pro	oz	7	\$3.07	\$21.49	\$0.01	_____
	Orthene 97G / acephate (1 appl.)	lb	1	\$8.75	\$8.75	\$0.00	_____
Fungicide	Ridomil Gold (1 pint rate)	pint	1	\$98.00	\$98.00	\$0.05	_____
	Quadris	oz	8	\$2.10	\$16.80	\$0.01	_____
Sucker Control	MH-30	gal	1.5	\$14.50	\$21.75	\$0.01	_____
	Prime plus	gal	0.5	\$80.00	\$40.00	\$0.02	_____
Cover Crop	Wheat	bu	2	\$11.50	\$23.00	\$0.01	_____
Hired Labor	Pre-Harvest, transplant to stick drop	hr	17.5	\$10.00	\$175.00	\$0.08	_____
	Harvest, cutting	sticks	1167	\$0.35	\$408.33	\$0.19	_____
	Harvest, loading and hanging	sticks	1167	\$0.20	\$233.33	\$0.11	_____
	Post Harvest, market preparation	hr	60.8	\$10.00	\$608.00	\$0.29	_____
Machinery	Fuel/Oil, Repairs	ac	1	\$100.00	\$100.00	\$0.05	_____
Supplies	Bale Twine or Wire, cardboard	ac	1	\$20.00	\$20.00	\$0.01	_____
Crop Insurance		lb	2100	\$0.10	\$210.00	\$0.10	_____
Interest	Variable Costs, 6 months	\$	\$2,555.49	4.00%	\$40.89	\$0.02	_____
TOTAL VARIABLE COSTS					\$2,806.37	\$1.34	_____
RETURN OVER VARIABLE COSTS					\$1,393.63	\$0.66	_____
FIXED COSTS							
Machinery	Depreciation, Insurance, Storage	ac	1	\$97.00	\$97.00	\$0.05	_____
3-Tier Barn	Depreciation, Insurance	ac	1	\$185.00	\$185.00	\$0.09	_____
Tobacco Sticks	Depreciated over 8 years	ac	1	\$25.00	\$25.00	\$0.01	_____
Interest	Barns, Machinery	ac	1	\$195.00	\$195.00	\$0.09	_____
TOTAL FIXED COSTS					\$502.00	\$0.24	_____
RETURN TO LAND, OPERATOR LABOR AND MANAGEMENT					\$891.63	\$0.42	_____
Land	Value of Land/Rental Cost	ac	1	\$150.00	\$150.00	\$0.07	_____
RETURN TO OPERATOR LABOR AND MANAGEMENT					\$741.63	\$0.35	_____
Operator Labor	Unpaid Operator and/or Family Labor	hrs	65.4	\$10.00	\$654.00	\$0.31	_____
RETURN TO MANAGEMENT					\$87.63	\$0.04	_____

Revised January 2016 - Alan B. Galloway, Area Farm Management Specialist

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DARK AIR CURED TOBACCO BUDGET

UTEXTENSION
INSTITUTE OF AGRICULTURE
THE UNIVERSITY OF TENNESSEE

2015 ESTIMATED CONTRACTED TOBACCO COSTS AND RETURNS

4,600 Plants per Acre

ITEM	DESCRIPTION	UNIT	AMOUNT	PRICE	TOTAL	TOTAL	YOUR
			(#/AC)	(\$/UNIT)	(\$/AC)	(\$/LB)	FARM
GROSS REVENUE							
Tobacco Sales	Dark Air Cured Tobacco	lb	2600	\$2.35	\$6,110.00	\$2.35	_____
VARIABLE COSTS							
Transplants	Purchased	1000	4.6	\$52.00	\$239.20	\$0.09	_____
Fertilization	Dolomite Lime - Spread	ton	1	\$24.00	\$24.00	\$0.01	_____
	Blended Fertilizer, 300-250-300	lb	1500	\$0.26	\$390.00	\$0.15	_____
	Ammonium Nitrate, 34-0-0	lb	300	\$0.20	\$60.00	\$0.02	_____
Herbicide	Spartan Charge	oz	8	\$3.75	\$30.00	\$0.01	_____
	Command 3ME	pint	2	\$20.75	\$41.50	\$0.02	_____
Insecticide	Orthene 97G, 5 Applications	lb	3.75	\$8.75	\$32.81	\$0.01	_____
	Admire Pro	oz	4.4	\$3.07	\$13.51	\$0.01	_____
	Coragen	oz	7.5	\$6.72	\$50.40	\$0.02	_____
Fungicide	Quadris SC	oz	18	\$2.10	\$37.80	\$0.01	_____
Sucker Control	Prime plus	gal	1	\$80.00	\$80.00	\$0.03	_____
	Sucker Plucker	gal	2.5	\$18.50	\$46.25	\$0.02	_____
Cover crop	Wheat	50lb. bag	2	\$11.50	\$23.00	\$0.01	_____
Hired Labor*	Pre-Harvest, transplant to stick drop	hr	23.6	\$10.85	\$256.06	\$0.10	_____
	Harvest, cutting	hr	30	\$10.85	\$325.50	\$0.13	_____
	Harvest, loading and hanging	hr	22	\$10.85	\$238.70	\$0.09	_____
	Post Harvest, market preparation	hr	133	\$10.85	\$1,443.05	\$0.56	_____
Machinery	Fuel/Oil, Repairs	ac	1	\$120.00	\$120.00	\$0.05	_____
Crop Insurance**		ac					_____
Custom Hire	Spraying (4 times)	ac	1	\$125.00	\$125.00	\$0.05	_____
Interest	Variable Costs, 6 months	\$	\$3,576.78	4.00%	\$71.54	\$0.03	_____
TOTAL VARIABLE COSTS					\$3,648.32	\$1.40	_____
RETURN OVER VARIABLE COSTS					\$2,461.68	\$0.95	_____
FIXED COSTS							
Machinery	Depreciation, Insurance, Storage	ac	1	\$100.00	\$100.00	\$0.04	_____
3-Tier Barn	Depreciation, Insurance	ac	1	\$195.00	\$195.00	\$0.08	_____
Tobacco Sticks	Depreciation at 8 years	ac	1	\$25.00	\$25.00	\$0.01	_____
Interest	Barns, Machinery	ac	1	\$195.00	\$195.00	\$0.08	_____
TOTAL FIXED COSTS					\$515.00	\$0.20	_____
RETURN TO LAND, OPERATOR LABOR AND MANAGEMENT					\$1,946.68	\$0.75	_____
Land	Value of Land/Rental Cost	ac	1	\$150.00	\$150.00	\$0.06	_____
RETURN TO OPERATORS LABOR AND MANAGEMENT					\$1,796.68	\$0.69	_____
Operator Labor	Unpaid Operator and/or Family Labor	hrs	87	\$10.85	\$943.95	\$0.36	_____
RETURN TO MANAGEMENT					\$852.73	\$0.33	_____

Revised January 2016 - Alan Galloway, Area Farm Management Specialist, UT Extension

*H2A Labor cost only. Does not include housing and transportation cost.

**Insert crop insurance cost.

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DARK FIRED TOBACCO BUDGET

2016 ESTIMATED CONTRACTED TOBACCO COSTS AND RETURNS

4,600 Plants per Acre

ITEM	DESCRIPTION	UNIT	AMOUNT (#/AC)	PRICE (\$/UNIT)	TOTAL (\$/AC)	TOTAL (\$/LB)	YOUR FARM
GROSS REVENUE							
Tobacco Sales	Dark Fired Tobacco	lb	2800	\$2.65	\$7,420.00	\$2.65	_____
VARIABLE COSTS							
Transplants	Purchased	1000	4.6	\$52.00	\$239.20	\$0.09	_____
Fertilization	Dolomite Lime - Spread	ton	1	\$24.00	\$24.00	\$0.01	_____
	Blended Fertilizer, 300-250-300	lb	1500	\$0.23	\$345.00	\$0.12	_____
	Ammonium Nitrate, 34-0-0	lb	300	\$0.20	\$60.00	\$0.02	_____
Herbicide	Spartan Charge	oz	8	\$3.75	\$30.00	\$0.01	_____
	Command 3ME	pint	2	\$20.75	\$41.50	\$0.01	_____
Insecticide	Orthene 97G, 5 Applications	lb	3.75	\$8.75	\$32.81	\$0.01	_____
	Admire Pro	oz	4.4	\$3.07	\$13.51	\$0.00	_____
	Coragen	oz	7.5	\$6.72	\$50.40	\$0.02	_____
Fungicide	Quadris SC	oz	18	\$2.15	\$38.70	\$0.01	_____
Sucker Control	Prime plus	gal	1	\$80.00	\$80.00	\$0.03	_____
	Sucker Plucker	gal	2.5	\$18.50	\$46.25	\$0.02	_____
Cover crop	Wheat	50lb. bag	2	\$11.50	\$23.00	\$0.01	_____
Hired Labor*	Pre-Harvest, transplant to stick drop	hr	23.6	\$10.85	\$256.06	\$0.09	_____
	Harvest, cutting	hr	30	\$10.85	\$325.50	\$0.12	_____
	Harvest, loading and hanging	hr	22	\$10.85	\$238.70	\$0.09	_____
	Post Harvest, market preparation	hr	133	\$10.85	\$1,443.05	\$0.52	_____
Curing	Sawdust, Slabs	ac	1	\$525.00	\$525.00	\$0.19	_____
Machinery	Fuel/Oil, Repairs	ac	1	\$120.00	\$120.00	\$0.04	_____
Crop Insurance**		ac	1				_____
Custom Hire	Spraying (4 times)	ac	1	\$125.00	\$125.00	\$0.04	_____
Interest	Variable Costs, 6 months	\$	\$3,932.68	4.00%	\$78.65	\$0.03	_____
TOTAL VARIABLE COSTS					\$4,136.33	\$1.48	_____
RETURN OVER VARIABLE COSTS					\$3,283.67	\$1.17	_____
FIXED COSTS							
Machinery	Depreciation, Insurance, Storage	ac	1	\$100.00	\$100.00	\$0.04	_____
3-Tier Barn	Depreciation, Insurance	ac	1	\$350.00	\$350.00	\$0.13	_____
Tobacco Sticks	Depreciation at 8 years	ac	1	\$25.00	\$25.00	\$0.01	_____
Interest	Barns, Machinery	ac	1	\$195.00	\$195.00	\$0.07	_____
TOTAL FIXED COSTS					\$670.00	\$0.24	_____
RETURN TO LAND, OPERATOR LABOR AND MANAGEMENT					\$2,613.67	\$0.93	_____
Land	Value of Land/Rental Cost	ac	1	\$150.00	\$150.00	\$0.05	_____
RETURN TO OPERATORS LABOR AND MANAGEMENT					\$2,463.67	\$0.88	_____
Operator Labor	Unpaid Operator and/or Family Labor	hrs	87	\$10.85	\$943.95	\$0.34	_____
RETURN TO MANAGEMENT					\$1,519.72	\$0.54	_____

Revised January 2016 - Alan Galloway, Area Farm Management Specialist, UT Extension

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**Insert crop insurance cost.

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DARK FIRED WRAPPER TOBACCO BUDGET

2016 ESTIMATED CONTRACTED TOBACCO COSTS AND RETURNS

4,600 Plants per Acre

ITEM	DESCRIPTION	UNIT	AMOUNT (#/AC)	PRICE (\$/UNIT)	TOTAL (\$/AC)	TOTAL (\$/LB)	YOUR FARM
GROSS REVENUE							
Tobacco Sales	Dark Fired Wrapper Tobacco	lb	2400	\$3.20	\$7,680.00	\$3.91	_____
VARIABLE COSTS							
Transplants	Purchased	1000	4.6	\$52.00	\$239.20	\$0.10	_____
Fertilization	Dolomite Lime - Spread	ton	1	\$24.00	\$24.00	\$0.01	_____
	Blended Fertilizer, 300-250-300	lb	1500	\$0.23	\$345.00	\$0.14	_____
	Ammonium Nitrate, 34-0-0	lb	300	\$0.20	\$60.00	\$0.03	_____
Herbicide	Spartan Charge	oz	8	\$3.75	\$30.00	\$0.01	_____
	Devrinol 50DF	lb	3	\$12.40	\$37.20	\$0.02	_____
Insecticide	Orthene 97G, 5 Applications	lb	3.75	\$8.75	\$32.81	\$0.01	_____
	Admire Pro	oz	4.4	\$3.07	\$13.51	\$0.01	_____
	Coragen	oz	7.5	\$6.72	\$50.40	\$0.02	_____
Fungicide	Quadris SC	oz	18	\$2.10	\$37.80	\$0.02	_____
Sucker Control	Prime plus	gal	1	\$80.00	\$80.00	\$0.03	_____
	Sucker Plucker	gal	2.5	\$18.50	\$46.25	\$0.02	_____
Cover crop	Wheat	50lb. Bag	2	\$11.50	\$23.00	\$0.01	_____
Hired Labor*	Pre-Harvest, transplant to stick drop	hr	23.6	\$10.85	\$256.06	\$0.11	_____
	Harvest, cutting	hr	35	\$10.85	\$379.75	\$0.16	_____
	Harvest, loading and hanging	hr	28	\$10.85	\$303.80	\$0.13	_____
	Post Harvest, market preparation	hr	180	\$10.85	\$1,953.00	\$0.81	_____
Curing	Sawdust, Slabs	ac	1	\$525.00	\$525.00	\$0.22	_____
Machinery	Fuel/Oil, Repairs	ac	1	\$120.00	\$120.00	\$0.05	_____
Crop Insurance**		ac	1				_____
Custom Hire	Spraying (4 times)	ac	1	\$125.00	\$125.00	\$0.05	_____
Interest	Variable Costs, 6 months	\$	\$4,681.78	4.00%	\$93.64	\$0.04	_____
TOTAL VARIABLE COSTS					\$4,775.42	\$1.99	_____
RETURN OVER VARIABLE COSTS					\$2,904.58	\$1.92	_____
FIXED COSTS							
Machinery	Depreciation, Insurance, Storage	ac	1	\$100.00	\$100.00	\$0.04	_____
3-Tier Barn	Depreciation, Insurance	ac	1	\$350.00	\$350.00	\$0.15	_____
Tobacco Sticks	Depreciation at 8 years	ac	1	\$25.00	\$25.00	\$0.01	_____
Interest	Barns, Machinery	ac	1	\$195.00	\$195.00	\$0.08	_____
TOTAL FIXED COSTS					\$670.00	\$0.28	_____
RETURN TO LAND, OPERATOR LABOR AND MANAGEMENT					\$2,234.58	\$1.64	_____
Land	Value of Land/Rental Cost	ac	1	\$150.00	\$150.00	\$0.06	_____
RETURN TO OPERATORS LABOR AND MANAGEMENT					\$2,084.58	\$1.58	_____
Operator Labor	Unpaid Operator and/or Family Labor	hrs	117	\$10.85	\$1,269.45	\$0.53	_____
RETURN TO MANAGEMENT					\$815.13	\$1.05	_____

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