

2011 Georgia Banana (Veinte Cohol) Budget

Prepared by:

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Table 1: Yield, Price and Pre-Variable Costs of Producing Veinte Cohol Bananas in Georgia, 2011

Items	Best	Optimistic	Median	Pessimistic	Worst	Yours
Yield (lbs.)	11,000	10,000	9,000	8,000	7,000	
Price per lb.	1.50	1.25	1.00	0.75	0.50	
Variable Costs Items	Application	Unit	Quantity	Price	\$Amount /Acre	Your Cost
Fertilizers						
Fertilizer (N – Urea)	5/yr.	lbs.	2800.00	0.24	672.00	
Potash (K20)	5/yr.	lbs.	5500.00	0.30	1650.00	
Lime	1/yr.	Ton	1.50	27.00	40.50	
Fertilizer (10-10-10)	5/yr.	Lbs.	800.00	0.24	192.00	
Labor	6/yr.	Hrs.	12.00	8.00	96.00	
TC Plants	1/yr.	Thou	1000.00	1.50	1500.00	
Labor	6/yr.	Hrs.	6.00	8.00	48.00	
Tractor (land preparation)	1/yr.	Acre	3.00	12.00	36.00	
Labor	1/yr.	Hrs.	3.00	9.00	27.00	
Weed Control	3/yr.	Acre	1.00	37.20	37.20	
Deleafing	3/yr.	Acre	3.00	8.00	24.00	
Sucker pruning	3/yr.	Acre	3.00	8.00	24.00	
Bagging operation	1/yr.	Plants	1000.00	0.15	150.00	
Equipment (tractor, mower & maintenance)	4/yr.	Hrs.	4.00	10.00	40.00	
Irrigation		Acre	1.00	75.69	75.69	
Interest on Operation Costs		\$	4612.39	0.07	322.87	
Total Pre-Harvest Variable Costs					4935.26	



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Fonsah, Massonnat and Chammon, 2011.

Table 2: Harvesting, Marketing and Total Variable Costs of Veinte Cohol Banana Produced in Georgia, 2011.

Items	Unit	Quantity	Price	\$Amt./ Acre	Your Cost
Harvesting	Bunches	950.00	0.20	190.00	
Selection and Packing	Boxes	855.00	1.00	855.00	
Cooling, Handling & Brokerage	Boxes	855.00	0.15	128.25	
Total Harvesting & Marketing Costs				1173.25	
Total Variable Costs				6108.51	

Table 3: Fixed Costs of Producing Veinte Cohol Banana in Georgia, 2011.

Items	Unit	Quantity	Price	\$Amt. /Acre	Your Cost
Tractor & Equipment	Acre	1.00	136.60	136.60	
Overhead and Management	\$	4935.26	0.15	740.29	
Irrigation	Acre	1.00	341.35	341.35	
Total Fixed Costs (\$)				1,218.24	
Total budgeted cost per acre (\$)				7,326.74	

Table 4: Break-Even (BE) Cost of Producing Veinte Cohol Banana in Georgia, 2011.

Items	Amount	Your Cost
BE Pre-harvest variable cost per lb. (\$)	0.55	
BE Harvest & marketing cost per lb. (\$)	0.13	
BE Fixed costs per lb. (\$)	0.14	
BE Total budgeted cost per lb. (\$)	0.81	

Fonsah, Massonnat and Chammon, 2011.

Table 5: Risk Rated Returns Over Total Costs of Producing Veinte Cohol Bananas in Georgia, 2011.

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).							
	Best	Optimistic	Expect	Pessimistic	Worse		
Returns (\$)	6,510	5,304	4,098	1,673	1,685	479	-727
Chances (%)	7%	16%	31%	69%			
Chances (%)				31%	31%	16%	7%
Chances for Profit = 88%				Base Budgeted Net Return		\$1,673	
Additional Source of Revenue							
Sales of suckers (\$10 x 1000 plants)						\$10,000	
Sales of male flowers (\$1 x 1000 plants)						\$1,000	
Sales of leafs (\$1 x 100 bundles)						\$ 100	
Net Returns Including Additional Sources of Income Per Acre (\$)						\$12,773	