



NATIONAL				NATIONAL		
RANK		COMMODITY	RANK		COMMODITY	
•	26	Tot. Value, Agric Products	•	5	Onions	
			•	5	Horses	
•	2	Pumpkins	•	5	Ducks	
•	2	Apples	•	7	Cucumbers	
•	2	Maple syrup	•	7	All floriculture	
•	3	Cabbage	•	7	Christmas tree	
•	3	Corn silage	•	8	Strawberries	
•	3	Cauliflower	•	9	Oats	
•	3	Grapes	•	11	Tomatoes	
•	4	Dairy products	•	11	Potatoes	
•	4	Tart cherries	•	15	Aquaculture	
•	4	Pears	•	17	Grain corn	
•	4	Squash	•	20	Eggs	
•	4	Snap beans	•	22	Soybeans	
•	4	Sweet corn	•	26	Hay	
•	5	All fresh vegetables		27	Wheat	

























Review the Iroquois Village web site www.nysm.nysed.gov/IroquoisVillage/

# **Early Agriculture**

- The Dutch appreciated the fertile land, good climate, ample water (without the drainage problem) and the forest resources; limited their farms to areas close to the shore and along the Hudson.
- The English learned techniques from the Iroquois and introduced European plants and domesticated animals to the New York Colony.
- The Americans replaced corn as the main field crop with grains (wheat/oats/barley/filax/hemp).

# **Early Agriculture**

NYS become the granary of the new USA (early 1800s). However on the farm:

> - quality of cattle was poor – no selective breeding; little food in winter; minimal grazing in summer – they were lean and provided little milk.

- **pigs were widespread**, self-sufficient and an important food source.

- sheep were kept in small numbers mainly for wool.

- chickens were kept for their eggs.
- apples were the chief fruit used as both a food and beverage.

## **19th Century Agriculture**

- After 1825, the Erie Canal shifted population inland; enabled speedier movement of harvests to market and supplies back to the farm.
- The ample NYS harvests and the reduced price of food fed the cities of the mid-1800s.
- By the <u>late 1800s</u>, the US agricultural heartland had moved to the Midwest.
- NYS farms were now at a <u>disadvantage</u>.

Quality of location changes with time!!

# 20<sup>th</sup> Century Agriculture

Throughout the 20<sup>th</sup> century, NYS agriculture continued to decline and farms were abandoned or sold to developers.

- Suburbanization invaded the farmland that surrounded the cities (especially around NYC after WWII).
- Remaining farms grew in size and became specialized.
- Their focus was on providing the cities with fresh fruits, vegetables, dairy, and most recently, with sod and horticultural plants.
- In spite of this, NYS today is a high ranking agricultural state in certain products.

## **Trends in Agriculture**

- Today (2010 data) farmland including pastures, occupies about 24% of the state (down from 49% in 1954).
- Number of farms is about 36,600 (down from 104,000 in 1954).
  Average size of a farm has increased to 197 acres/farm (up from 150 acres /farm in 1954).
- During the 20<sup>th</sup> century, farms in less fertile areas near cities tend to be overpriced.
   Farm owners face property value hardships, esp. with
  - tax rates (actual use vs. potential use).
  - Farms near populated areas  $\underline{tend}$  to be regulated for noise, smell, dust and water pollution issues.

## **Trends in Agriculture**

Agricultural potential depends on a combination of **physical factors** as climate, soil, slope, water supply and **market factors** as unit price, the distance to market, and the demand for product

#### Larger farms are less expensive to run.

- Mechanization cuts the cost of labor.
- Scientific farming increases yields.
- Crops are tailored to the existing climate, water and soil conditions.















