

# Economic Impacts From Agriculture on SW Florida



- Crop, Livestock, Forestry & Fisheries \$ 1516.2 M  
(crops, sugarcane, cattle, poultry, forestry, ornamentals)
- Agricultural Inputs & Services \$971.2 M  
(landscaping, pest control, veterinary, farm machinery, fertilizer )
- Food & Kindred Manufacturing (food, pet food, canning, breweries, sugar, soft \$185 M
- Forest Products (paperboard containers, windows, doors, paper mills) \$53.1 M
- Food & Kindred Product Distribution \$3051.5 M  
(retails stores, lawn & garden centers, wholesale foods, etc)
- Mining—(oil and gas extraction, etc) \$262.2 M
- Nature Based Recreation— (golf courses, hunting, fishing) \$127.9 M

Source: Alan W. Hodges, UF/IFAS EDIS FE935, 2013

**Total Economic Impact (Includes Economic Multiplier 1.6):**

**\$6.17 Billion Annually**

**Definition of economic impacts - 3 categories:**

- **Direct:** sales that are directly attributable to farming operations. (ex. Boxes of oranges, cartons of tomatoes, tons of sugarcane, or hundred weight of calves.)
- **Indirect:** sales that result from companies that sell to agricultural operations (ex. Fertilizer & chemical sales, insurance brokers, farm bankers, equipment dealers.)
- **Induced:** sales that result when farmers, their employees, and the employees of allied businesses spend their income on consumer goods (ex. TVs, cars, clothes, entertainment activities, etc.)

## Economic Importance of Agriculture to Southwest Florida



**Fritz M. Roka**

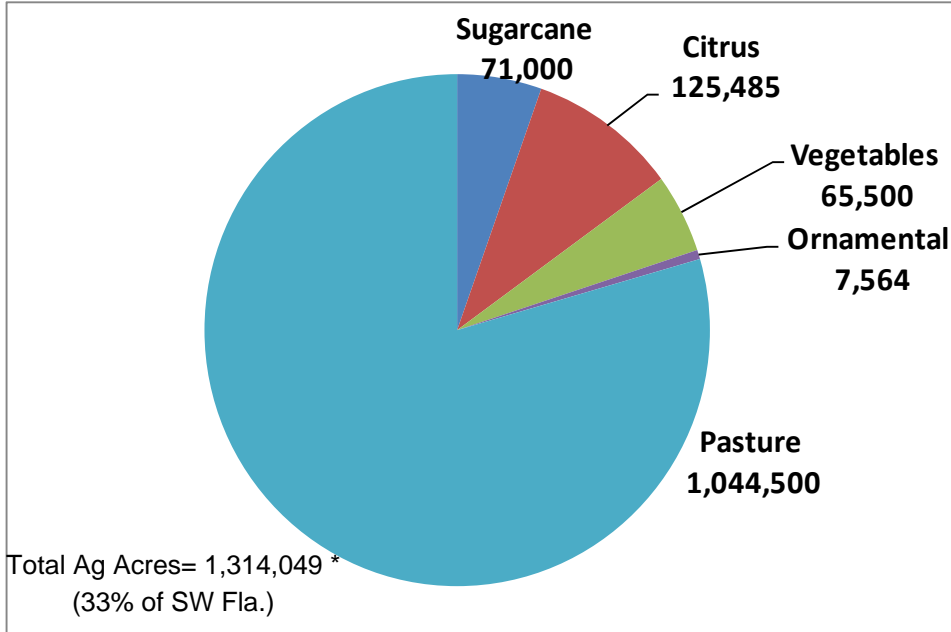
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## Issues Important to Southwest Florida Agriculture

- New technology: higher yields and/or lower costs
- Exotic Pests & Diseases (Citrus Greening)
- Access to water and land
- Immigration reform and farm worker concerns
- Global competition and free trade
- Regulations and food safety standards

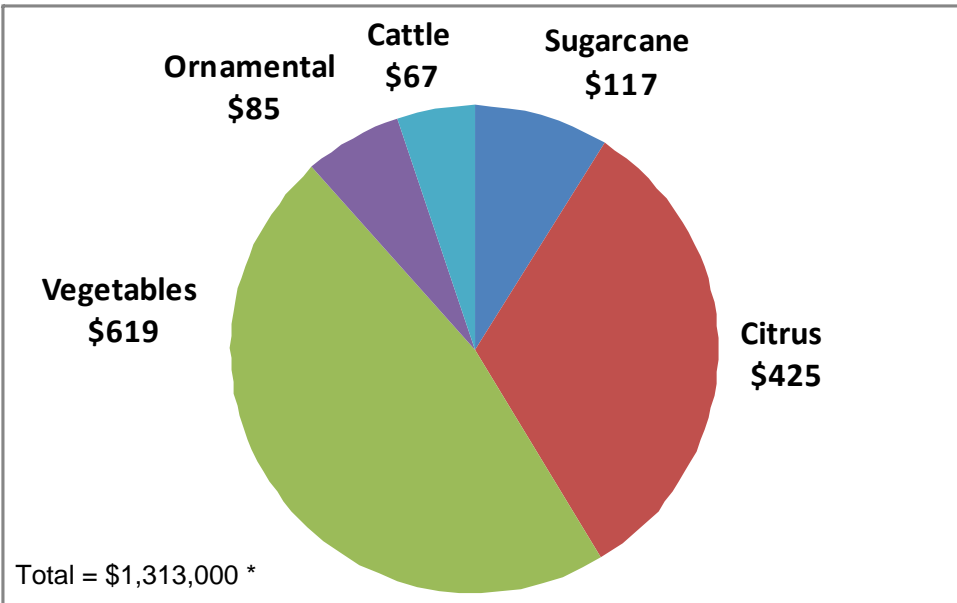
Updated July 2013

## Southwest Florida Agricultural Acreage, 2012



\*Forestry acreage and products NOT included

## Farm-Gate Sales, 2012 (\$M)



\*Forestry acreage and products NOT included

## Production Costs and Yields

	Annual Costs (inc. harvest)	Typical Yields/Ac
Oranges for juice	\$3,350/Acre	350 (90 lb-bx)
Tomatoes, round	\$17,500/Acre	1,400 (25 lb-ctn)
Bell Peppers	\$18,500/Acre	950 (28 lb-bu)
Iowa Field Corn	\$800/Acre	165 bu

Important Point: High productions costs

## Grower Prices

		2012 Price	2007-2012 Price Range	Break-Even Price
Oranges (on-tree)	Bx	\$7.96	\$5.77-8.41	\$6.82
Tomatoes	Ctn	\$10.25	\$4.95-32.95	\$12.50
Bell Peppers	Bu	\$14.69	\$5.35-51.65	\$19.47

Important Point: Volatile prices

## Conclusions

- **Agricultural production is a business**
- **Significant financial resources required to grow crops**
- **Land will remain in agriculture so long as growers receive a “reasonable” return**

**Southwest Florida— Charlotte, Collier, Glades, Hendry, Lee**



**SOUTHWEST FLORIDA RESEARCH & EDUCATION CENTER (SWFREC)  
AN ENGINE FOR ECONOMIC DEVELOPMENT**

**SWFREC's Contribution to Economic Development of Southwest Florida:**

- Research & Development support to agricultural producers, allied businesses, food processors, and nature based recreation.
  - **\$1 billion farm sales** from citrus, fresh market vegetables, sugarcane, cattle, and ornamentals
  - Total economic impact from agriculture and related industries within southwest Florida:
    - **133,000 jobs**
    - **\$6.2 billion in sales**
  
- Annual economic impacts directly from SWFREC operations:
  - **\$3,600,000 total budget**
  - **\$2,900,000 total payroll**
    - **\$1,800,000 UF payroll dollars**
    - **\$1,100,000 payroll paid from SWFREC grants**
  - **86 employees as of Nov 1, 2013**
    - **26 UF supported employees, including 7 faculty positions**
    - **60 SWFREC grant supported employees**
  
- New horticultural crops:
  - Economic and environment diversity enhanced with blueberries and peaches
  
- Natural resource innovations:
  - Incentive programs in place for ranchers to store and treat water (cooperative project with the World Wildlife Fund)

