

# North Carolina Department of Agriculture & Consumer Services

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# North Carolina Agriculture: 100 Years Ago and Today

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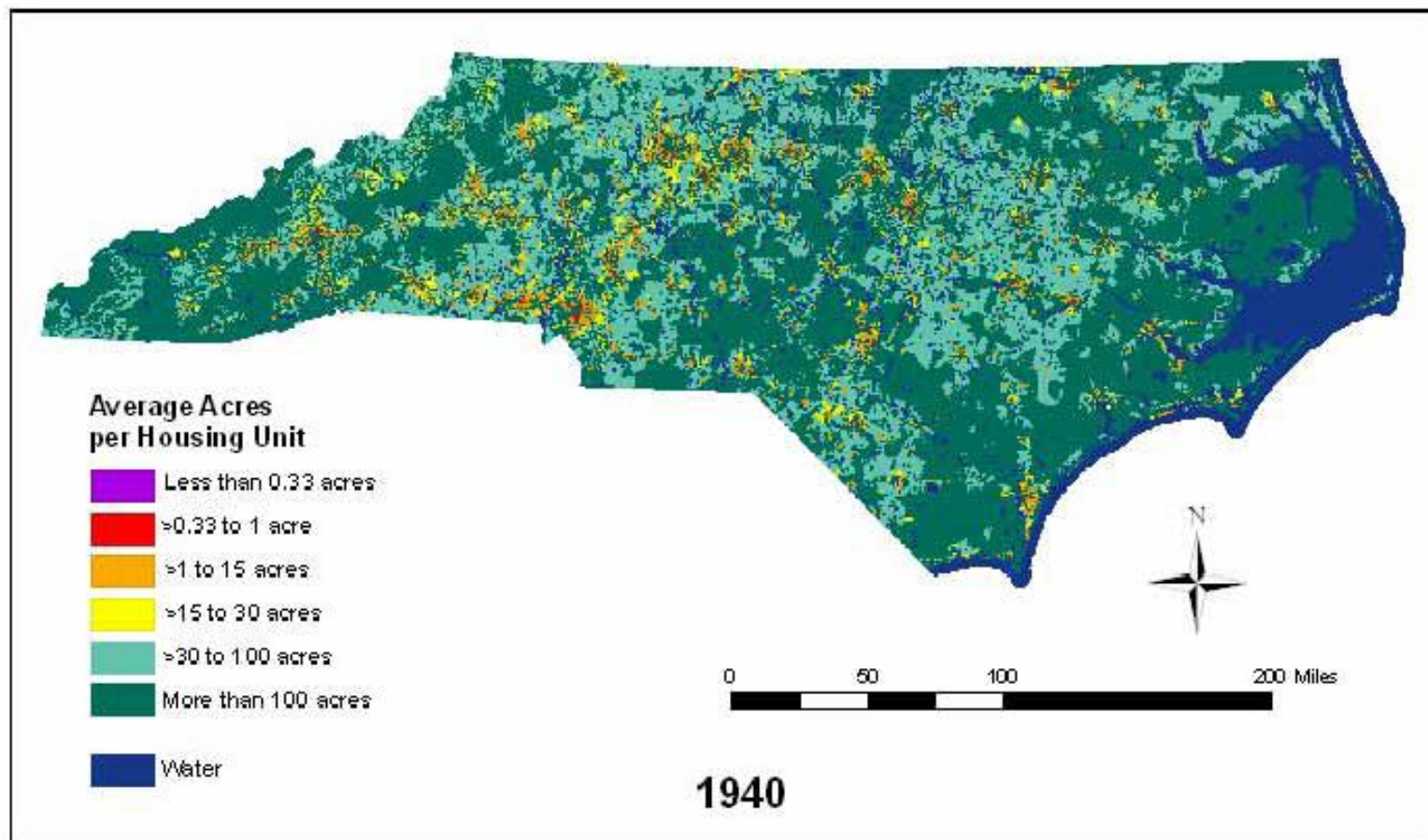


# Comparison

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	<b>1910</b>	<b>2007 Census of Ag</b>
■ Farms	253,725	52,913 (number)
■ Acres	22,439,129	8,474,671
■ Value/Acre	\$ 15.29	\$ 4,096
■ Cattle	700,861	820,182 (number on farms)
■ Dairy cows	308,914	47,589 (number on farms)
■ Mules	174,711	8,546 (number on farms)
■ Hogs	1,227,625	10,134,004 (number on farms)
■ Corn	2,459,457	965,426 (acres harvested)
■ Cotton	1,274,404	526,060 (acres harvested)
■ Tobacco	95,980	170,083 (acres harvested)

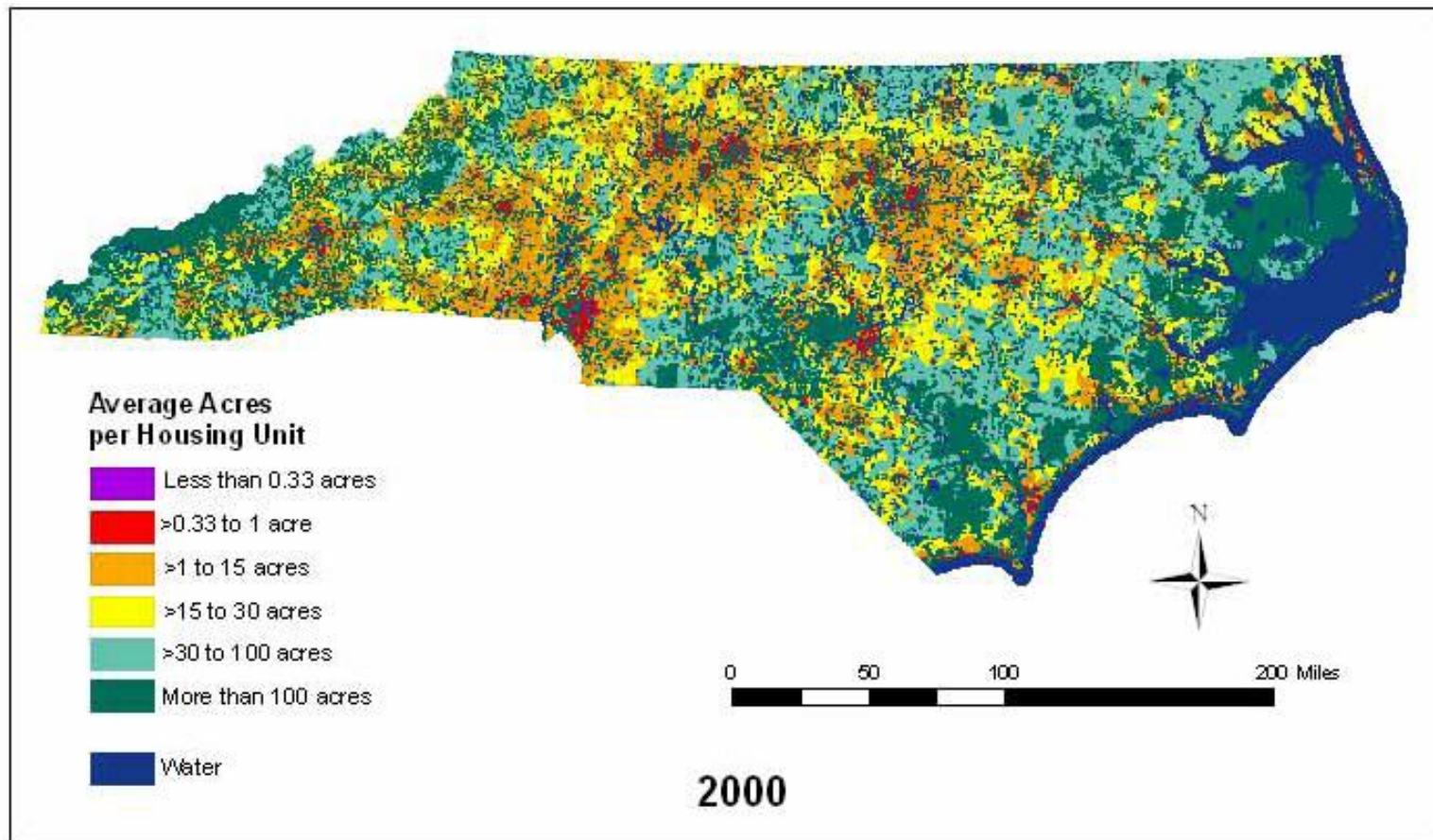
# Housing Density, North Carolina, 1940



*Source: Conservation Trust of NC*

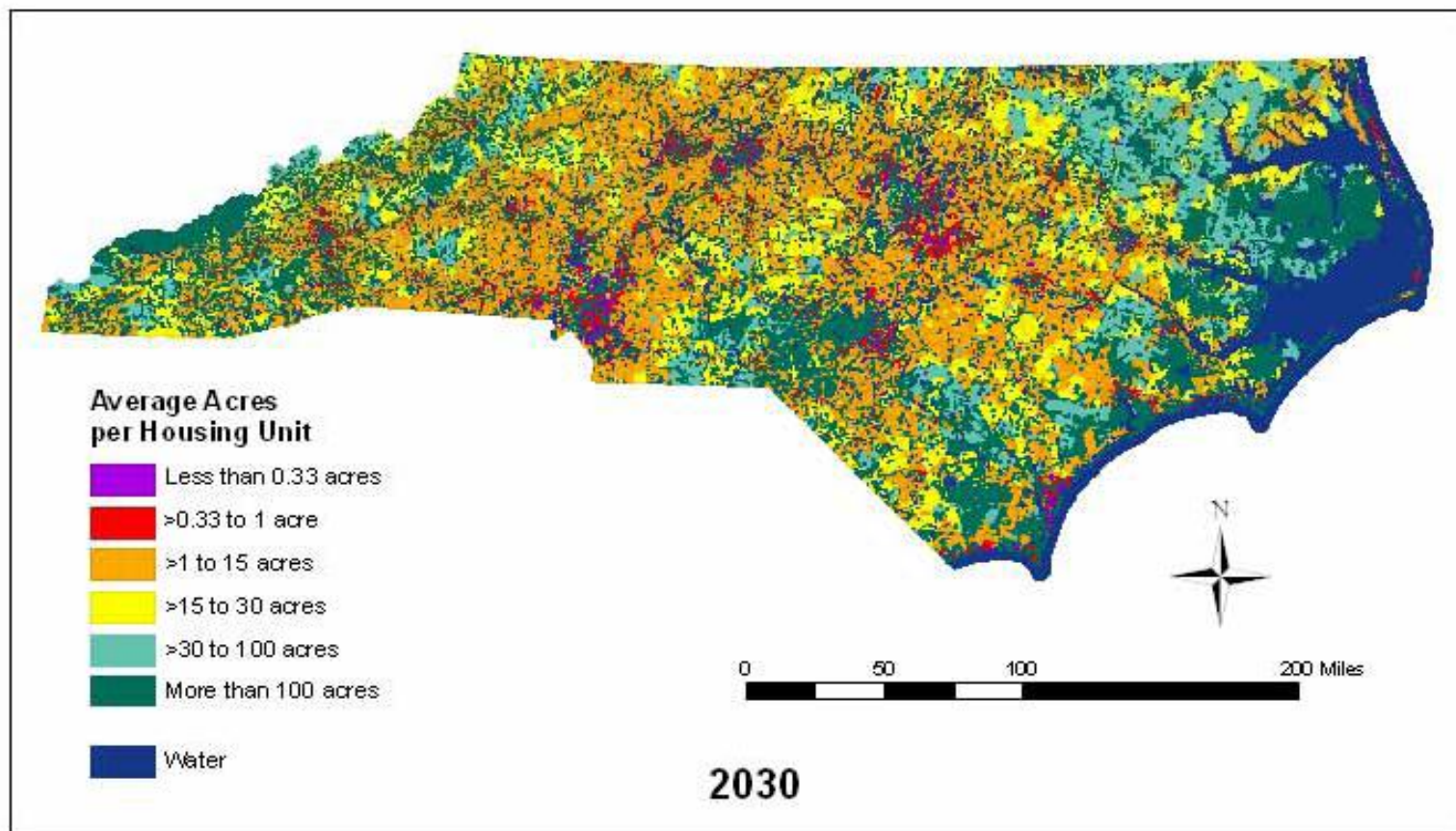


# Housing Density, North Carolina, 2000



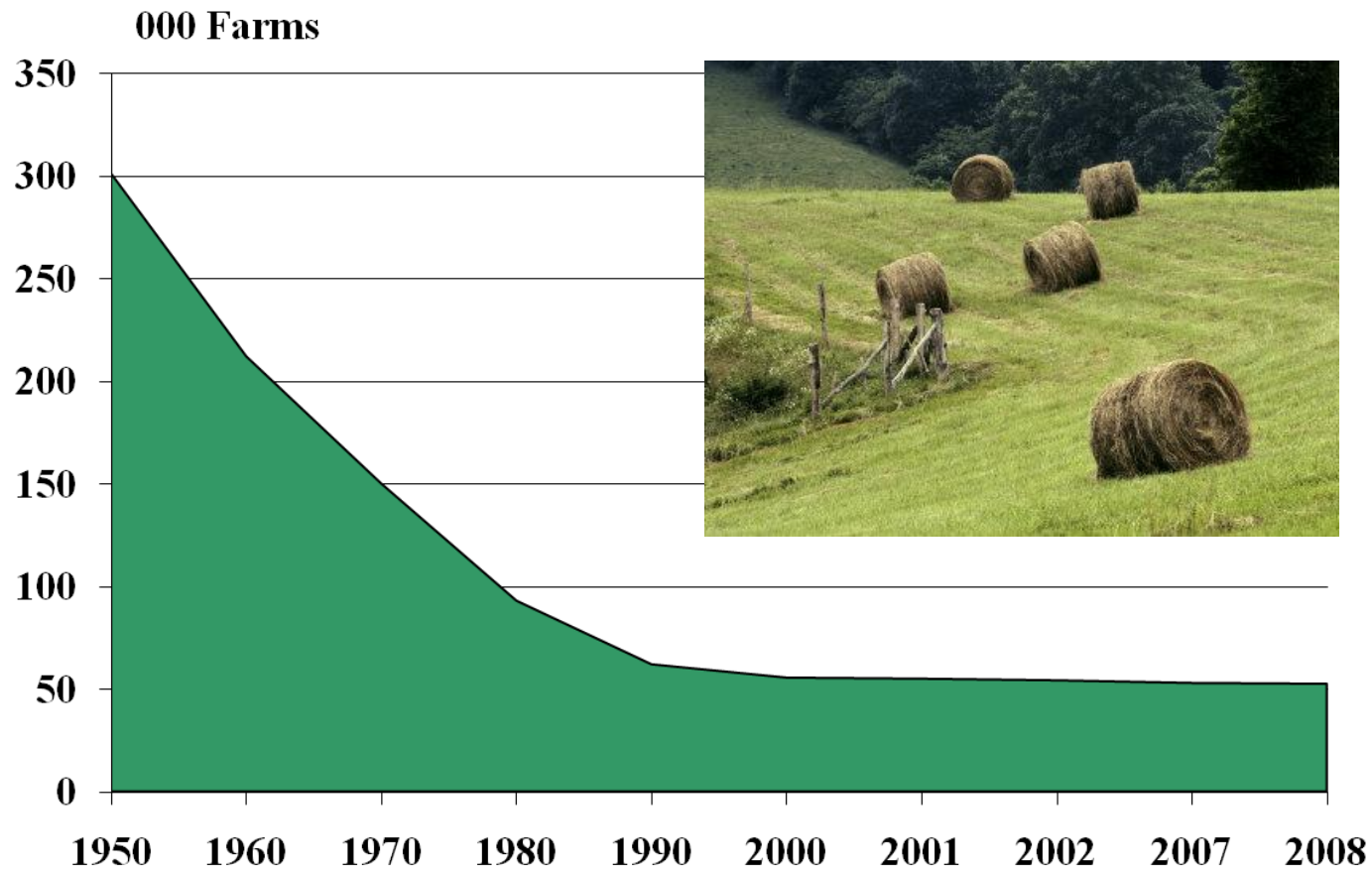
*Source: Conservation Trust of NC*

# Housing Density, North Carolina, 2030 estimated

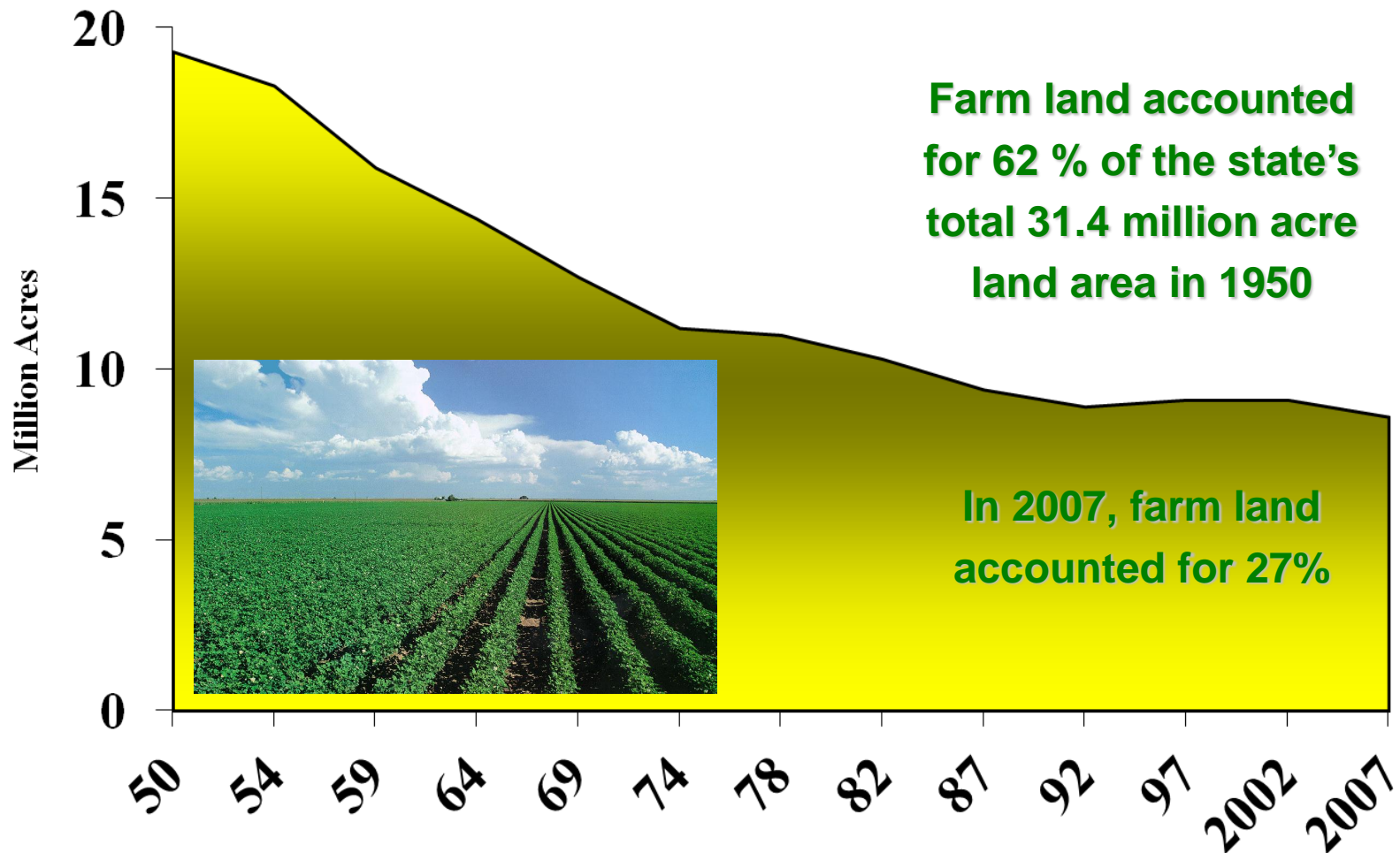


*Source: Conservation Trust of NC*

# NC Farm Numbers



# North Carolina Land in Farms







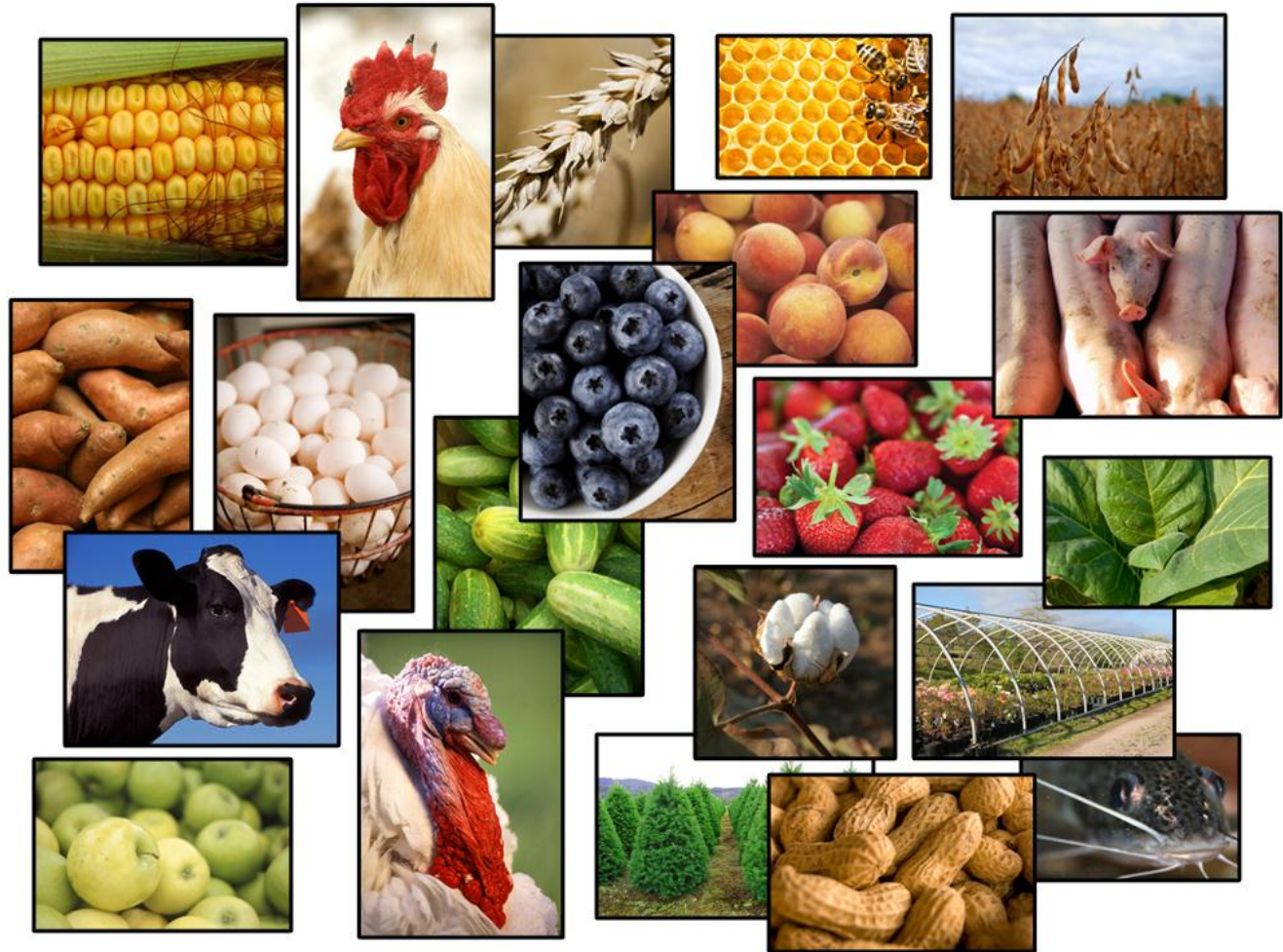
# How much do you know?

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- ❑ What percentage of NC farms generate over \$500,000 in farm sales annually?
  - A. 24%
  - B. 35%
  - C. 8%
  - D. 16%
- ❑ Answer: C

# The Importance of NC Agriculture

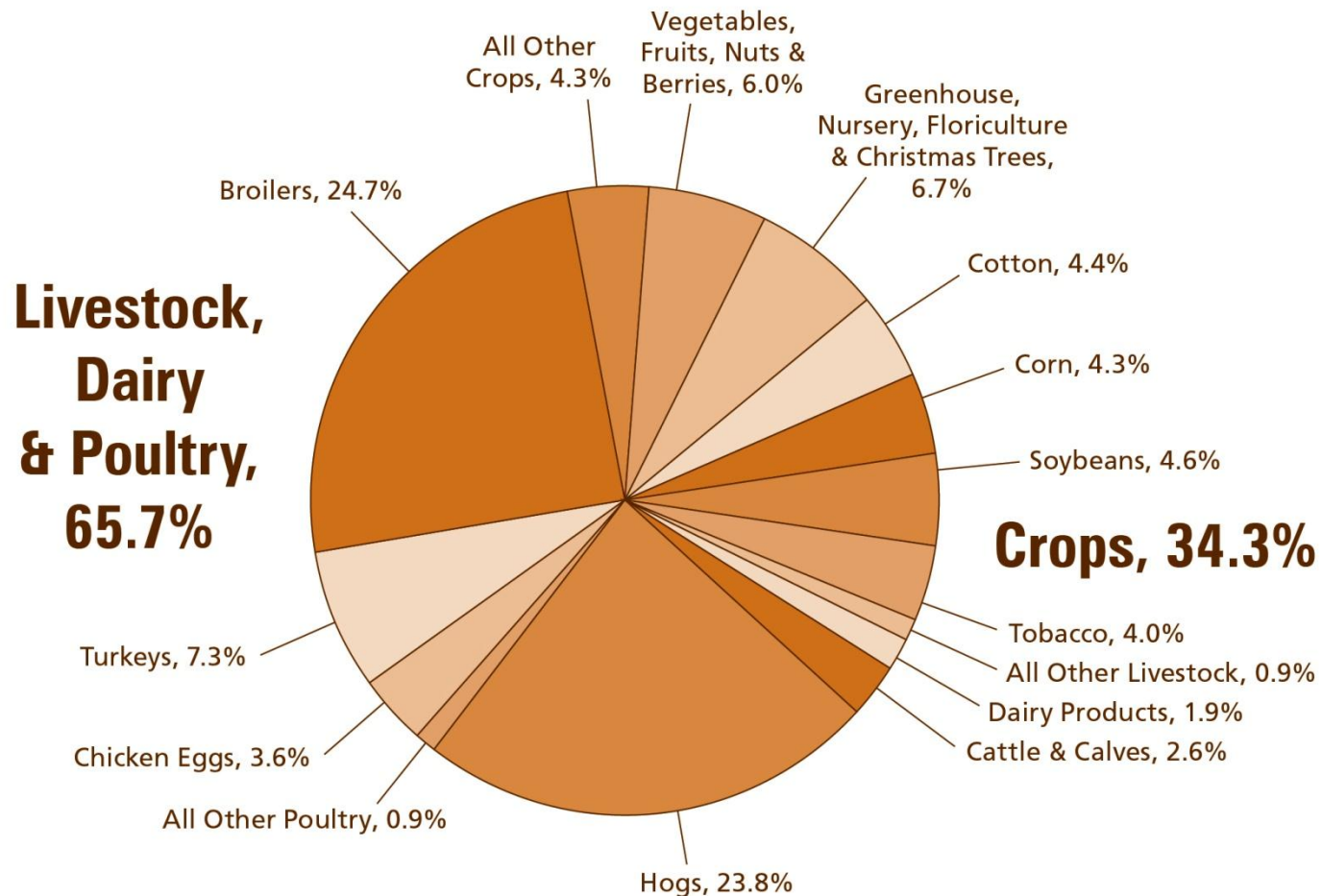
- ❑ North Carolina is diverse
- ❑ N.C. is the fourth most diverse state agriculturally in the United States



# N.C. Farm Cash Receipts, 2011: \$10.5 billion

## SOURCE OF FARM CASH RECEIPTS, 2011

\$10,543,175,000





# N.C.'s Rank in U.S. Agriculture

## □ First

- Tobacco
- Sweet Potatoes

## □ Second

- Hogs
- Turkeys
- Christmas Trees
- Trout Sold

## □ Third

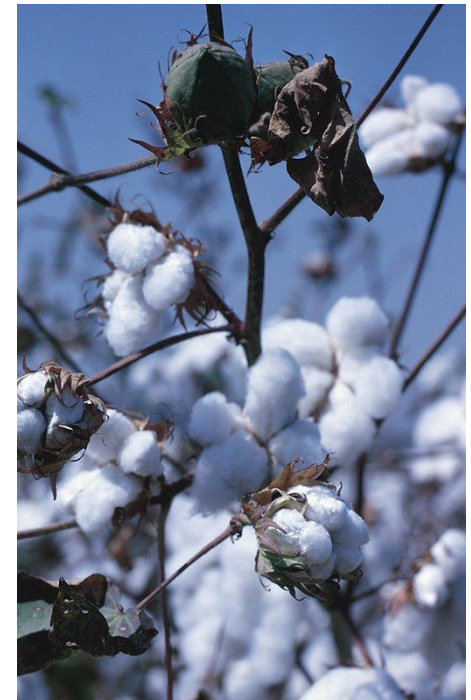
- Cucumbers
- Tomatoes

## □ Fourth

- Broilers
- Peanuts
- Strawberries

## □ Fifth

- Upland Cotton
- Peanuts
- Greenhouse/Nursery Cash Receipts
- Catfish Sold







# The Department

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- ❑ Principal role is to preserve and promote the state's **number one** industry, agriculture and agribusiness. Economic impact is **\$72 billion**.
- ❑ Is “under the control of the Commissioner of Agriculture” (N.C. General Statutes 106-2)
- ❑ With the consent and advice of “The Board of Agriculture” (NCGS 106-2)

# The Board of Agriculture

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- ❑ “The Commissioner of Agriculture and the members of the Board of Agriculture must be practical farmers engaged in their profession” (NCGS 106-2)
- ❑ Must meet at least twice a year “in the City of Raleigh” (NCGS 106-4)
- ❑ Members are appointed by the Governor.



# Wide Range of Services

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- ❑ Keep in mind we are the Department of Agriculture and Consumer Services.
- ❑ Our services touch **every** resident of this state.
- ❑ We do a lot for farmers, but also for other citizens (and passers through).





# Organization

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- ❑ Commissioner
- ❑ 1 Chief Deputy & 4 Assistant Commissioners who oversee 20 divisions, each with specific responsibilities.
- ❑ The department is organized into agricultural services, consumer protection, administration, N.C. Forest Service, and policy and legal affairs.
- ❑ Department is a melting pot of veterinarians, chemists, agronomists, entomologists, accountants, lawyers, agricultural marketers, IT professionals and other specialists.



# Key Initiatives

- ❑ Food Safety
- ❑ Farmland preservation  
(preserve working farms)
- ❑ Policy presence for NC  
agriculture
- ❑ Promoting NC agricultural  
products & NC agribusiness
- ❑ Educating the non-farming  
public



# NCD&CS Divisions

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- Agricultural Statistics
- Agronomic Services
- Budget & Finance
- Emergency Programs
- Environmental Programs
- Food Distribution
- Food and Drug Protection
- Human Resources Office
- Marketing
- Meat and Poultry Inspection
- N.C. Forest Service
- N.C. State Fair
- Plant Industry
- Property and Construction
- Public Affairs
- Research Stations
- Soil and Water Conservation
- Standards
- Structural Pest Control & Pesticides
- Veterinary



# Agricultural Statistics

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- ❑ Cooperative Agreement with USDA
- ❑ Collect statistical data from on-farm and telephone surveys
- ❑ Information collected is strictly confidential and is published in aggregate forms (state and county level) for use by farmers, economists, the general public, and other government agencies.

# Agronomic Services

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- ❑ Nutrient advice to farmers – maximize yield while minimizing inputs (Agronomists)
- ❑ ☐ Also soil, nematode, plant tissue, waste, solution and soilless media samples





# Agronomic Services Division by the Numbers (2011-12)

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Services	
389,903 soil analyses	62,332 advisory reports
36,028 nematode assays	10,728 plant tissue analyses
15,819 waste analyses	2,642 solution analyses
981 soilless media analyses	530 environmental consultations

Education	
24 lab lectures/ tours	15 news releases
9,440 producer consultations with regional agronomists	

Research	
7 technical publications	9 field demonstration projects

# Emergency Programs

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- ❑ Work with agricultural industry to reduce the risks of:
  - Animal disease outbreak
  - Intentional or unintentional attacks on food supply or agriculture infrastructure
- ❑ Develop resource response plans in the event of an attack or outbreak



# Food Distribution

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- ❑ Delivers USDA food products to schools
- ❑ Runs our own “Farm to School” program
- ❑ Promote NC agriculture on trucks



# Food & Drug Protection

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- ❑ Food safety issues
- ❑ Test prepackaged, ready to eat foods
- ❑ Test produce for chemical residues
- ❑ Monitor retail food establishments for food safety related concerns







# Marketing

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- ❑ Develops markets for new and value-added products
- ❑ Promotes NC commodities
- ❑ Technical assistance for business planning
- ❑ International Marketing
- ❑ Reports farm market prices

# Marketing (continued)

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- ❑ Farmers Markets:  
Raleigh, Greensboro,  
Asheville, Charlotte
- ❑ Got to Be NC and  
Goodness Grows
- ❑ Mountain State Fair
- ❑ Got to Be NC  
Festival



# Meat and Poultry Inspection

- ❑ Work in meat and poultry processing plants to ensure the safety and wholesomeness of the finished product
- ❑ In 2011:
  - 68 State Inspected Establishments, 95 Federally Inspected Establishments, 19 Custom Exempt Establishments:
    - ❑ 260,500,000 pounds of red meat
    - ❑ 82,200,000 pounds of poultry.
  - Slaughter inspection was performed on more than:
    - ❑ 162,980 cattle
    - ❑ 1,216 calves
    - ❑ 472,880 swine
    - ❑ 8,601 sheep
    - ❑ 11,115 goats
    - ❑ 155 ostrich
    - ❑ 84 bison



# North Carolina Forest Service

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## **Our Mission**

To protect, manage and promote forest resources for the citizens of North Carolina.







# North Carolina Forest Service

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## Did you know:

- North Carolina's forests cover 18.6 million acres, or 60 percent of the state's land area.
- In 2008, the wood products industry had about 2,562 companies employing 82,780 people, a payroll of \$3.1 billion, and shipping products valued at \$18.3 billion.
- The forestry sector contributes more than \$6 billion to the state's gross product, and provides more than \$28 billion in economic benefit.







# North Carolina Forest Service

Every year, North Carolina has an average of 4,200 forest fires that burn 23,000 acres.



## Forest Protection



## North Carolina Forest Service



The division's forest management activities provide a wide range of assistance to the public, including forest establishment assistance, intermediate stand management practices and proper harvesting methods.

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## Forest Management



# North Carolina State Fair

- ❑ The final attendance for the 2012 fair was more than **965,000** people!
- ❑ Our mission is to showcase and promote the state's agriculture, agribusiness, arts, crafts and culture through the annual agricultural fair.







# Plant Industry Division

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- ❑ Runs programs to prevent the introduction of harmful pests and noxious weeds
- ❑ Protect endangered or threatened plant species or beneficial organisms
- ❑ Check seeds and fertilizer to ensure viability and nutrient guarantees

# Property and Construction

- ❑ Capital Improvements - Advance Planning, Owning Agency Representation, Project Management, Project Design
- ❑ Real Property – Acquisitions and Disposition of Real Property
- ❑ Engineering Design/Consultation for Agribusiness
- ❑ Department's liaison with State Construction Office and State Property Office
- ❑ State Energy Mandates
- ❑ State Fire Insurance Fund – Manages departments coverage and claims
- ❑ Office for Historically Underutilized Business participation reporting







## Property and Construction (continued)

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- ❑ The Property and Construction Division provides support to all of the Department's divisions in the areas of property and construction therefore assisting their programs to better serve the agricultural industry and consumers in the State of North Carolina.
- ❑ The department has **1,371 buildings** and **78,000 acres** of property in **206 locations** in **all 100 counties** statewide.

# Public Affairs

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- Press Conferences
- Media Advisories
- Constituent Calls
- Speechwriters
- State Fair and other Event Publicity
- Media Training
- Publishes the *Agricultural Review*





# Research Stations

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- ❑ Operate 18 Research Stations across NC in partnership with N.C. State University and N.C. A&T State University
- ❑ Drive changes and improvements in agricultural production

# Soil & Water Conservation

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- ❑ Partners with the state's 96 Soil & Water Conservation Districts, the USDA Natural Resources Conservation Service, local governments and others to deliver voluntary, incentive-based programs and services to landowners to improve water quality and natural resource management on private working lands
- ❑ Administers a range of assistance programs including the Agriculture Cost Share Program, the Ag Water Resources Assistance Program (AgWRAP), the Conservation Reserve Enhancement Program (CREP) and the Community Conservation Assistance Program (CCAP).



# Standards Division

- ❑ Check accuracy of price scanner systems and commercial scales in retail establishments and business production
- ❑ Checks accuracy of gas pumps and other motor fuel devices for distribution and for octane level
- ❑ Check accuracy of grain moisture meters across the state
- ❑ Inspects LP-gas and anhydrous ammonia installations for compliance
- ❑ Issue penalties to those not in compliance





# Structural Pest & Pesticide Division

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- ❑ Regulates the pest control industry; polices the termite police
- ❑ Licenses commercial and non-commercial pest control operators and pesticide applicators



# Veterinary Division

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- ❑ Focused on disease diagnosis and prevention to ensure healthy livestock population
- ❑ Conducts routine testing and surveillance
- ❑ Responds to animal disease outbreaks to limit spread and scope of problem
- ❑ Manages NCFarmID program



# Contact Us!

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Visit our website at <http://www.ncagr.gov/> to find our contact information

