

## Economic Impacts of Agriculture and Natural Resource Industries in Lake, Orange, Osceola and Seminole Counties in Central Florida, 2004

Source: MIG, Inc., *Implan* data for Florida Counties

Compiled by Alan Hodges, University of Florida, Dec. 6, 2006

		Sum of Output Impacts (\$M)				Total Sum of Output Impacts (\$M)	Sum of Employment Impacts (jobs)				Total Sum of Employment Impacts (jobs)	Sum of Total Value Added Impacts (\$M)				Total Sum of Total Value Added Impacts (\$M)
Agric. & Natural Resources Industry Group	Industry	Lake	Osceola	Orange	Seminole		Lake	Osceola	Orange	Seminole		Lake	Osceola	Orange	Seminole	
Agricultural Inputs & Services (fertilizers, pesticides, veterinary, support activities, equipment manuf)	Agriculture and forestry support activities	38.9	26.2	150.8	7.8	223.7	1,016	571	3,482	188	5,256.8	23.1	16.8	92.0	4.5	136.3
	Farm machinery and equipment manufacturing	0.0	58.8	0.0	0.0	58.8	0	246	0	0	245.6	0.0	20.2	0.0	0.0	20.2
	Fertilizer- mixing only- manufacturing	22.2	0.0	111.6	0.2	134.0	51	0	251	1	303.2	4.6	0.0	24.9	0.0	29.6
	Food product machinery manufacturing	0.0	0.0	12.4	0.0	12.4	0	0	84	0	84.0	0.0	0.0	5.8	0.0	5.8
	Lawn and garden equipment manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	New farm housing units	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Nitrogenous fertilizer manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Paper industry machinery manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Pesticide and other agricultural chemical man	0.8	0.0	25.8	0.0	26.6	4	0	111	0	114.0	0.2	0.0	10.2	0.0	10.4
	Phosphatic fertilizer manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Sawmill and woodworking machinery	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Veterinary services	19.2	5.7	72.3	91.2	188.5	288	88	998	1,479	2,854.4	9.0	2.6	36.5	38.7	86.8
Agricultural Inputs & Services (fertilizers, pesticides, veterinary, support activities, equipment manuf) Total		81.1	90.7	373.0	99.2	644.1	1,358	905	4,926	1,669	8,858.0	36.9	39.6	169.4	43.1	289.0
Environmental Horticulture (nursery & greenhouse, landscape services)	Greenhouse and nursery production	216.3	28.8	338.2	20.2	603.5	2,041	235	3,682	306	6,264.3	147.4	19.9	233.3	14.2	414.8
	Landscape services	115.7	75.5	727.5	170.9	1,089.6	1,954	1,339	11,954	2,996	18,241.8	64.6	41.3	406.7	93.5	606.1
Environmental Horticulture (nursery & greenhouse, landscape services) Total		331.9	104.3	1,065.7	191.1	1,693.1	3,995	1,574	15,636	3,301	24,506.2	212.0	61.2	640.0	107.8	1,020.9
Fishing & Seafood Products	Fishing	3.4	8.5	2.1	1.2	15.1	81	204	47	27	359.3	1.4	3.4	0.9	0.5	6.2
	Seafood product preparation and packaging	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Fishing & Seafood Products Total		3.4	8.5	2.1	1.2	15.1	81	204	47	27	359.3	1.4	3.4	0.9	0.5	6.2
Forestry, Wood & Paper Product Manufacturing	All other converted paper product manufacturi	0.0	0.0	0.6	0.0	0.6	0	0	3	0	3.4	0.0	0.0	0.2	0.0	0.2
	Coated and laminated paper and packaging mate	0.0	0.0	0.0	64.5	64.5	0	0	0	353	353.5	0.0	0.0	0.0	22.6	22.6
	Coated and uncoated paper bag manufacturing	0.0	0.0	5.7	0.0	5.7	0	0	31	0	31.5	0.7	0.0	2.6	0.0	2.6
	Cut stock- resawing lumber- and planing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Engineered wood member and truss manufacturin	67.7	0.0	51.4	69.9	189.0	541	0	355	513	1,409.0	34.1	0.0	24.7	36.6	95.4
	Forest nurseries- forest products- and timber	4.8	0.0	24.2	1.3	30.3	68	0	235	8	310.3	2.1	0.0	10.1	0.5	12.7
	Logging	3.6	3.2	0.0	0.4	7.2	19	12	0	2	33.5	1.1	1.2	0.0	0.2	2.5
	Miscellaneous wood product manufacturing	0.0	5.5	10.0	0.0	15.5	0	49	76	0	125.2	0.0	2.8	5.5	0.0	8.3
	Other millwork- including flooring	0.0	0.1	5.2	8.4	13.7	0	1	32	52	84.7	0.0	0.0	1.5	2.4	3.9
	Paper and paperboard mills	0.0	0.0	0.0	1.6	1.6	0	0	0	11	11.4	0.0	0.0	0.0	0.7	0.7
	Paperboard container manufacturing	0.0	0.0	109.2	61.0	170.1	0	0	587	349	936.0	0.0	0.0	41.9	20.1	62.0
	Pulp mills	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Reconstituted wood product manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Sanitary paper product manufacturing	0.0	0.0	1.9	0.0	1.9	0	0	8	0	7.8	0.0	0.0	0.7	0.0	0.7
	Sawmills	5.2	11.6	0.0	0.0	16.8	23	61	0	0	83.9	1.5	3.8	0.0	0.0	5.3
	Surface-coated paperboard manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Veneer and plywood manufacturing	0.0	0.0	11.8	0.0	11.8	0	0	61	0	60.6	0.0	0.0	4.3	0.0	4.3
	Wood container and pallet manufacturing	0.9	0.0	3.3	0.8	5.0	9	0	34	8	51.4	0.3	0.0	1.2	0.3	1.7
	Wood preservation	0.0	0.0	19.5	0.0	19.5	0	0	80	0	79.5	0.0	0.0	3.8	0.0	3.8
Wood windows and door manufacturing	72.8	38.5	22.0	98.2	231.5	540	291	123	671	1,624.5	35.6	18.5	10.4	49.9	114.3	
Forestry, Wood & Paper Product Manufacturing Total		154.9	59.0	264.8	306.0	784.7	1,200	414	1,624	1,967	5,206.0	74.6	26.4	106.8	133.3	341.0
Fruit & Vegetable Farming & Processing	Frozen food manufacturing	9.8	0.0	187.5	0.0	197.3	69	0	1,039	0	1,107.3	3.8	0.0	84.3	0.0	88.1
	Fruit and vegetable canning and drying	242.2	0.0	40.6	2.9	285.7	1,290	0	228	15	1,532.8	85.9	0.0	19.7	1.6	107.2
	Fruit farming	56.9	33.7	26.8	2.5	119.9	683	353	401	54	1,491.4	34.4	20.7	16.3	1.5	72.9
	Vegetable and melon farming	1.6	13.7	2.5	0.0	17.7	9	88	19	0	116.2	1.2	9.9	1.8	0.0	12.8
Fruit & Vegetable Farming & Processing Total		310.4	47.4	257.4	5.3	620.6	2,051	441	1,687	69	4,247.7	125.2	30.6	122.1	3.1	281.0
Grain & Oilseed Farming & Processing	Flour milling	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
	Grain farming	0.1	0.0	0.0	0.0	0.1	2	0	0	0	1.7	0.1	0.0	0.0	0.1	
	Malt manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
	Oilseed farming	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
	Other oilseed processing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
	Rice milling	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
	Soybean processing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
	Wet corn milling	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
Grain & Oilseed Farming & Processing Total		0.1	0.0	0.0	0.0	0.1	2	0	0	0	1.7	0.1	0.0	0.0	0.1	
Livestock & Dairy Farming & Animal Products Manufacturing	Animal- except poultry- slaughtering	0.0	0.0	0.4	0.9	1.3	0	0	1	2	3.5	0.0	0.0	0.1	0.3	
	Animal production- except cattle and poultry	19.9	4.5	3.5	0.5	28.4	410	79	121	26	636.4	4.1	1.0	0.6	0.1	5.8
	Cattle ranching and farming	22.0	44.0	3.2	2.1	71.2	220	375	44	36	675.1	6.5	13.1	0.5	0.6	20.7

	Cheese manufacturing	0.0	0.0	136.2	0.0	136.2	0	0	307	0	307.2	0.0	0.0	21.2	0.0	21.2
	Creamery butter manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Dry- condensed- and evaporated dairy products	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Fluid milk manufacturing	0.0	0.0	249.8	0.0	249.8	0	0	773	0	773.3	0.0	0.0	53.1	0.0	53.1
	Ice cream and frozen dessert manufacturing	0.0	0.0	2.3	0.0	2.3	0	0	5	0	5.3	0.0	0.0	0.5	0.0	0.5
	Meat processed from carcasses	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Poultry and egg production	32.9	1.8	0.7	0.8	36.3	165	8	4	5	181.8	17.9	1.0	0.4	0.4	19.7
	Poultry processing	0.0	0.0	0.1	0.0	0.1	0	0	1	0	1.0	0.0	0.0	0.0	0.0	0.0
	Rendering and meat byproduct processing	0.0	0.0	0.4	0.0	0.4	0	0	1	0	1.2	0.0	0.0	0.1	0.0	0.1
	<b>Livestock &amp; Dairy Farming &amp; Animal Products Manufacturing Total</b>	<b>74.8</b>	<b>50.3</b>	<b>396.6</b>	<b>4.4</b>	<b>526.1</b>	<b>795</b>	<b>462</b>	<b>1,258</b>	<b>70</b>	<b>2,584.9</b>	<b>28.5</b>	<b>15.1</b>	<b>76.5</b>	<b>1.5</b>	<b>121.6</b>
Mining	Coal mining	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Copper- nickel- lead- and zinc mining	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Drilling oil and gas wells	0.0	1.9	0.0	1.3	3.2	0	10	0	8	17.7	0.0	1.1	0.0	0.7	1.7
	Gold- silver- and other metal ore mining	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Iron ore mining	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Oil and gas extraction	1.3	20.9	0.8	3.7	26.6	5	85	3	12	105.4	0.2	3.7	0.1	1.1	5.0
	Other nonmetallic mineral mining	44.9	0.0	14.0	0.0	59.0	371	0	91	0	462.1	23.1	0.0	8.0	0.0	31.0
	Sand- gravel- clay- and refractory mining	33.3	0.0	8.6	0.0	41.9	283	0	71	0	354.3	21.4	0.0	5.5	0.0	26.9
	Stone mining and quarrying	0.0	0.0	0.0	0.6	0.6	0	0	0	5	5.5	0.0	0.0	0.0	0.4	0.4
	Support activities for oil and gas operations	0.3	0.0	0.0	0.1	0.4	9	0	3	0	10.2	0.2	0.0	0.0	0.1	0.3
Support activities for other mining	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	
	<b>Mining Total</b>	<b>79.9</b>	<b>22.8</b>	<b>23.4</b>	<b>5.6</b>	<b>131.7</b>	<b>668</b>	<b>95</b>	<b>165</b>	<b>26</b>	<b>955.2</b>	<b>44.9</b>	<b>4.7</b>	<b>13.5</b>	<b>2.2</b>	<b>65.4</b>
Other Crop Farming	All other crop farming	2.6	1.2	0.6	0.1	4.6	19	8	6	2	34.5	1.6	0.7	0.4	0.1	2.8
	Cotton farming	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Tree nut farming	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Other Crop Farming Total</b>	<b>2.6</b>	<b>1.2</b>	<b>0.6</b>	<b>0.1</b>	<b>4.6</b>	<b>19</b>	<b>8</b>	<b>6</b>	<b>2</b>	<b>34.5</b>	<b>1.6</b>	<b>0.7</b>	<b>0.4</b>	<b>0.1</b>	<b>2.8</b>
Other Food Product Manufacturing	All other food manufacturing	0.0	0.2	1.2	7.9	9.3	0	1	5	35	42.0	0.0	0.1	0.2	1.7	2.0
	Bread and bakery product- except frozen- manu	9.1	10.1	177.1	9.2	205.5	110	64	1,409	92	1,674.4	1.9	5.1	79.9	2.9	89.8
	Breakfast cereal manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Breweries	0.0	0.0	5.1	0.0	5.1	0	0	24	0	24.2	0.0	0.0	2.4	0.0	2.4
	Coffee and tea manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Cookie and cracker manufacturing	0.0	0.0	8.8	0.0	8.8	0	0	23	0	23.3	0.0	0.0	3.2	0.0	3.2
	Distilleries	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Dog and cat food manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Dry pasta manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Fats and oils refining and blending	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Flavoring syrup and concentrate manufacturing	0.0	0.0	157.4	0.6	158.0	0	0	178	1	179.0	0.0	0.0	50.0	0.1	50.1
	Frozen cakes and other pastries manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Mayonnaise- dressing- and sauce manufacturing	0.0	0.0	3.8	0.0	3.8	0	0	12	0	11.6	0.0	0.0	1.0	0.0	1.0
	Mixes and dough made from purchased flour	0.0	0.0	0.0	0.2	0.2	0	0	0	1	1.0	0.0	0.0	0.0	0.1	0.1
	Other animal food manufacturing	9.5	47.4	0.0	1.2	58.1	31	172	0	5	208.3	1.4	11.4	0.0	0.4	13.2
	Other snack food manufacturing	0.0	0.0	522.4	0.0	522.4	0	0	2,303	0	2,303.2	0.0	0.0	215.5	0.0	215.5
	Roasted nuts and peanut butter manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Soft drink and ice manufacturing	20.2	48.9	833.6	0.0	902.7	93	221	3,563	0	3,877.6	6.2	16.4	291.2	0.0	313.8	
Spice and extract manufacturing	0.0	0.0	0.3	0.0	0.3	0	0	1	0	1.0	0.0	0.0	0.1	0.0	0.1	
Tortilla manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	
Wineries	15.1	0.0	1.8	0.0	16.9	93	0	10	0	103.5	4.6	0.0	0.6	0.0	5.2	
	<b>Other Food Product Manufacturing Total</b>	<b>53.9</b>	<b>106.6</b>	<b>1,711.4</b>	<b>19.2</b>	<b>1,891.1</b>	<b>328</b>	<b>458</b>	<b>7,529</b>	<b>134</b>	<b>8,449.0</b>	<b>14.1</b>	<b>33.0</b>	<b>644.1</b>	<b>5.2</b>	<b>696.3</b>
Sugarcane Farming, Refined Sugar & Confections	Confectionery manufacturing from cacao beans	0.0	0.0	1.3	0.0	1.3	0	0	4	0	4.0	0.0	0.0	0.3	0.0	0.3
	Confectionery manufacturing from purchased ch	0.0	0.0	18.2	9.9	28.2	0	0	102	62	163.7	0.0	0.0	7.2	2.7	9.9
	Nonchocolate confectionery manufacturing	0.0	0.0	1.1	2.2	3.4	0	0	9	16	25.7	0.4	0.0	0.6	0.8	1.5
	Sugar manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Sugarcane and sugar beet farming	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Sugarcane Farming, Refined Sugar &amp; Confections Total</b>	<b>0.0</b>	<b>0.0</b>	<b>20.7</b>	<b>12.2</b>	<b>32.8</b>	<b>0</b>	<b>0</b>	<b>115</b>	<b>78</b>	<b>193.4</b>	<b>0.0</b>	<b>0.0</b>	<b>8.1</b>	<b>3.5</b>	<b>11.7</b>
Tobacco Farming & Manufacturing	Cigarette manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Other tobacco product manufacturing	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Tobacco farming	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	Tobacco stemming and redrying	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Tobacco Farming &amp; Manufacturing Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Wildlife (hunting)	Hunting and trapping	0.0	0.0	6.2	1.9	8.1	0	0	58	12	69.9	0.0	0.0	3.3	0.9	4.1
	<b>Wildlife (hunting) Total</b>	<b>0.0</b>	<b>0.0</b>	<b>6.2</b>	<b>1.9</b>	<b>8.1</b>	<b>0</b>	<b>0</b>	<b>58</b>	<b>12</b>	<b>69.9</b>	<b>0.0</b>	<b>0.0</b>	<b>3.3</b>	<b>0.9</b>	<b>4.1</b>
	<b>Grand Total</b>	<b>1,093.0</b>	<b>490.7</b>	<b>4,122.0</b>	<b>646.4</b>	<b>6,352.1</b>	<b>10,497</b>	<b>4,563</b>	<b>33,051</b>	<b>7,355</b>	<b>55,465.9</b>	<b>539.3</b>	<b>214.7</b>	<b>1,785.1</b>	<b>301.1</b>	<b>2,840.1</b>