

**CORN, NON-IRRIGATED
SOUTH GEORGIA, 2009**

ESTIMATED COSTS AND RETURNS

Expected Yield **85 Bushels** YIELD: YOUR FARM _____

Variable Costs:	Unit	Number of Units	\$/Unit	Cost/Acre	\$/Bushels	Your Farm
Seed	Thous.	20.00	\$ 2.50	\$ 50.00	\$ 0.59	_____
Lime	Tons	0.25	\$ 43.00	\$ 10.75	\$ 0.13	_____
Fertilizer						
Nitrogen	Lbs	100.00	\$ 0.82	\$ 82.00	\$ 0.96	_____
Phosphate (P2O5)	Lbs	40.00	\$ 0.74	\$ 29.60	\$ 0.35	_____
Potash (K2O)	Lbs	60.00	\$ 0.80	\$ 48.00	\$ 0.56	_____
Weed Control	Acre	1.00	\$ 31.61	\$ 31.61	\$ 0.37	_____
Insect Control	Acre	1.00	\$ -	\$ -	\$ -	_____
<i>Machinery: Preharvest</i>						
Fuel	Gallon	3.84	\$ 2.85	\$ 10.95	\$ 0.13	_____
Repairs & Maintenance	Acre	1.00	\$ 7.81	\$ 7.81	\$ 0.09	_____
<i>Machinery: Harvest</i>						
Fuel	Gallon	2.65	\$ 2.85	\$ 7.55	\$ 0.09	_____
Repairs & Maintenance	Acre	1.00	\$ 3.66	\$ 3.66	\$ 0.04	_____
Labor	Hrs	0.89	\$ 11.00	\$ 9.76	\$ 0.11	_____
Crop Insurance	Acre	1.00	\$ 13.50	\$ 13.50	\$ 0.16	_____
Land Rental	Acre	1.00	\$ -	\$ -	\$ -	_____
Interest on Operating capital	Percent	\$ 152.60	7.50%	\$ 11.44	\$ 0.13	_____
Drying - 8 points	Bushel	93.28	\$ 0.28	\$ 26.12	\$ 0.31	_____
Total Variable Costs				\$ 342.76	\$ 4.03	

Fixed Costs:						
<i>Machinery: Depreciation, Taxes, Insurance, and Housing</i>						
Preharvest	Acre	1.00	\$ 21.80	\$ 21.80	\$ 0.26	_____
Harvest	Acre	1.00	\$ 23.75	\$ 23.75	\$ 0.28	_____
General Overhead	% of VC	\$ 342.76	5.00%	\$ 17.14	\$ 0.20	_____
Management	% of VC	\$ 342.76	5.00%	\$ 17.14	\$ 0.20	_____
Owned Land Costs; Taxes, Cash Payment, Etc.	Acre	1.00	\$ -	\$ -	\$ -	_____
Other _____						_____
Total Fixed Costs				\$ 79.82	\$ 0.94	

TOTAL COSTS AND PROFIT GOAL						
Total Costs Excluding Land				\$ 422.58	\$ 4.97	
**** YOUR PROFIT GOAL ****				\$ _____/Bu.		
\$\$-PRICE NEEDED FOR PROFIT-\$\$				\$ _____/Bu.		

Sensitivity Analysis of CORN, NON-IRRIGATED

NET RETURNS ABOVE VARIABLE COSTS PER ACRE					
Varying Prices and Yield (Bushels)					
Bu/Acre	-25%	-10%	Average	+10%	+25%
	63.75	76.5	85	93.5	106.25
\$3.00	\$ (151.51)	\$ (113.26)	\$ (87.76)	\$ (62.26)	\$ (24.01)
\$3.25	\$ (135.57)	\$ (94.13)	\$ (66.51)	\$ (38.88)	\$ 2.55
\$3.50	\$ (119.63)	\$ (75.01)	\$ (45.26)	\$ (15.51)	\$ 29.12
\$3.75	\$ (103.70)	\$ (55.88)	\$ (24.01)	\$ 7.87	\$ 55.68
\$4.00	\$ (87.76)	\$ (36.76)	\$ (2.76)	\$ 31.24	\$ 82.24

ESTIMATED LABOR AND MACHINERY COSTS PER ACRE

PREHARVEST OPERATIONS						
Operation	Acres/Hour	Number Times Over	Labor Use (Hr.)	Fuel Use (Gal./Ac)	Machinery Repairs (\$/Ac)	Fixed Costs (\$/Ac)
Heavy Disk27' with Tractor (180-199 hp)-MFWD 190	13.214	2.00	0.15	1.48	3.03	8.81
Disk Harrow32' with Tractor (180-199 hp)-MFWD 190	16.291	1.00	0.06	0.60	1.30	3.78
Disk Bed (Hipper)6R-36 with Tractor (180-199 hp)-MFWD 190	19.200	1.00	0.05	0.51	0.87	2.77
Plant - Rigid6R-36 with Tractor (120-139 hp)-2WD 130	9.573	1.00	0.10	0.70	1.43	3.98
Fert Appl (Liquid)6R-36 with Tractor (120-139 hp)-2WD 130	18.327	1.00	0.05	0.37	0.93	1.84
Spray (Broadcast)60' with Tractor (120-139 hp)-2WD 130	35.455	1.00	0.03	0.19	0.25	0.61
Total Preharvest Fuel, Repairs, Fixed Costs, & Labor			0.452	3.84	\$ 7.81	\$ 21.80

HARVEST OPERATIONS						
Operation	Acres/Hour	Number Times Over	Labor Use (Hr.)	Fuel Use (Gal./Ac)	Machinery Repairs (\$/Ac)	Fixed Costs (\$/Ac)
Header - Corn6R 36" with Combine (200-249 hp)240hp	6.109	1.000	0.164	2.02	\$ 3.06	\$ 21.20
Corn Grain Cart 8R36500 bu with Tractor (120-139 hp)-2WD 130	10.642	1.000	0.094	0.63	\$ 0.60	\$ 2.55
Total Harvest Fuel, Repairs, Fixed Costs, and Labor			0.258	2.65	\$ 3.66	\$ 23.75

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