

**WHEAT FOR GRAIN, CONVENTIONAL
GEORGIA, 2010**

ESTIMATED COSTS AND RETURNS

Expected Yield **55 Bushels** YIELD: YOUR FARM _____

Variable Costs:*	Unit	Number of Units	\$/Unit	Cost/Acre	\$/Bushels	Your Farm
Seed	Bushel	1.50	\$ 13.50	\$ 20.25	\$ 0.37	_____
Lime	Tons	0.25	\$ 33.00	\$ 8.25	\$ 0.15	_____
<i>Fertilizer</i>						
Nitrogen	Lbs	80.00	\$ 0.50	\$ 40.00	\$ 0.73	_____
Phosphate (P2O5)	Lbs	40.00	\$ 0.28	\$ 11.20	\$ 0.20	_____
Potash (K2O)	Lbs	40.00	\$ 0.70	\$ 28.00	\$ 0.51	_____
Weed Control	Acre	1.00	\$ 7.05	\$ 15.00	\$ 0.27	_____
Insect Control	Acre	1.00	\$ -	\$ -	\$ -	_____
Disease Control	Acre	1.00	\$ -	\$ -	\$ -	_____
<i>Machinery: Preharvest</i>						
Fuel	Gallon	2.77	\$ 2.50	\$ 6.93	\$ 0.13	_____
Repairs & Maintenance	Acre	1.00	\$ 4.95	\$ 4.95	\$ 0.09	_____
<i>Machinery: Harvest</i>						
Fuel	Gallon	2.20	\$ 2.50	\$ 5.50	\$ 0.10	_____
Repairs & Maintenance	Acre	1.00	\$ 3.03	\$ 3.03	\$ 0.06	_____
Labor	Hrs	0.62	\$ 11.00	\$ 6.84	\$ 0.12	_____
Crop Insurance	Acre	1.00	\$ 7.25	\$ 7.25	\$ 0.13	_____
Land Rental	Acre	1.00	\$ -	\$ -	\$ -	_____
Interest on Operating capital	Percent	\$ 78.60	7.50%	\$ 5.89	\$ 0.11	_____
Drying - 2 points	Bushel	56.65	\$ 0.08	\$ 4.53	\$ 0.08	_____
Total Variable Costs				\$ 167.62	\$ 3.05	
Fixed Costs:						
<i>Machinery: Depreciation, Taxes, Insurance, and Housing</i>						
Preharvest	Acre	1.00	\$ 13.99	\$ 13.99	\$ 0.25	_____
Harvest	Acre	1.00	\$ 17.96	\$ 17.96	\$ 0.33	_____
General Overhead	% of VC	\$ 167.62	5.00%	\$ 8.38	\$ 0.15	_____
Management	% of VC	\$ 167.62	5.00%	\$ 8.38	\$ 0.15	_____
Owned Land Costs; Taxes, Cash Payment, Etc.	Acre	1.00	\$ -	\$ -	\$ -	_____
Other _____						_____
Total Fixed Costs				\$ 48.71	\$ 0.89	
TOTAL COSTS AND PROFIT GOAL						
Total Costs Excluding Land				\$ 216.34	\$ 3.93	
**** YOUR PROFIT GOAL ****				\$ _____	/Bu.	
\$\$-PRICE NEEDED FOR PROFIT-\$\$				\$ _____	/Bu.	

FOOTNOTES

*Seed, fertilizer, chemical and fuel costs could vary as much as +/- 15 to 20% from estimates shown. The estimates are based on "normal" or typical growing conditions and pest pressure. Abnormal weather, weed/grass problems, insects, and diseases would alter the estimates shown above.

Sensitivity Analysis of WHEAT FOR GRAIN, CONVENTIONAL

NET RETURNS ABOVE VARIABLE COSTS PER ACRE						
Varying Prices and Yield (Bushels)						
		-25%	-10%	Average	+10%	+25%
		41.25	49.5	55	60.5	68.75
\$	3.50	\$ (23.25)	\$ 5.63	\$ 24.88	\$ 44.13	\$ 73.00
\$	3.75	\$ (12.93)	\$ 18.00	\$ 38.63	\$ 59.25	\$ 90.19
\$	4.00	\$ (2.62)	\$ 30.38	\$ 52.38	\$ 74.38	\$ 107.38
\$	4.25	\$ 7.69	\$ 42.75	\$ 66.13	\$ 89.50	\$ 124.57
\$	4.50	\$ 18.00	\$ 55.13	\$ 79.88	\$ 104.63	\$ 141.75

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)	
Disk Harrow 32' with Tractor (180-199 hp)-MFWD 190	16.291	1.00	0.06	0.60	1.30	3.78	
Chisel Plow (Rigid) 24' with Tractor (180-199 hp)-MFWD 190	12.982	1.00	0.08	0.75	1.04	2.93	
Grain Drill 15' with Tractor (180-199 hp)-MFWD 190	7.955	1.00	0.13	1.23	2.36	6.67	
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				0.292 \$	2.77 \$	4.95 \$	13.99

HARVEST OPERATIONS							
Operation	Acres/Hour	Number Times Over	Labor Use (Hr.)	Fuel Use (Gal./Ac)	Machinery Repairs (\$/Ac)	Fixed Costs (\$/Ac)	
Header Wheat/Sorghum 22' Rigid with Combine (250-299 hp) 275hp	9.015	1.000	0.111	1.57	2.43	15.41	
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				0.205 \$	2.20 \$	3.03 \$	17.96

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