

**WHEAT FOR GRAIN, INTENSIVE MANAGEMENT  
GEORGIA, 2010**

**ESTIMATED COSTS AND RETURNS**

Expected Yield                      **75 Bushels**                      YIELD: YOUR FARM \_\_\_\_\_

<b>Variable Costs:*</b>	<b>Unit</b>	<b>Number of Units</b>	<b>\$/Unit</b>	<b>Cost/Acre</b>	<b>\$/Bushels</b>	<b>Your Farm</b>
Seed	Bushel	2.25	\$ 13.500	\$ 30.38	\$ 0.41	_____
Lime	Tons	0.25	\$ 33.00	\$ 8.25	\$ 0.11	_____
<b>Fertilizer</b>						
Nitrogen	Lbs	120.00	\$ 0.50	\$ 60.00	\$ 0.80	_____
Phosphate (P2O5)	Lbs	50.00	\$ 0.28	\$ 14.00	\$ 0.19	_____
Potash (K2O)	Lbs	60.00	\$ 0.70	\$ 42.00	\$ 0.56	_____
Weed Control	Acre	1.00	\$ 15.55	\$ 15.55	\$ 0.21	_____
Insect Control	Acre	1.00	\$ -	\$ -	\$ -	_____
Disease Control	Acre	1.00	\$ 17.00	\$ 17.00	\$ 0.23	_____
<i>Machinery: Preharvest</i>						
Fuel	Gallon	7.01	\$ 2.50	\$ 17.52	\$ 0.23	_____
Repairs & Maintenance	Acre	1.00	\$ 11.58	\$ 11.58	\$ 0.15	_____
<i>Machinery: Harvest</i>						
Fuel	Gallon	2.20	\$ 2.50	\$ 5.50	\$ 0.07	_____
Repairs & Maintenance	Acre	1.00	\$ 3.03	\$ 3.03	\$ 0.04	_____
Labor	Hrs	1.17	\$ 11.00	\$ 12.92	\$ 0.17	_____
Crop Insurance	Acre	1.00	\$ 7.25	\$ 7.25	\$ 0.10	_____
Land Rental	Acre	1.00	\$ -	\$ -	\$ -	_____
Interest on Operating capital	Percent	\$ 122.49	7.50%	\$ 9.19	\$ 0.12	_____
Drying - 2 points	Bushel	77.25	\$ 0.08	\$ 6.18	\$ 0.08	_____
<b>Total Variable Costs</b>				<b>\$ 260.34</b>	<b>\$ 3.47</b>	
<b>Fixed Costs:</b>						
<i>Machinery: Depreciation, Taxes, Insurance, and Housing</i>						
Preharvest	Acre	1.00	\$ 33.85	\$ 33.85	\$ 0.45	_____
Harvest	Acre	1.00	\$ 17.96	\$ 17.96	\$ 0.24	_____
General Overhead	% of VC	\$ 260.34	5.00%	\$ 13.02	\$ 0.17	_____
Management	% of VC	\$ 260.34	5.00%	\$ 13.02	\$ 0.17	_____
Owned Land Costs; Taxes, Cash Payment, Etc.	Acre	1.00	\$ -	\$ -	\$ -	_____
Other _____						_____
<b>Total Fixed Costs</b>				<b>\$ 77.84</b>	<b>\$ 1.04</b>	
<b>TOTAL COSTS AND PROFIT GOAL</b>						
<b>Total Costs Excluding Land</b>				<b>\$ 338.19</b>	<b>\$ 4.51</b>	
**** YOUR PROFIT GOAL ****				\$ _____/Bu.		
\$\$-PRICE NEEDED FOR PROFIT-\$\$				\$ _____/Bu.		

\*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, INTENSIVE MANAGEMENT

NET RETURNS ABOVE VARIABLE COSTS PER ACRE						
Varying Prices and Yield (Bushels)						
		-25%	-10%	Average	+10%	+25%
		56.25	67.5	75	82.5	93.75
\$	3.50	\$ (63.47)	\$ (24.09)	\$ 2.16	\$ 28.41	\$ 67.78
\$	3.75	\$ (49.40)	\$ (7.22)	\$ 20.91	\$ 49.03	\$ 91.22
\$	4.00	\$ (35.34)	\$ 9.66	\$ 39.66	\$ 69.66	\$ 114.66
\$	4.25	\$ (21.28)	\$ 26.53	\$ 58.41	\$ 90.28	\$ 138.10
\$	4.50	\$ (7.22)	\$ 43.41	\$ 77.16	\$ 110.91	\$ 161.53

### 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)	
Plow 4 Bottom Switch6' with Tractor (180-199 hp)-MFWD 190	2.327	1.00	0.43	4.20	6.12	18.40	
Disk Harrow32' with Tractor (180-199 hp)-MFWD 190	16.291	2.00	0.12	1.20	2.60	7.55	
Grain Drill15' 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	2.00	0.06	0.38	0.51	1.23	
<b>Total Preharvest Fuel, Repairs, Fixed Costs, &amp; Labor</b>			<b>0.735 \$</b>	<b>7.01 \$</b>	<b>11.58 \$</b>	<b>33.85</b>	

HARVEST OPERATIONS							
Operation	Acres/Hour	Number Times Over	Labor Use (Hr.)	Fuel Use (Gal./Ac)	Machinery Repairs (\$/Ac)	Fixed Costs (\$/Ac)	
Header Wheat/Sorghum22' 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	
<b>Total Harvest Fuel, Repairs, Fixed Costs, and Labor</b>			<b>0.205 \$</b>	<b>2.20 \$</b>	<b>3.03 \$</b>	<b>17.96</b>	

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