

**CORN, NON-IRRIGATED
SOUTH GEORGIA, 2006**

ESTIMATED COSTS AND RETURNS

Expected Yield

85 Bushels

YIELD: YOUR FARM _____

VARIABLE COSTS	Unit	Number of		\$/Unit	Cost/Acre	\$/Bushels	Your Farm
		Units					
Seed	Thous.	20.00	\$	1.50	\$ 30.00	\$ 0.35	_____
Lime	Tons	0.25	\$	30.00	\$ 7.50	\$ 0.09	_____
Fertilizer							
Nitrogen	Lbs	100.00	\$	0.48	\$ 48.00	\$ 0.56	_____
Phospate (P2O5)	Lbs	40.00	\$	0.32	\$ 12.80	\$ 0.15	_____
Potash (K2O)	Lbs	60.00	\$	0.24	\$ 14.40	\$ 0.17	_____
Weed Control	Acre	1.00	\$	6.50	\$ 6.50	\$ 0.08	_____
Insect Control	Acre	1.00	\$	-	\$ -	\$ -	_____
<i>Machinery: Preharvest</i>							
Fuel	Gallon	4.07	\$	2.25	\$ 9.16	\$ 0.11	_____
Repairs & Maintenance	Acre	1.00	\$	5.44	\$ 5.44	\$ 0.06	_____
<i>Machinery: Harvest</i>							
Fuel	Gallon	2.94	\$	2.25	\$ 6.63	\$ 0.08	_____
Repairs & Maintenance	Acre	1.00	\$	7.00	\$ 7.00	\$ 0.08	_____
Labor	Hrs	0.94	\$	9.80	\$ 9.25	\$ 0.11	_____
Land Rental	Acre	1.00			\$ -	\$ -	_____
Interest on Operating capital	Percent	\$ 78.33		7.50%	\$ 5.88	\$ 0.07	_____
Drying - 8 points	Bushel	94.35	\$	0.27	\$ 25.13	\$ 0.30	_____
Total Variable Costs					\$ 187.68	\$ 2.21	

Fixed Costs:

Machinery: Depreciation, Taxes, Insurance, and Housing

Preharvest	Acre	1.00	\$	14.46	\$ 14.46	\$ 0.17	_____
Harvest	Acre	1.00	\$	46.19	\$ 46.19	\$ 0.54	_____
General Overhead	% of VC	187.68		5.00%	\$ 9.38	\$ 0.11	_____
Management	% of VC	187.68		5.00%	\$ 9.38	\$ 0.11	_____
Owned Land Costs; Taxes, Cash Payment, Etc.	Acre	1.00	\$	-	\$ -	\$ -	_____
Other _____							
Total Fixed Costs					\$ 79.41	\$ 0.93	

TOTAL COSTS AND PROFIT GOAL

Total Costs Excluding Land	\$ 267.09	\$ 3.14
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**** 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)						
		-25%	-10%	Average	+10%	+25%
		63.75	76.5	85	93.5	106.25
\$	2.00	\$ (60.18)	\$ (34.68)	\$ (17.68)	\$ (0.68)	\$ 24.82
\$	2.25	\$ (44.24)	\$ (15.55)	\$ 3.57	\$ 22.70	\$ 51.38
\$	2.50	\$ (28.30)	\$ 3.57	\$ 24.82	\$ 46.07	\$ 77.95
\$	2.75	\$ (12.37)	\$ 22.70	\$ 46.07	\$ 69.45	\$ 104.51
\$	3.00	\$ 3.57	\$ 41.82	\$ 67.32	\$ 92.82	\$ 131.07

ESTIMATED LABOR AND MACHINERY COSTS PER ACRE

Operation	Acres/Hour	Number Times Over	Labor Use (Hr.)	Fuel Use (Gal./Ac)	Machinery Repairs (\$/Ac)	Fixed Costs (\$/Ac)
PREHARVEST OPERATIONS						
Heavy Disk27' with Tractor (180-199 hp)-MFWD 190	13.214	1.00	0.08	0.74	1.13	3.12
Disk Harrow32' with Tractor (180-199 hp)-MFWD 190	16.291	1.00	0.06	0.60	0.91	2.51
Disk Bed (Hipper)6R-36 with Tractor (180-199 hp)-MFWD 190	9.600	1.00	0.10	1.02	1.02	3.01
Plant - Rigid6R-36 with Tractor (120-139 hp)-2WD 130	9.573	1.00	0.10	0.70	1.13	3.02
Fert Appl (Liquid)6R-36 with Tractor (120-139 hp)-2WD 130	9.164	1.00	0.11	0.73	0.95	2.08
Spray (Broadcast)40' with Tractor (120-139 hp)-2WD 130	23.636	1.00	0.04	0.28	0.30	0.71
Total Preharvest Fuel, Repairs, Fixed Costs, & Labor			0.497 \$	4.07 \$	5.44 \$	14.46

HARVEST OPERATIONS						
Header - Corn6R 36" with Combine (250-299 hp)	6.109	1.000	0.164	2.32 \$	6.49 \$	44.18
Corn Grain Cart 8R36500 bu with Tractor (120-139 hp)-2WD 130	10.642	1.000	0.094	0.63 \$	0.51 \$	2.01
				\$ -		
				\$ -		
				\$ -		
				\$ -		
Total Harvest Fuel, Repairs, Fixed Costs, and Labor			0.258 \$	2.94 \$	7.00 \$	46.19

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