

**WHEAT FOR GRAIN, CONVENTIONAL
SOUTH GEORGIA, 2009**

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	\$ 14.00	\$ 21.00	\$ 0.38	_____
Lime	Tons	0.25	\$ 43.00	\$ 10.75	\$ 0.20	_____
<i>Fertilizer</i>						
Nitrogen	Lbs	80.00	\$ 0.82	\$ 65.60	\$ 1.19	_____
Phosphate (P2O5)	Lbs	40.00	\$ 0.74	\$ 29.60	\$ 0.54	_____
Potash (K2O)	Lbs	40.00	\$ 0.80	\$ 32.00	\$ 0.58	_____
Weed Control	Acre	1.00	\$ 6.65	\$ 15.00	\$ 0.27	_____
Insect Control	Acre	1.00	\$ -	\$ -	\$ -	_____
Disease Control	Acre	1.00	\$ -	\$ -	\$ -	_____
<i>Machinery: Preharvest</i>						
Fuel	Gallon	2.77	\$ 2.85	\$ 7.90	\$ 0.14	_____
Repairs & Maintenance	Acre	1.00	\$ 4.95	\$ 4.95	\$ 0.09	_____
<i>Machinery: Harvest</i>						
Fuel	Gallon	2.00	\$ 2.85	\$ 5.70	\$ 0.10	_____
Repairs & Maintenance	Acre	1.00	\$ 2.65	\$ 2.65	\$ 0.05	_____
Labor	Hrs	0.62	\$ 11.00	\$ 6.84	\$ 0.12	_____
Crop Insurance	Acre	1.00	\$ 5.50	\$ 5.50	\$ 0.10	_____
Land Rental	Acre	1.00	\$ -	\$ -	\$ -	_____
Interest on Operating capital	Percent	\$ 103.74	7.50%	\$ 7.78	\$ 0.14	_____
Drying - 2 points	Bushel	56.65	\$ 0.08	\$ 4.53	\$ 0.08	_____
Total Variable Costs				\$ 219.80	\$ 4.00	
Fixed Costs:						
<i>Machinery: Depreciation, Taxes, Insurance, and Housing</i>						
Preharvest	Acre	1.00	\$ 13.99	\$ 13.99	\$ 0.25	_____
Harvest	Acre	1.00	\$ 15.52	\$ 15.52	\$ 0.28	_____
General Overhead	% of VC	\$ 219.80	5.00%	\$ 10.99	\$ 0.20	_____
Management	% of VC	\$ 219.80	5.00%	\$ 10.99	\$ 0.20	_____
Owned Land Costs; Taxes, Cash Payment, Etc.	Acre	1.00	\$ -	\$ -	\$ -	_____
Other _____						_____
Total Fixed Costs				\$ 51.50	\$ 0.94	
TOTAL COSTS AND PROFIT GOAL						
Total Costs Excluding Land				\$ 271.29	\$ 4.93	
**** 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
\$	3.00	\$ (96.05)	\$ (71.30)	\$ (54.80)	\$ (38.30)	\$ (13.55)
\$	3.25	\$ (85.73)	\$ (58.92)	\$ (41.05)	\$ (23.17)	\$ 3.64
\$	3.50	\$ (75.42)	\$ (46.55)	\$ (27.30)	\$ (8.05)	\$ 20.83
\$	3.75	\$ (65.11)	\$ (34.17)	\$ (13.55)	\$ 7.08	\$ 38.02
\$	4.00	\$ (54.80)	\$ (21.80)	\$ 0.20	\$ 22.20	\$ 55.20

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 (200-249 hp) 240hp	9.015	1.000	0.111	1.37	2.05	12.97	
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 \$	2.00 \$	2.65 \$	15.52

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