

2013 Sweet Corn Fall Budget

Prepared by

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Acknowledgements:

This work was funded by Georgia Commodity Commission for Vegetable (GCCV) grant for which the authors are indebted. The authors are also indebted to the growers and vendors who provided valuable information for this work.

Corn Fresh Market - Fall
(Total Cost Budget)
 Number of acre 1

	BEST	OPT	MEDIAN	PESS	WORST
Yield (wirebound c	425	350	300	250	150
Price (+cooling)	19.00	17.00	15.00	13.00	11.00

Item	Unit	Quantity	Price	Amt/acre	Total
VARIABLE COSTS					
<u>PreHarvest Costs</u>					
Seed	Th	25.00	6.00	150.00	150
Lime, applied	Ton	0.50	32.00	16.00	16
Nitrogen	LB	300.00	0.40	120.00	120
Phosphorus	Lb.	70.00	0.75	52.50	53
Potash	Lb.	250.00	0.80	200.00	200
Fungicide	Acre	3.00	7.00	21.00	22
Insecticide soil	lb	8.00	1.90	15.20	15
Insecticide applied with irrigation	Acre	4.00	18.90	75.60	76
Insecticide	Appl.	35.00	12.00	420.00	420
Aerial Application	Appl.	35.00	6.00	210.00	210
Herbicide	Acre	1.00	10.00	10.00	10
Scouting & Inspection fees	Acre	1.00	19.50	19.50	20
Fuel, Oil & Machinery	Acre	1.00	30.00	30.00	30
Labor, Preharvest	Acre	1.00	35.00	35.00	35
Repair and Maintenance	Acre	1.00	10.00	10.00	10
Crop Insurance	Acre	1.00	14.00	14.00	14
Irrigation	Acre	12.00	8.00	96.00	96
Interest on Oper. Cap.	\$	1494.80	0.06	44.84	45
Total PreHarvest				1539.64	1,540
<u>Harvest and Marketing Costs</u>					
Labor, Harvest, equipment & Pack	Crt.	300	1.70	510.00	510
Pre-cooling	Crt.	300	1.10	330.00	330
Container	Crt.	300	1.75	525.00	525
Marketing (10%)	Crt.	300	0.10	30.00	30
Total Harvest and Marketing			4.65	1395.00	1,395
Total Variable Costs				2934.64	2,935



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FIXED COST: Press Button for Calculations

Machinery	Acre	1.00	51.06	51.06	51
Irrigation	Acre	1.00	100.00	100.00	100
Overhead and Management	\$	1539.64	0.15	230.95	231
Total Fixed Costs				382.01	382
Total budgeted cost per acre				3316.66	3,317

Costs Per Crate

Preharvest variable cost per crate	5.15
Harvest & marketing cost per crate	4.67
Fixed Costs Per Crate	1.28
Total budgeted cost per crate	11.09

EXPECTED RETURNS FROM TOTAL ACREAGE

ACRES	EXPECTED YIELD/AC	VOLUME MARKETED	EXPECTED PRICE	TOTAL RETURNS
1	299	299	15.00	4,485

RISK RATED RETURNS OVER TOTAL COSTS

Net return levels (TOP ROW);
 The chances of obtaining this level or more (MIDDLE ROW); and
 The chances of obtaining this level or less (BOTTOM ROW).

	<u>Optimistic</u>	<u>Expected</u>	<u>Pessimistic</u>	
Returns(\$)	2,432	2,009	1,586	1,164
Chances	7%	16%	31%	50%
Chances			50%	31%
				16%
				7%

CHANCES FOR PROFIT

91%

BASE BUDGETED NET REVENUE

1,183

Investment and Annual Fixed Costs - Fall

Number of acres of this crop 40
 Interest rate 0.07

Equipment Costs for this crop

Item	% of time for This crop	Cost	Salvage Value	Yrs. of Life	Depr.	Int.	Tax&Ins
Tractors (100 HP)	10%	80000	16000	15	427	336	67
Strip Till (6 row)	10%	22000	4400	10	176	92	18
Disk (24')	10%	13000	2600	10	104	55	11
Misc	0%	0	0	10	0	0	0
Planter (6 rows)	10%	31000	6200	10	248	130	26
Cultivator (6 row)	20%	6000	1200	10	96	50	10
Sprayer (54')	20%	7500	1500	10	120	63	13
	0%	0	0	10	0	0	0
	0%	0	0	0	0	0	0
Irrigation	0%	100000	20000	15	0	0	0
Total		17300	3460		1171	727	145

Interest on Investment (Ave. Inv. X Int. Rate)	726.60
Taxes and Insurance (Ave. Inv. X .014)	145.32
Total Annual Fixed Costs	2042.59
Total Annual Fixed Costs Per Acre	51.06