



TOBACCO - BURLEY - PIEDMONT - 2009

ESTIMATED COSTS PER ACRE, 2009

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
1. GROSS RECEIPTS					
Stalk Position		Yield (lbs)	Price/lb		
	Flyings LBS	0.00	\$0.00	\$0.00	_____
	Cutter LBS	0.00	\$0.00	\$0.00	_____
	Leaf LBS	0.00	\$0.00	\$0.00	_____
	Tips LBS	0.00	\$0.00	\$0.00	_____
TOTAL RECEIPTS:				\$0.00	_____
2. VARIABLE COSTS					
PLANTS (GREENHOUSE)	THOU.	5.50	\$40.00	\$220.00	_____
FERTILIZER					
8-16-24	CWT	10.00	\$40.75	\$407.50	_____
30% UAN	LBS	30.00	\$0.74	\$22.20	_____
LIME (PRORATED)	TON	0.33	\$43.00	\$14.19	_____
HERBICIDES	ACRE	1.00	\$55.43	\$55.43	_____
FUNGICIDES	ACRE	1.00	\$201.11	\$201.11	_____
INSECTICIDES	ACRE	1.00	\$33.50	\$33.50	_____
SUCKER CONTROL	ACRE	1.00	\$51.61	\$51.61	_____
LABOR					
PRE HARVEST	HRS	26.00	\$8.85	\$230.10	_____
HARVEST	HRS	51.00	\$8.85	\$451.35	_____
POST HARVEST	HRS	67.00	\$8.85	\$592.95	_____
MACHINERY PRE HARVEST	HRS	3.82	\$8.85	\$33.81	_____
MACHINERY HARVEST	HRS	8.51	\$8.85	\$75.31	_____
HAULING	LBS	2400.00	\$0.04	\$96.00	_____
IRRIGATION	TIMES	3.00	\$26.47	\$79.41	_____
COVER CROP	ACRE	0.00	\$17.00	\$0.00	_____
CROP INSURANCE	ACRE	1.00	\$65.00	\$65.00	_____
STICK REPLACEMENT	ACRE	100.00	\$0.25	\$25.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$179.60	\$179.60	_____
INTEREST ON OP. CAP.	DOL.	\$502.77	9.25%	\$46.51	_____
TOTAL VARIABLE COSTS:				\$2,880.58	_____
3. INCOME ABOVE VARIABLE COSTS:					
4. FIXED COSTS					
TRACTOR/MACHINERY	ACRE	1.00	\$112.99	\$112.99	_____
IRRIGATION	ACRE	1.00	\$79.42	\$79.42	_____
BARN	ACRE	1.00	\$183.00	\$183.00	_____
TOTAL FIXED COSTS:				\$375.41	_____
5. TOTAL COSTS:				\$3,255.99	_____
6. NET RETURNS TO LAND, RISK, AND MANAGEMENT:					

<u>BREAK-EVEN YIELD</u>	<u>BREAK-EVEN PRICE</u>
VARIABLE COSTS	VARIABLE COSTS
TOTAL COSTS	TOTAL COSTS

* CROP INSURANCE: 65% BASED PREMIUM. NO DISASTER SUBSIDIES.
 * PRODUCERS WHO EMPLOY GUEST WORKERS SHOULD ALSO INCLUDE OTHER EXPENSES (HOUSING, TRANSPORTATION, ETC.) ASSOCIATED WITH LABOR.
 * PLEASE NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY.

TOBACCO - BURLEY						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR BURLEY TOBACCO						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
11	DISK HARROW (20')	2.00	0.20	0.18	\$5.28	\$6.20
3	CULTIVATOR 4-ROW	3.00	0.63	0.57	\$12.78	\$8.37
3	TOBACCO BEDDER 4-ROW	1.00	0.18	0.16	\$2.20	\$1.84
4	TOBACCO BED SHAPER 4-ROW	1.00	0.18	0.16	\$2.11	\$1.60
5	TOBACCO TRANSPLANTER 2-ROW	1.00	1.94	1.76	\$44.05	\$25.73
5,6,7,8	HIBOY (30 FT BOOM)	7.00	0.69	0.63	\$22.61	\$21.49
PER ACRE PRE HARVEST TOTAL			3.82			
5,6,7,8	TOBACCO TRAILER	3.00	8.51	7.74	\$90.57	\$47.76
PER ACRE HARVEST TOTAL			8.51			
PER ACRE TOTALS FOR SELECTED OPERATIONS			12.33	11.20	179.60	112.99
UNALLOCATED LABOR(HRS./AC.)			0.00			

CHEMICAL USE ASSUMPTIONS FOR BURLEY TOBACCO						
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH	
HERBICIDES						
	clomazone (Command)	PT	2.00	\$12.31	\$24.63	MAR
	suffentrazone (Spartan)	OZ	10.00	\$3.08	\$30.80	MAR
FUNGICIDES:						
	dimethomorph + mancozeb	LB	0.00	\$1.21	\$0.00	MAR/APRIL
	mefenoxam (Ridomil)	OZ	32.00	\$5.79	\$185.28	MAR
	azoxystrobin (Quadris)	OZ	8.00	\$1.98	\$15.83	MAR
SUCKER CONTROL:						
	flumetraline (Prime+ EC)	GAL	0.50	\$63.91	\$31.96	JUL
	maleic hydrazide (Royal)	GAL	1.50	\$13.10	\$19.65	JUL
INSECTICIDES						
	acephate (Orthene)	LB	1.00	\$10.53	\$10.53	AUG
	imidacloprid (Admire Pro)	OZ	3.60	\$6.38	\$22.97	AUG
TOTAL:					\$341.65	

Prepared by: Gary Bullen, Loren Fisher, Emily Weddington
 North Carolina State University, Dept. Agricultural and Resource Economics