

# CLEMSON COOPERATIVE EXTENSION

Last revised: 1/15/2016

## SWEET CORN - FOR LOCAL OR ROADSIDE MARKET - IRRIGATED

ESTIMATED COSTS AND RETURNS PER ACRE  
1000 DOZEN - HARVEST IN JUNE & JULY

	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	YOUR FARM
<b>1. GROSS RECEIPTS</b>					
SWEET CORN	DOZEN	1000.00	\$2.40	\$2,400.00	_____
TOTAL RECEIPTS:				<b>\$2,400.00</b>	<b>\$0.00</b>
<b>2. VARIABLE COSTS</b>					
SEED	LBS	9.00	\$10.50	\$94.50	_____
FERTILIZER					
3-9-24 (SPREAD)	CWT	6.00	\$23.00	\$138.00	_____
30% N (LIQ) - SIDE DRESSING	CWT	4.00	\$38.75	\$155.00	_____
LIME (PRORATED)	TON	0.50	\$45.00	\$22.50	_____
HERBICIDES	ACRE	1.00	\$1.13	\$1.13	_____
INSECTICIDES	ACRE	1.00	\$39.52	\$39.52	_____
STICKER	PT	12.00	\$2.50	\$30.00	_____
IRRIGATION, MACHINERY & LABOR	ACRE	1.00	\$84.56	\$84.56	_____
HARVEST & HAULING	DOZEN	1000.00	\$1.75	\$1,750.00	_____
CONTAINER	ACRE	1.00	\$40.00	\$40.00	_____
TRACTOR/MACHINERY	ACRE	1.00	\$56.84	\$56.84	_____
LABOR	HRS	12.40	\$9.50	\$117.80	_____
INTEREST ON OP. CAP.	DOL.	\$1,264.93	5.0%	\$63.25	_____
TOTAL VARIABLE COSTS:				<b>\$2,593.10</b>	<b>\$0.00</b>
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				<b>-\$193.10</b>	<b>\$0.00</b>
<b>4. FIXED COSTS</b>					
TRACTOR/MACHINERY	ACRE	1.00	\$70.25	\$70.25	_____
IRRIGATION	ACRE	1.00	\$74.65	\$74.65	_____
TOTAL FIXED COSTS:				<b>\$144.90</b>	<b>\$0.00</b>
<b>5. OTHER COSTS</b>					
LAND RENT	ACRE	1.00	\$50.00	\$50.00	_____
GENERAL OVERHEAD	DOL.	\$2,593.10	7.0%	\$181.52	_____
TOTAL OTHER COSTS:				<b>\$231.52</b>	<b>\$0.00</b>
<b>6. TOTAL COSTS:</b>				<b>\$2,969.52</b>	<b>\$0.00</b>
<b>7. NET RETURNS TO RISK AND MANAGEMENT:</b>				<b>-\$569.52</b>	<b>\$0.00</b>

<b>BREAK-EVEN YIELD</b>		<b>BREAK-EVEN PRICE PER DOZEN</b>	
VARIABLE COSTS	1297 DOZEN	VARIABLE COSTS	\$2.59
TOTAL COSTS	2080 DOZEN	TOTAL COSTS	\$2.97

\* PLEASE NOTE: THIS BUDGET IS FOR PLANNING PURPOSES ONLY.

\*\* BASED ON IMPROVED PRODUCTION PRACTICES FOR COMMERCIAL PRODUCERS.

SWEET CORN - FOR LOCAL OR ROADSIDE MARKET - IRRIGATED						
PER ACRE MACHINERY AND LABOR REQUIREMENTS FOR SWEET CORN - LOCAL MARKET						
MONTH	OPERATION	TIMES OVER	LABOR HOURS	MACHINE HOURS	VARIABLE COSTS	FIXED COSTS
2	HEAVY DISK 14'	1.00	0.17	0.15	\$3.17	\$3.78
3	DISK W/ SPRAYER 16'	1.00	0.17	0.15	\$2.40	\$3.38
3	SUBSOILER-BEDDER 4-ROW	2.00	0.42	0.38	\$7.28	\$5.72
4	PLANTER W/ SPRAYER 4-ROW	1.00	0.24	0.22	\$3.79	\$5.00
4,5&6	CULTIVATOR 4-ROW	2.00	0.51	0.46	\$4.72	\$4.54
6&7	HIBOY	4.00	0.26	0.24	\$7.60	\$13.20
4	TRACTOR MTD SPRAYER & FERT.	1.00	0.18	0.16	\$1.45	\$1.81
4,6&7	TRUCK 1.5 TON	5.00	1.27	1.15	\$8.35	\$11.15
4,5,6&7	NURSE TANK ON PICK-UP	7.00	1.31	1.19	\$8.68	\$10.57
6&7	FARM WAGON	4.00	0.66	0.60	\$7.24	\$8.56
8	ROTARY MOWER 7'	1.00	0.32	0.29	\$2.16	\$2.54
PER ACRE TOTALS FOR SELECTED OPERATIONS			5.51	4.99	\$56.84	\$70.25
UNALLOCATED LABOR(HRS./AC.)			6.89			
Note: Six inches of water is applied using a 30 acre reel travel gun irrigation system. Three applications per month are put down in May and June. It is assumed that the irrigation system is used on two crops each year. This results in reducing the fixed cost by 1/2.						

INCOME ABOVE VARIABLE COSTS AT DIFFERING YIELDS AND PRICES					
YIELD	PRICE PER DOZEN				
DOZEN	\$1.92	\$2.16	\$2.40	\$2.64	\$2.88
800	-\$707.10	-\$515.10	-\$323.10	-\$131.10	\$60.90
900	-\$690.10	-\$474.10	-\$258.10	-\$42.10	\$173.90
1000	-\$673.10	-\$433.10	-\$193.10	\$46.90	\$286.90
1100	-\$656.10	-\$392.10	-\$128.10	\$135.90	\$399.90
1200	-\$639.10	-\$351.10	-\$63.10	\$224.90	\$512.90

CHEMICAL USE ASSUMPTIONS FOR SWEET CORN - LOCAL MARKET					
	UNIT	QUANTITY	PRICE OR COST/UNIT	TOTAL PER ACRE	MONTH
HERBICIDES					
metolachlor (Dual II)	OZ	1.66	\$0.68	\$1.13	1X MAR
INSECTICIDES					
chlorpyrifos (Lorsban)	LB	6.75	\$2.53	\$17.08	1X APRIL
bifenthrin	OZ	14.00	\$0.54	\$7.60	2X JUN, 2X JUL
flubendiamide (Belt)	OZ	2.00	\$7.42	\$14.84	1X JUN
TOTAL:				\$40.65	

The above listed chemicals are examples and do not imply exclusive recommendations by Clemson University. The "Vegetable Crop Guidelines for the Southeastern US" must be consulted. Production assumptions provided by Tony Melton, (843) 661-4800, amelton@clemson.edu.

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