

# BURLEY TOBACCO BUDGET



## 2015 ESTIMATED COSTS AND RETURNS

7,000 Plants per Acre

ITEM	DESCRIPTION	UNIT	AMOUNT (Qty/AC)	PRICE (\$/UNIT)	TOTAL (\$/AC)	TOTAL (\$/LB)	YOUR FARM
<b>GROSS REVENUE</b>							
Tobacco Sales	Burley Tobacco	lb	2100	\$2.00	\$4,200.00	\$2.00	_____
<b>VARIABLE COSTS</b>							
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	\$0.34	\$306.00	\$0.15	_____
	Urea, 46-0-0	lb	222	\$0.24	\$53.28	\$0.03	_____
Herbicide	Spartan Charge	oz	13	\$3.75	\$48.75	\$0.02	_____
	Command 3ME	pint	2	\$20.00	\$40.00	\$0.02	_____
Insecticide	Coragen	oz	5	\$6.70	\$33.50	\$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	\$100.00	\$100.00	\$0.05	_____
	Quadris	oz	8	\$2.26	\$18.08	\$0.01	_____
Sucker Control	MH-30	gal	1.5	\$13.50	\$20.25	\$0.01	_____
	Prime plus	gal	0.5	\$82.00	\$41.00	\$0.02	_____
Cover Crop	Wheat	bu	2	\$12.50	\$25.00	\$0.01	_____
Hired Labor	Pre-Harvest, transplant to stick drop	hr	17.5	\$10.00	\$175.00	\$0.08	_____
	Harvest, cutting	sticks	1167	\$0.34	\$396.67	\$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	\$	\$2,567.10	4.00%	\$41.07	\$0.02	_____
<b>TOTAL VARIABLE COSTS</b>					<b>\$2,818.17</b>	<b>\$1.34</b>	_____
<b>RETURN OVER VARIABLE COSTS</b>					<b>\$1,381.83</b>	<b>\$0.66</b>	_____
<b>FIXED COSTS</b>							
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	_____
<b>TOTAL FIXED COSTS</b>					<b>\$502.00</b>	<b>\$0.24</b>	_____
<b>RETURN TO LAND, OPERATOR LABOR AND MANAGEMENT</b>					<b>\$879.83</b>	<b>\$0.42</b>	_____
Land	Value of Land/Rental Cost	ac	1	\$150.00	\$150.00	\$0.07	_____
<b>RETURN TO OPERATOR LABOR AND MANAGEMENT</b>					<b>\$729.83</b>	<b>\$0.35</b>	_____
Operator Labor	Unpaid Operator and/or Family Labor	hrs	65.4	\$10.00	\$654.00	\$0.31	_____
<b>RETURN TO MANAGEMENT</b>					<b>\$75.83</b>	<b>\$0.04</b>	_____

Revised February 2015 - Alan B. Galloway, Area Farm Management Specialist

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# DARK AIR CURED TOBACCO BUDGET

## 2015 ESTIMATED CONTRACTED TOBACCO COSTS AND RETURNS

4,600 Plants per Acre

ITEM	DESCRIPTION	UNIT	AMOUNT (#/AC)	PRICE (\$/UNIT)	TOTAL (\$/AC)	TOTAL (\$/LB)	YOUR FARM
<b>GROSS REVENUE</b>							
Tobacco Sales	Dark Air Cured Tobacco	lb	2600	\$2.35	\$6,110.00	\$2.35	_____
<b>VARIABLE COSTS</b>							
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	\$0.23	\$69.00	\$0.03	_____
Herbicide	Spartan Charge	oz	8	\$3.75	\$30.00	\$0.01	_____
	Command 3ME	pint	2	\$20.00	\$40.00	\$0.02	_____
Insecticide	Orthene 97G, 5 Applications	lb	3.75	\$8.50	\$31.88	\$0.01	_____
	Admire Pro	oz	4.4	\$3.07	\$13.51	\$0.01	_____
	Coragen	oz	7.5	\$6.70	\$50.25	\$0.02	_____
Fungicide	Quadris SC	oz	18	\$2.26	\$40.68	\$0.02	_____
	Sucker Control						
	Prime plus	gal	1	\$82.00	\$82.00	\$0.03	_____
	Sucker Plucker	gal	2.5	\$16.50	\$41.25	\$0.02	_____
Cover crop	Wheat	50lb. bag	2	\$13.00	\$26.00	\$0.01	_____
Hired Labor*	Pre-Harvest, transplant to stick drop	hr	23.6	\$10.28	\$242.61	\$0.09	_____
	Harvest, cutting	hr	30	\$10.28	\$308.40	\$0.12	_____
	Harvest, loading and hanging	hr	22	\$10.28	\$226.16	\$0.09	_____
	Post Harvest, market preparation	hr	133	\$10.28	\$1,367.24	\$0.53	_____
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	\$	\$3,467.17	4.00%	\$69.34	\$0.03	_____
<b>TOTAL VARIABLE COSTS</b>					<b>\$3,536.51</b>	<b>\$1.36</b>	_____
<b>RETURN OVER VARIABLE COSTS</b>					<b>\$2,573.49</b>	<b>\$0.99</b>	_____
<b>FIXED COSTS</b>							
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	_____
<b>TOTAL FIXED COSTS</b>					<b>\$515.00</b>	<b>\$0.20</b>	_____
<b>RETURN TO LAND, OPERATOR LABOR AND MANAGEMENT</b>					<b>\$2,058.49</b>	<b>\$0.79</b>	_____
Land	Value of Land/Rental Cost	ac	1	\$150.00	\$150.00	\$0.06	_____
<b>RETURN TO OPERATORS LABOR AND MANAGEMENT</b>					<b>\$1,908.49</b>	<b>\$0.73</b>	_____
Operator Labor	Unpaid Operator and/or Family Labor	hrs	87	\$10.28	\$894.36	\$0.34	_____
<b>RETURN TO MANAGEMENT</b>					<b>\$1,014.13</b>	<b>\$0.39</b>	_____

Revised March 2015 - 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

**UT EXTENSION**  
INSTITUTE OF AGRICULTURE  
THE UNIVERSITY OF TENNESSEE

## 2015 ESTIMATED CONTRACTED TOBACCO COSTS AND RETURNS

4,600 Plants per Acre

ITEM	DESCRIPTION	UNIT	AMOUNT (#/AC)	PRICE (\$/UNIT)	TOTAL (\$/AC)	TOTAL (\$/LB)	YOUR FARM
<b>GROSS REVENUE</b>							
Tobacco Sales	Dark Fired Tobacco	lb	2800	\$2.65	\$7,420.00	\$2.65	_____
<b>VARIABLE COSTS</b>							
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	\$0.14	_____
	Ammonium Nitrate, 34-0-0	lb	300	\$0.23	\$69.00	\$0.02	_____
Herbicide	Spartan Charge	oz	8	\$3.75	\$30.00	\$0.01	_____
	Command 3ME	pint	2	\$20.00	\$40.00	\$0.01	_____
Insecticide	Orthene 97G, 5 Applications	lb	3.75	\$8.50	\$31.88	\$0.01	_____
	Admire Pro	oz	4.4	\$3.07	\$13.51	\$0.00	_____
	Coragen	oz	7.5	\$6.70	\$50.25	\$0.02	_____
Fungicide	Quadris SC	oz	18	\$2.26	\$40.68	\$0.01	_____
Sucker Control	Prime plus	gal	1	\$82.00	\$82.00	\$0.03	_____
	Sucker Plucker	gal	2.5	\$16.50	\$41.25	\$0.01	_____
Cover crop	Wheat	50lb. bag	2	\$13.00	\$26.00	\$0.01	_____
Hired Labor*	Pre-Harvest, transplant to stick drop	hr	23.6	\$10.28	\$242.61	\$0.09	_____
	Harvest, cutting	hr	30	\$10.28	\$308.40	\$0.11	_____
	Harvest, loading and hanging	hr	22	\$10.28	\$226.16	\$0.08	_____
	Post Harvest, market preparation	hr	133	\$10.28	\$1,367.24	\$0.49	_____
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	\$	\$3,867.17	4.00%	\$77.34	\$0.03	_____
<b>TOTAL VARIABLE COSTS</b>					<b>\$4,069.51</b>	<b>\$1.45</b>	_____
<b>RETURN OVER VARIABLE COSTS</b>					<b>\$3,350.49</b>	<b>\$1.20</b>	_____
<b>FIXED COSTS</b>							
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	_____
<b>TOTAL FIXED COSTS</b>					<b>\$670.00</b>	<b>\$0.24</b>	_____
<b>RETURN TO LAND, OPERATOR LABOR AND MANAGEMENT</b>					<b>\$2,680.49</b>	<b>\$0.96</b>	_____
Land	Value of Land/Rental Cost	ac	1	\$150.00	\$150.00	\$0.05	_____
<b>RETURN TO OPERATORS LABOR AND MANAGEMENT</b>					<b>\$2,530.49</b>	<b>\$0.90</b>	_____
Operator Labor	Unpaid Operator and/or Family Labor	hrs	87	\$10.28	\$894.36	\$0.32	_____
<b>RETURN TO MANAGEMENT</b>					<b>\$1,636.13</b>	<b>\$0.58</b>	_____

Revised March 2015 - 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 WRAPPER TOBACCO BUDGET

## 2015 ESTIMATED CONTRACTED TOBACCO COSTS AND RETURNS

4,600 Plants per Acre

ITEM	DESCRIPTION	UNIT	AMOUNT (#/AC)	PRICE (\$/UNIT)	TOTAL (\$/AC)	TOTAL (\$/LB)	YOUR FARM
<b>GROSS REVENUE</b>							
Tobacco Sales	Dark Fired Wrapper Tobacco	lb	2400	\$3.20	\$7,680.00	\$3.91	_____
<b>VARIABLE COSTS</b>							
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	\$0.26	\$390.00	\$0.16	_____
	Ammonium Nitrate, 34-0-0	lb	300	\$0.23	\$69.00	\$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	\$8.50	\$31.88	\$0.01	_____
	Admire Pro	oz	4.4	\$3.07	\$13.51	\$0.01	_____
	Coragen	oz	7.5	\$6.70	\$50.25	\$0.02	_____
Fungicide	Quadris SC	oz	18	\$2.26	\$40.68	\$0.02	_____
Sucker Control	Prime plus	gal	1	\$82.00	\$82.00	\$0.03	_____
	Sucker Plucker	gal	2.5	\$16.50	\$41.25	\$0.02	_____
Cover crop	Wheat	50lb. Bag	2	\$13.00	\$26.00	\$0.01	_____
Hired Labor*	Pre-Harvest, transplant to stick drop	hr	23.6	\$10.28	\$242.61	\$0.10	_____
	Harvest, cutting	hr	35	\$10.28	\$359.80	\$0.15	_____
	Harvest, loading and hanging	hr	28	\$10.28	\$287.84	\$0.12	_____
	Post Harvest, market preparation	hr	180	\$10.28	\$1,850.40	\$0.77	_____
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	\$	\$4,585.61	4.00%	\$91.71	\$0.04	_____
<b>TOTAL VARIABLE COSTS</b>					<b>\$4,677.32</b>	<b>\$1.95</b>	_____
<b>RETURN OVER VARIABLE COSTS</b>					<b>\$3,002.68</b>	<b>\$1.96</b>	_____
<b>FIXED COSTS</b>							
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	_____
<b>TOTAL FIXED COSTS</b>					<b>\$670.00</b>	<b>\$0.28</b>	_____
<b>RETURN TO LAND, OPERATOR LABOR AND MANAGEMENT</b>					<b>\$2,332.68</b>	<b>\$1.68</b>	_____
Land	Value of Land/Rental Cost	ac	1	\$150.00	\$150.00	\$0.06	_____
<b>RETURN TO OPERATORS LABOR AND MANAGEMENT</b>					<b>\$2,182.68</b>	<b>\$1.62</b>	_____
Operator Labor	Unpaid Operator and/or Family Labor	hrs	117	\$10.28	\$1,202.76	\$0.50	_____
<b>RETURN TO MANAGEMENT</b>					<b>\$979.92</b>	<b>\$1.12</b>	_____

Revised January 2015 - Alan Galloway, Area Farm Management Specialist, UT Extension

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\*\*Insert crop insurance cost.

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