

Broome County, New York

# Agricultural Economic Development Plan

(Agricultural and Farmland Protection Plan)



**Broome County Agricultural  
and Farmland Protection Board**

Shepstone Management Company  
Cornell Cooperative Extension of Broome County  
Broome County Department of Planning and Economic Development

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### **Table of Contents**

	<u>Page</u>
<b>1.0 Introduction - Why Farming Is Important to Broome County</b>	<b>1-1</b>
<b>2.0 Agricultural Inventory</b>	<b>2-1</b>
2.1 Natural Resources for Agriculture	2-1
2.2 Agricultural Land and Districts	2-7
2-3 Land Use and Development Trends	2-11
2-4 The Economics of Broome County Agriculture	2-13
2.5 Relationship to Other Planning	2-19
2-6 Agricultural Industry Trends	2-21
2-7 The Forestry Sector	2-24
2-8 Marketable Comparative Advantages	2-32
<b>3.0 Agricultural Goals and Objectives</b>	<b>3-1</b>
<b>4.0 Action Plan - Major Initiatives</b>	<b>4-1</b>
4.1 Added Value Enterprise Initiative	4-1
4.2 Direct Marketing Initiative	4-4
4.3 Agricultural Tourism Initiative	4-7
4.4 Forest Management Initiative	4-9
4.5 Agricultural Planning Initiative	4-11
4.6 Agricultural Awareness Initiative	4-14

### **Appendices:**

- Public Hearing Comments on Draft Goals
- Agricultural Planning Guidelines
- Agricultural Survey Results
- Sample Right to Farm Law

# **Broome County, New York**

## **Agricultural Economic Development Plan**

---

### **1.0 Why Agriculture Works for Broome County - The Top 10 Reasons**

Farming is much more than a starting point on the development scale. It represents a fundamental economic opportunity that also pays dividends in cultural, environmental and social gains for Broome County. Consider the following:

#### **1.1 Farming represents a \$99,158,000 business investment in Broome County.**

Farming in Broome County involves some 511 business locations, both large and small, that generated sales of \$24,016,000 in 1997. According to the U.S. Census of Agriculture for 1997, the average value of land, buildings and equipment used in these businesses was \$194,046 for a total investment in the Broome County economy of approximately \$99,158,000, the equivalent, from an economic development standpoint, of several major manufacturing facilities. Market values averaged \$154,623 for land and buildings and \$39,423 in machinery and equipment. It must also be noted the Census of Agriculture, for those categories the Department of Agriculture and Markets also surveys on an annual basis, has under counted both farms and sales so the numbers are undoubtedly even higher.

#### **1.2 Farming provides year-round business for other Broome County enterprises.**

Agriculture is much more than farming. A substantial number of non-agricultural businesses supply the needs of farmers. These include processors, vehicle and equipment dealers and other enterprises. Broome County farmers, for example, own and must maintain and replace 394 mower/conditioners, 401 balers, 649 trucks, 1,248 tractors and numerous other pieces of farm equipment and machinery. They also, according to the Census of Agriculture, purchase \$660,000 of electricity, \$876,000 of petroleum products, \$1,430,000 in repairs and maintenance, \$1,460,000 of property taxes, \$2,007,000 of hired farm labor, \$5,047,000 of feed and approximately \$6,686,000 of other products and services from Broome County and other nearby enterprises, many of which would not be considered farm supply businesses (e.g. insurance and auto businesses).

#### **1.3 Income from agriculture goes further than other sectors in helping the economy.**

Agriculture produces much higher economic multipliers than any other sector of the Broome County economy. A report entitled "Economic Multipliers and the New York State Economy," (Policy Issues in Rural Land Use, Cornell Cooperative Extension, December 1996) indicates dairy production, for example, enjoys a 2.29 income multiplier compared to 1.66 for construction, 1.48 for services, 1.41 for manufacturing and 1.40 for

# **Broome County, New York**

## **Agricultural Economic Development Plan**

---

retail and wholesale trade. Crops produce a multiplier of 2.28 and nursery and wood products yield 1.78 times sales. Applying these multipliers indicates agriculture represents a total contribution to the economy of approximately \$55,000,000, not including forestry enterprises, many of which take place on farms and all of which are part of agriculture.

### **1.4 Agricultural opportunities can actually increase with development of an area.**

While development can, obviously, create conflicts for farmers, the leading agricultural county in New York is Suffolk County. It is home to 1.3 million people and one of the most highly developed suburban environments in the nation, suggesting not only that farming and urbanization can co-exist, but also that the local demand for agricultural products increases with the latter and raises the value of farming as an economic enterprise. Broome County's own experience demonstrates this.

The County has not been experiencing growth but there has been development outward from Binghamton and its existence as an urban center has opened opportunities for diversification and specialization not nearly as far along in many of the rural areas of the State. Farming will, therefore, become ever more important to the County as it continues to develop in the future, whatever the pace. This is particularly true for fruit and vegetable growers that depend so much on direct marketing and the rapidly developing nursery industry in the County (sales up 163% over 1987).

### **1.5 Farms lower taxes.**

Farms are tax winners despite preferential assessments afforded by the Ag District Law. A 1995 study of nearby Tompkins County found "agricultural .. uses should be recognized as beneficial because they do not demand a large amount of services and provide other benefits such as employment." Data from the Costs of Community Services Study, Tompkins County by Cornell Cooperative Extension of Tompkins County, in fact, indicate agriculture typically produces \$1.00 in tax revenue for every 15¢ to 40¢ of town and school expenditures it generates, whereas residential development costs \$1.09 to \$1.56 per \$1.00 of taxes gathered. A similar analysis from the Schoharie County Agricultural Development and Farmland Protection Plan, 2000 indicated agriculture produced \$1.09 to \$2.06 in tax revenue for every \$1.00 of municipal and school costs created.

These results are consistent with those of a number of other similar studies by American Farmland Trust, Cornell Cooperative Extension, and Commonwealth Research Group, Inc. of communities in Dutchess and Oneida Counties in New York and various other Connecticut and New England areas.

# **Broome County, New York**

## **Agricultural Economic Development Plan**

---

### **1.6 Farms create rural character and attract tourism.**

Farms contribute to Broome County's rural character and protect open spaces essential to the quality of life for both permanent and seasonal residents. Any number of surveys of rural residents and second-home dwellers indicate the primary reasons people live in such areas have to do with their appreciation of the natural resources and open spaces offered, but the anecdotal evidence is perhaps even stronger and local tourism brochures provide examples. They include references not only to the County's recreational opportunities but also its "scenic beauty." They also speak of the "quiet valleys," "enchanting villages" and "quiet country settings" throughout the County as attractive features for visitors.

These facets are directly created by working farm landscapes in many instances. They help support some 217 bed and breakfast rooms offered throughout the County. There is, indeed, a direct relationship between farming and the attractiveness of Broome County as a place to both live and visit.

### **1.7 Successful farming limits suburban sprawl.**

Preserving farmland discourages expensive suburban sprawl, steering development toward hamlets and villages with existing services. "Gasoline taxes and other user fees only cover about 70% of the direct cash costs of building and maintaining the nation's road system," according to a April 27, 1998 article on sprawl entitled "Who Pays for Sprawl?," in U.S. News and World Report. Hook-up fees for sewer systems within areas of sprawl often cover less than half the real costs of those extensions. These differences are attributable to the high costs of servicing development spread out along highways and the deficits must be made up by all taxpayers.

### **1.8 Farms and forests preserve natural environments.**

Farms and forests provide working self-sustaining landscapes which preserve and enhance environmental quality. Use of New York City watershed lands in the West-of-Hudson region of New York State (including adjoining Delaware County) for largely farm and forestry uses have, for example, allowed Federal water drinking quality criteria for filtration avoidance to be met. The suburbanized Croton and other East-of-Hudson area watersheds, by contrast, cannot meet these same standards and demand extraordinarily expensive filtering processes to produce potable drinking water.

Forest land, which is a part of nearly every farm, "may reduce sediment, nutrient and other pollutant loadings by as much as 85% by minimizing soil erosion and filtering watershed runoff" according to a Watershed Agricultural Council publication. A recent study of land

# **Broome County, New York**

## **Agricultural Economic Development Plan**

---

use and water quality along 100 Wisconsin streams also found that "watersheds with more than 20% of land in urban use had very poor biological diversity," according to an American Farmland Trust article in Land Works Connection. This is increasingly important as environmental requirements tighten.

### **1.9 Farms and forests support wildlife and sport hunting.**

Farms support wildlife such as deer, turkeys and small-game and thereby sustain hunting as a source of tourism to the area. The New York State Department of Environmental Conservation reports that the 1997 white-tail deer harvest was, in fact, some 3,027 deer with the largest takes being in Vestal, Windsor and Colesville, respectively. The 1996 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation estimated that \$154,450,000 in retail sales and \$575,535,000 in total economic output was generated for New York State as a result of deer hunting. This equals \$712 and \$2,654, respectively, for each deer harvested, yielding a \$8,034,000 deer hunting economy for Broome County.

### **1.10 Farmland is an invaluable resource for future generations.**

Farmland is a valuable future resource for the County in providing for a healthy and plentiful local supply of food products and generating new sources of farm income. Urban residents of the County, as well as visitors, are seeking locally grown fresh fruits, vegetables and flowers, both organic and non-organic. A local organic pork producer also markets products over the Internet. The presence of five operating farmers markets (Binghamton, Deposit, Endicott, Johnson City and Vestal) in the County demonstrates just how important this activity is.

Likewise, the County's base of both small and mid-sized farms provides a foundation for exploring of new opportunities for added-value ventures and development of still more niche businesses. These resources offer tremendous economic potential for the future and, once again, Suffolk County provides an illustration. Its agricultural economy has been reinvented several times with urbanization but today yields well over \$167,000,000 in annual sales and its lead as New York's most valuable agricultural producer is lengthening because of the shift to these higher valued products.