



NEW JERSEY

Annual Report & Agricultural Statistics



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Our Mission:



To promote and provide high quality, nutritious, abundant, safe and affordable food and other agricultural products; improve the economic viability of the agricultural industry and foster opportunities for farm profitability; preserve and protect agricultural and natural resources; and provide leadership and excellence in services to New Jersey agriculture and the general public.

A Message From Secretary Douglas H. Fisher



This year's reporting shows a substantial increase in agricultural NASS gross sales in the Garden State, up 7.4 percent to \$1.12 billion – the highest on record. This is a testament to our hard-working, innovative farmers.

Regardless of what comes our way because of weather, market conditions, resources availability or regulatory forces, New Jersey farmers continue to thrive in a state thirsting for fresh and local offerings.

Just as there are every year challenges that pop up, both expectedly and unexpectedly, that test our fortitude, our farmers' extraordinary talents helped them to overcome such weather events as frost, drought and a hurricane in 2012.

We have had many accomplishments this past year, including providing expanded services in our new Animal Health and Plant Industry laboratory; reaching 200,000 permanently preserved acres; expanding the Jersey Grown program to include annual bedding plants; facilitating healthier school meal options; and so many more outlined in the pages ahead.

While we have accomplished much, we look forward to continuing to provide the highest level of service to our agriculture community and every New Jersey resident in the coming year, as we focus on supporting our farmers, who produce the finest, premier crops and livestock in the country.



2012-2013 New Jersey State Board of Agriculture



James Giamarese
President
Middlesex County
Vegetable Industry



Dr. Lewis J. DeEugenio Jr.
Vice President
Gloucester County
Fruit Industry

The State Board of Agriculture, comprising eight members, is the policy-making body of the New Jersey Department of Agriculture. Its members serve for four years, with two members being replaced each year. By law, at least four of its members must represent the top commodity groups in the state. Members serve without salary.



Hugh McKittrick
Board Member
Monmouth County
Nursery Industry



Francisco Allende
Board Member
Burlington County
Fruit Industry



Robert Swanekamp
Board Member
Monmouth County
Nursery Industry



Richard A. Norz
Board Member
Somerset County
Hay/Grain Industry



Martin Bullock
Board Member
Monmouth County
Hay/Grain Industry



Marilyn Russo
Board Member
Burlington County
Vegetable Industry



Board President James Giamarese addresses Deputy USDA Secretary Kathleen Merrigan at a farmers' roundtable in Monroe Township in October 2012.



Board member Hugh McKittrick with Secretary Fisher celebrating the 100th anniversary of Delicious Orchards in Colts Neck in January 2012

Learn more about the State Board of Agriculture at:
www.nj.gov/agriculture/about/sba/

2012 Highlights

Welcomed Governor Christie to the 2012 NJ State Agricultural Convention: The Department opened the year with its annual state agricultural convention and the support of New Jersey Governor Chris Christie. He addressed the convention delegates and guests at the annual Delegates Dinner on January 19.

Facilitated Lt. Governor Agribusiness Tour: A great supporter of New Jersey agriculture, Lt. Governor Kim Guadagno embarked on an eight-stop Agribusiness Tour in August, to highlight the importance of the industry to the state's economy. Lt. Governor Guadagno, along with Secretary Fisher, visited First Field in Rocky Hill; Comarco Products in Camden; Griggstown Quail Farm in Franklin Township; Chia Sin Farms in Pittstown; Seabrook Brothers and Sons in Upper Deerfield; and Readington River Buffalo Farm in Readington. Assistant Secretary Al Murray joined the Lt. Governor at Viking Village in Barnegat Light to showcase the vibrant commercial fishing industry in the state. Guadagno also visited Tomasello Winery in Hammonton for insight on the state's growing wine industry.

Moved to New Laboratory Facilities: After several years of construction, the Department's Animal Health Diagnostic and Plant Industry Laboratories moved to a new state-of-the-art facility in West Trenton. The Divisions of Animal Health and Plant Industry also relocated their offices there. The new facility has given the Department labs many more capabilities to serve New Jersey.

Hosted USDA Officials: Secretary Fisher joined USDA Deputy Secretary of Agriculture Kathleen Merrigan in October when she stopped by Etsch Farms in Monroe Township to speak with local farmers. Merrigan gathered information about the farmers' concerns to bring back to Washington. In May, USDA Food and Nutrition Service Administrator Audrey Rowe Regional Food and Nutrition Service Administrator Patricia Dombroski and Secretary Fisher visited first-graders at John G. Whittier Elementary School in Camden to see the Fresh Fruit and Vegetable Program in action. Rowe is the nation's top official for school nutrition programs. In January, USDA Under Secretary of Agriculture Michael Scuse addressed the state agricultural convention on the many efforts USDA is making to streamline the crop insurance process, improve and expand coverage, and, in the case of disaster, to expedite payment of claims.



Conducted Emergency Response Activities:

Hurricane Sandy -- As Hurricane Sandy bore down on New Jersey, the Department swung into action, immediately setting up a web page with vital information and issuing basic preparedness steps to protect livestock and pets. Animal-friendly shelters and livestock sheltering locations were identified. Social media was used, as well to disseminate the information. The Department's website experienced a 27 percent increase in hits over the previous October and a 21 percent increase in hits over the previous November. The Department responded to farmer requests for water and power sources and delivered emergency food to food banks to provide meals at congregate feeding sites. Working with USDA, additional household emergency food was provided. The Department worked with its partners to assess the type of damage sustained by farmers and fishermen and compiled information to help get those producers on the road to recovery.

March Freeze -- The Department worked with the state Environmental Commissioner to allow farmers to conduct controlled open burning or use specialized torches to protect flowering crops from being damaged when temperatures fell below freezing on March 26 and 27. The freeze came following a period of higher than normal temperatures, causing fruit trees and bushes to bloom early. While there were losses, the quick action helped to save some crops.

NJDA Emergency Response Team -- Acknowledging the Department plays a pivotal role in emergency management in New Jersey during storms and disasters, an NJDA Emergency Response Team was created and trained in 2012. Made up of employee volunteers, the group was trained to staff the state's Emergency Operations Center in West Trenton, which proved helpful when the center was activated in October prior to Hurricane Sandy. Team members staffed the center around the clock for the critical period before, during and after the storm and helped coordinate response and relief efforts.

Division of Agricultural and Natural Resources

Began Utilizing Aquaculture Development Zones:

Secretary Fisher and Department of Environmental Protection officials visited an oyster production area in the Delaware Bay in September, made possible by a joint effort of the Departments of Agriculture and Environmental Protection. The oyster production by private businesses is taking place in Aquaculture Development Zone – 4. The expanded utilization of Aquaculture Development Zones (ADZ) was a key recommendation in the Aquaculture Development Plan Update, *Opportunities and Potential for Aquaculture in New Jersey*, released by the Department of Agriculture and the state Aquaculture Advisory Council in December 2011. Four Aquaculture Development Zones were established six years ago but have not been in use until recently, due to uncertainty over permitting. Through the commitment of the Department of Environmental Protection's Bureau of Shellfisheries and the New Jersey Shellfisheries Council, much of the regulatory uncertainty has been removed. ADZ-4 expands the oyster production techniques that produce gourmet oysters for the half-shell raw bar market. Twelve individuals have secured leases and are currently in production in ADZ-4. ADZ-4 alone could double New Jersey's current aquaculture production value of \$6.6 million over the next two years.

Amended Technical Standards: The Technical Standards for the Soil Erosion & Sediment Control Program were modified in accordance with recent changes made to the law calling for technical amendments to the Standards to improve the quality of soils on newly proposed development sites across New Jersey. Changes included specific requirements for soil organic matter content and maximum bulk density of soils prior to stabilization with vegetation. Other changes to the Standards, unrelated to changes required by the law, include general edits and clarifications, reorganization, and improved methods to stabilize water channels on steep slopes, and specific methods to establish native vegetation in the New Jersey Pinelands National Reserve.

Conducted Outreach Campaign on Animal Waste Management: An outreach effort was conducted to again alert animal operations about the March deadline for developing and implementing animal waste management plans as required by the Animal Waste Management Rules. A poster was distributed and displayed along with a descriptive flyer and the electronic CD for plan development at various agricultural offices and business outlets. Animal Waste Management/Non-Point Source Pollution Control Grants were offered to organizations to assist in the outreach and education effort. A grant was awarded to Rutgers Cooperative Extension of Salem County

The Division of Agricultural and Natural Resources is responsible for a variety of services and programs that maintain and enhance the viability of New Jersey agriculture and related agribusinesses. It provides interagency coordination and assistance in the development of policy positions on land use planning issues and represents the Department on the State Planning Commission and its subcommittees. It is fully engaged in the Highlands Regional Master Plan process. It administers programs to conserve soil, water and related natural resources through the State Soil Conservation Committee and the 15 local soil conservation districts and provides and oversees the administration of financial cost-share assistance to farmers for soil and water conservation projects. The Division works cooperatively with state and federal agencies in the development of the aquaculture industry in New Jersey and administers the Agricultural Education Program, which reaches more than 2,500 students throughout the state.

for a Precision Feed Management Plan for the dairy and livestock industry and to North Jersey Resource Conservation and Development Council to facilitate the establishment of a regional on-farm composting facility for equine owners.

Hosted Chinese Agricultural Education Delegation:

Secretary Fisher and the Department greeted 20 agricultural educators visiting from China in December to learn more about Garden State agriculture and agricultural education. Their tour included stops at high schools and post-secondary schools and visits with Rutgers agricultural extension agents across the state. The program was established to exchange information between educators and could lead to a future student exchange program.

Held New Jersey Envirothon: For the third year in a row, the Marine Academy of Technology and Environmental Sciences (MATES) in Manahawkin was the winner of the New Jersey Envirothon, held May 5 in Farmingdale. The students competed against 32 other teams on knowledge of natural resources-related topics, including soils, forestry, aquatics, wildlife ecology and a current environmental issue. Each of the MATES team members received \$1,000 scholarships from the New Jersey Association of Conservation Districts. The team went on to represent New Jersey in the 2012 Canon Envirothon at Susquehanna University in PA in July, placing 8th out of 54 teams.

Established Stormwater Detention Basin Database:

The Department and Soil Conservation Districts (SCDs) received a \$280,000 grant to help fund the input of almost 20 years of engineering data into a new web-based system developed to store and retrieve detailed hydrologic engineering data from previous and new development projects. The data can be used for modeling and water resources analysis. Department, NJDEP and SCD's participated in a half-day training session at Rutgers University on the use of the web-based database for storing hydrologic data associated with stormwater management structures.

Division of Animal Health

Responded to Animal Needs in Hurricane Sandy:

Before the hurricane arrived in New Jersey, the Department issued preparedness information for livestock and pet owners and facilitated a conference call with the County Animal Response Teams as the Offices of Emergency Management activated them to assist with pet sheltering for evacuees. Following the storm, daily conference calls were held with the animal emergency first responders, allowing the Department to address their needs, arrange for sharing of resources between counties and provide support. When it was apparent that there were many pets left behind in the storm, the Department facilitated the establishment of a pet rescue hotline, which enabled the rescue of between 400 and 600 animals. About 1,000 animals were sheltered during the storm, mostly through volunteer workers.



Expanded Testing Capability with Move to New Laboratory Facility:

The Division and Animal Health Diagnostic Laboratory (AHDL) moved from Trenton to the new New Jersey Public Health, Environmental, and Agricultural Laboratories (NJPEAL) facility in Ewing on March 27. The move has enabled the AHDL to expand its services. Some new capabilities include: a state-of-the-art necropsy lab; specialized laboratory space to handle select agents, dangerous pathogens, and highly toxic chemicals, increasing the lab's capacity to respond to high consequential animal diseases like avian influenza, foot-and-mouth-disease and classical swine fever; and research space to discover next generation tests and reagents to fight emerging diseases. More than 27,000 tests were performed by the NJ AHDL during the 2012 calendar year.

The Division of Animal Health governs programs protecting the health and well-being of livestock, ensure the safety and security of the commercial food supply, national and international trade and the economy. It operates an animal health diagnostic laboratory to support animal disease-control programs protecting animals and NJ agriculture. During disasters, the DAH represents the Department as the NJ Emergency Support Function #11 Lead for animal, agriculture, and food. The Division is active in disaster preparedness and response, including efforts of the Animal Emergency Working Group to develop animal emergency response plans. Ongoing issues include implementing the Humane Standards for care of livestock, surveillance and response to the potential of an Avian Influenza outbreak, as well as other diseases impacting cattle, horses, sheep, goats, pigs, poultry, aquaculture, and other animals raised for fiber and fur.

Embarked on Study of Animal Emergency First Response:

A County Animal Response Team (CART) Development Working Group in May hired a company to conduct a study to evaluate the readiness levels of the CARTs and create a template for developing a CART in New Jersey. The group used a federal homeland security grant to start the process for the study to help standardize procedures and forms to better equip CARTs to assist those in other counties, allow for regionalization and increase the state's capabilities in terms of animal emergency response. The company will draft suggested wording to modify the law providing for CARTs to reflect those changes. It also will take into account the practical knowledge gained during the Hurricane Sandy response when drafting its materials.

Responded to Increase in EEE and WNV Occurrences:

The Department urged horse owners to vaccinate their animals against the mosquito-borne diseases of Eastern Equine Encephalitis (EEE) and West Nile Virus (WNV) after six horses contracted EEE and four horses were confirmed for West Nile Virus. EEE causes inflammation of the brain tissue and has a significantly higher risk of death in horses than West Nile Virus infection. West Nile virus is a viral disease that affects horses' neurological systems. The disease is transmitted by mosquito bite. In 2011, there was one case each of EEE and WNV.

Trained Animal Emergency First Responders:

The 14th annual Animal Emergency Working Group Symposium was held in March during which County Animal Response Teams reviewed their activities during Hurricane Irene and subsequent flooding. Several CARTs were activated during the storm, helping to evacuate livestock and pets, setting up emergency shelters, giving guidance to owners and responding to power outages. The personnel also were trained on setting up a mobile pet shelter.

Division of Food and Nutrition

Provided Emergency Food During Hurricane Sandy Response: Emergency food inventories were prepared for release as Hurricane Sandy pummeled New Jersey at the end of October. This USDA food was used by Community Food Bank of New Jersey in Hillside to prepare 15,000 meals per day for 5 days at congregate feeding sites. In addition, the Department received seven truckloads of USDA foods for household distribution in mid-November. The foods were assembled into 6,000 nutritionally-balanced packages to feed families of three for 6 days and were distributed to households in Bergen, Essex, Hudson, Union, Somerset, Middlesex, Monmouth, Ocean, Atlantic and Cape May counties.

Facilitated Healthier School Meal Options: The Division assisted schools in the implementation of Healthy Hunger-Free Kids Act school lunch regulations, which required more fruits and vegetables and whole grains, fat-free or low-fat milk, fat-free flavored milk and strict limits on saturated fat and portion size. The Division certified schools to receive an additional 6-cents-per-meal reimbursement. Secretary Fisher, USDA Food and Nutrition Service Regional Administrator Patricia Dombroski and Division Director Rose Tricario attended new meal tastings at schools in Secaucus and Montclair.

Received Direct Certification Grant: New Jersey was one of four states awarded a USDA grant to increase enrollment in the National School Lunch and Breakfast Programs. The \$206,857 was targeted at improving the Direct Certification system, in which students from households already participating in the Supplemental Nutrition Assistance Program (SNAP) are automatically enrolled in the free meals program at their schools without having to fill out additional applications.

Distributed Additional Hunger Funding: The Department in November presented the state's six food banks with \$58,223, the first distribution of the Community Food Pantry Fund, representing two years of contributions through a state income tax form check-off program. The funds are to be used only for emergency food purchases. The Department joined with the N.J. Department of Community Affairs to announce in September the awarding of \$225,610 in Community Services Block Grant (CSBG) funding to the six major food banks in the state. The grants helped the food banks better distribute and store donated food, including Jersey Fresh fruits and vegetables, so that more individuals in need could be served.

Awarded Gleaning Grants: The Department awarded a \$100,000 Gleaning Support Grant in December to Farmers Against Hunger, which serves 7,000 people weekly during the growing season through 70 organizations, including

The Division of Food and Nutrition operates programs providing millions of pounds of federally donated food annually to schools, institutions, summer camps, day care centers and those most in need. The Division administers the federal School Lunch and Breakfast Programs and works with the Department of Defense to provide nutritious fresh fruits and vegetables to schools. The Division administers a School Nutrition/Wellness Policy, which sets nutritional standards. Ongoing issues include administering increased food-purchase funding and working with gleaning organizations to serve hundreds of food pantries, homeless shelters and soup kitchens throughout New Jersey.

soup kitchens, food pantries and the state's food banks. Farmers Against Hunger will use the grant money for transportation and administrative costs to deliver more gleaned or farmer-donated produce. The funding for the grants comes from the State Food Purchase Program, for which Governor Christie allocated \$6.8 million dollar this year to be distributed quarterly to the state's six food banks to purchase healthy food, with a high priority on buying locally grown produce from New Jersey farmers.

Received Team Nutrition Training Grant: The Department received a \$324,151 USDA Team Nutrition Training Grant in September that will be used to plant school gardens, help students make healthier food choices and train personnel on a variety of wellness issues. The Department will work with Rutgers Cooperative Extension's Department of Family and Community Health Sciences on the two-year grant project, continuing the mission of a similar Team Nutrition Training Grant received in 2010. However, the most recent grant will include child care centers, as well as elementary schools. Up to 16 sites will be chosen to participate in the project.

Advanced Farm to School Efforts: The second annual Jersey Fresh Farm to School Week was held in September, during which the first School Garden of the Year Award was given to Eugene A. Tighe Middle School and William H. Ross Elementary School in Margate City. The first Jersey Fresh Farm to School calendar was created for 2013. In addition, the Department received \$3.89 million in federal funding for the 2012-13 Fresh Fruit and Vegetable Program, which emphasizes Jersey Fresh purchases for the 155 participating schools.

Promoted Summer Food Service Program: The Department released a video to promote the Summer Food Service Program, which had 98 sponsoring organizations with 1,100 feeding sites around the state in 2012. A kick-off event was held in Perth Amboy in July.

Kicked off Seventh Year of Eat Right, Move More Program with NY Jets: Secretary Fisher and Jets Offensive Tackle D'Brickashaw Ferguson visited grand prize winner West New York P.S #4 in November. Four other winning schools will receive visits from Jets players in the spring.

Division of Marketing and Development

Awarded Specialty Crop Block Grants: Thirteen initiatives were awarded \$816,127 in Specialty Crop Block Grants for 2013 by the U.S. Department of Agriculture. Projects will benefit the fruit, vegetable, horticulture and nursery industries. Specialty crops account for \$882.4 million in sales annually in the Garden State. The N.J. Department of Agriculture will use a portion of the funding to support the popular Jersey Fresh and Jersey Grown programs. A majority of the projects include agricultural marketing and cooperative development, as well as research.

Partnered with NJDOT on Agritourism Sign Program: The Department teamed up with the N.J. Department of Transportation to promote the use of Tourist Oriented Destination Signs by agritourism operations. The two agencies worked together to tailor the program to the needs of agritourism in an effort to help those businesses build their base of regular customers and attract a higher number of tourists. The new regulations allow agritourism businesses to place signs on state highways up to 10 miles from their location, and the operations can be several turns off of those roadways if there is a chain of signage leading to the facilities. The businesses must be open a minimum of six hours each day, five days a week during their growing or operating season. There is an annual fee of \$400 for each sign.

Added New Farmers Markets: The number of community farmers markets rose to 155 in 2012, up from just 35 in 2001. The markets could be found in cities and suburbs, bringing Jersey Fresh produce to those who might not have access to it otherwise. There were 224 farmers participating in the WIC and Senior Farmers Market Nutrition Program, accepting vouchers for produce. Some farmers also were able to take Supplemental Nutrition Assistance Program (SNAP) electronic benefit transfer cards as payment.

Expanded Jersey Grown Program to Include Annual Bedding Plants:



The Department expanded the Jersey Grown horticultural promotion program to include annual bedding plants if they are grown in New Jersey and meet or exceed the Department's standards. Jersey Grown indicates a high-quality product that is disease and pest-free and accustomed to the state's growing conditions. Floriculture is big business in New Jersey, accounting for \$179.6 million in sales in 2011. Bedding and garden plants were the largest contributor, bringing in \$107.7 million in revenue. New

The Division of Marketing and Development administers inspection programs for eggs, milk, fresh fruits and vegetables, and other items, including feed and fertilizer. It oversees the Jersey Fresh quality grading and promotion campaign for fruits and vegetables, as well as the Jersey Grown program for ornamental plants, the Jersey Seafood program for fish and shellfish, and the Jersey Bred program for equine. The Division also works to develop regional, national, and international markets for agricultural products. Helps organize and support urban Community Farmers Markets, bringing fresh produce to downtowns and shortening the market chain between producers and consumers. It protects farmers through the licensing and bonding program, administers the state's dairy program, administers the Sires Stakes horse-racing program, and works to promote pleasure horse breeding programs.

Jersey ranked seventh in the nation in expanded wholesale value of floriculture crops.

FSMIP Grant: The Department received a \$62,713 grant to continue work begun on a project to make processed food out of Jersey Fresh agricultural products for use in the National School Lunch and Breakfast program. Some products have already been developed and the Federal-State Marketing Improvement Program grant will help bring the products to market.

Promoted NJ Seafood Industry Through Seafood Cook-off: Eight New Jersey seafood chefs participated in the 2012 Jersey Seafood Challenge at the Governor's mansion, Drumthwacket, on June 21. Demetrios Haronis, Executive Chef of Fin at the Tropicana Casino Hotel in Atlantic City, was the winner for his signature dish that featured Jersey beer-battered soft-shell crab. As the champion, Haronis represented New Jersey at the Great American Seafood Cook-off in New Orleans in August, placing fourth. For the past five years, New Jersey chefs have finished in the top six in the nation in that competition.

Informed Consumers NJ Wineries Shipping for Holiday Season: Governor Christie signed into law in January a bill permitting direct shipping by New Jersey wineries, joining 38 other states in the nation that allow small wineries to mail their products to customers. New Jersey has 45 licensed wineries and 25 have begun shipping within New Jersey and into other states. Many others are gearing up for direct shipping in 2013.

Celebrated the NJ Equine Industry during the Month of the Horse: The Department kicked off the Month of the Horse in June with a visit to Rutgers Equine Science Center in New Brunswick to highlight the many resources the center offers and all the unique equine activities and facilities in the state – from horse racing and breeding to show competitions or trail riding. The state's equine industry is valued at \$4 billion and generates \$1.1 billion in positive impact to the state's economy.

Division of Plant Industry

Moved to New Jersey Public Health, Environmental and Agriculture Laboratory: In 2012, the Division moved to the newly constructed NJPHEAL, located within the State Police Headquarters Complex in Ewing. State-of-the-art microscopes produce detailed images of plant, seed, and insect specimens. With these images, the Department can rapidly collaborate with experts all over the world to identify specimens and diagnose problems more accurately than ever before. Updated analytical equipment can evaluate animal feed, fertilizers, and liming materials to ensure accurate labeling, or for the presence of possible harmful toxins. The laboratory also includes various growth chambers, seed germinators and a greenhouse to support analysis and evaluation of seed quality, and the detection and identification of crop and ornamental plant pests and diseases. The flexible design of the laboratory allows for easy configuration to meet future testing needs in support of the state's agricultural industries.

Collaborated with NJDEP on State's Mosquito Control Efforts: In June, the Department joined with the N.J. Department of Environmental Protection to showcase the second year the NJDA's Phillip Alampi Beneficial Insect Rearing Laboratory bred *Macrocyclus albidus*, commonly known as copepods, for use in the DEP's Mosquito Control Program. Secretary Fisher helped release the tiny, shrimp-like crustaceans with a hearty appetite for mosquito larvae into a waterway in Cape May County. A total of 80,000 of the mosquito predators were reared in 2012 at PABIL and released over the course of the season in Morris, Passaic, Bergen, Cape May, Burlington and Ocean counties. This effort is important to agriculture because mosquito-borne diseases such as Eastern Equine Encephalitis and West Nile Virus can be deadly to horses.

Promoted Local Honey by Visiting Jersey City Hotel Rooftop Hives: In the Department's ongoing effort to encourage urban beekeeping and the purchase of local honey, Secretary Fisher in April visited two beehives with 36,000 bees placed on the roof of the Hyatt Regency Hotel in Jersey City. The hives, courtesy of beekeeper Joe Lelinho of Hilltop Honey, North Caldwell, were part of the hotel's initiative to incorporate local honey into the menus at their on-site restaurant, Vu.

Invasive Pest Public Service Announcement: The Division produced a public service message that was distributed to radio stations throughout the state enlisting the help of residents in identifying tree-killing invasive

The Division of Plant Industry provides disease and pest protection for food and ornamental crops, forests and other plant resources through detection, control and eradication. It also works to enhance marketability of New Jersey-grown plant products, through annual inspections of nurseries and plant dealers. The Division also operates the Alampi Beneficial Insect Laboratory, where insects are bred to control pests and diseases without the use of pesticides. Ongoing major issues include the effort to eradicate the Asian longhorned beetle, continuing to suppress the gypsy moth population and ensuring sufficient honeybee colonies for plant and crop pollination.

forest pests. The PSA, which focused on Asian longhorned beetle and Emerald Ash Borer, aired at a time when those damaging pests would have been active in New Jersey.

Continued Gypsy Moth Suppression Efforts: No Gypsy Moth Aerial Spray Program was necessary in 2012. Surveys in late 2011 showed no areas with a high enough concentration of gypsy moth populations to qualify for the program. Tree defoliation in 2012 was very low, with only 1,068 acres of trees in 21 municipalities in 10 counties receiving moderate to heavy damage from the leaf-munching invasive pests -- the lowest recorded defoliation since the Department's Gypsy Moth Suppression Program began in 1970. Tree damage was found in Atlantic, Burlington, Cape May, Gloucester, Hunterdon, Monmouth, Ocean, Salem, Sussex and Warren counties. The most damage seen was in Mullica Township in Atlantic County, which had 344 acres of mostly moderate defoliation. Fighting the gypsy moth problem in a multitude of ways and partnering with the NJDEP, counties, municipalities and the military bases led to the lowest populations of the damaging insect in the 42-year history of the program. Intense surveillance will continue.

Conducted Extensive Invasive Pest Survey: No Emerald Ash Borers were detected in New Jersey during the 2012 survey in 11 counties around the state. The Department, along with the NJDEP and USDA APHIS, deployed 389 traps. EAB has been detected very close to the Garden State's borders in Pennsylvania and New York. The elusive pest can kill ash trees within two years of infestation.

Conducted Honey Bee Survey: The apiary program was selected to participate in the National Honey Bee Survey. Sampling took place at 25 New Jersey Apiaries for the USDA. This survey was conducted in 25 states to determine the presence of pests, viruses and diseases and to give policy makers and researchers a good idea as to the health of the beekeeping industry. It also will give participating beekeepers a profile and national ranking of the health of their apiaries.

State Agriculture Development Committee

Marked New Farmland Preservation Milestone: The State Farmland Preservation Program in September reached a major milestone with the preservation of the 200,000th acre of farmland under the program. The State Agriculture Development Committee (SADC) hosted an event at Cassaday Farms in Upper Pittsgrove Township, Salem County, where Secretary Fisher joined farmland preservation partners from across the state to announce the achievement. A total of 2,146 farms covering 201,000 acres had been permanently preserved by year's end, including 89 farms covering nearly 12,000 acres in the Pinelands and 450 farms covering approximately 37,000 acres in the Highlands.

Preserved Former Princeton Nurseries: The SADC in August closed on the preservation of 847 acres of farmland on the former Princeton Nurseries property in Central New Jersey as part of one of the largest joint preservation projects in the history of the Farmland Preservation and Green Acres programs. The project, which also included county, local and nonprofit participation, resulted in the preservation of nearly 1,900 acres in Monmouth, Burlington and Mercer counties for open space and farmland preservation purposes.

Legislature Authorized New Funding: The SADC's FY2013 appropriation request for \$83.1 million to continue farmland preservation efforts was approved by the Garden State Preservation Trust in November, and the Legislature passed appropriations bills in December. The bills – awaiting the Governor's signature in early 2013 – will utilize the remaining 2009 bond funds that had been approved by voters for farmland preservation purposes.

Advanced Renewable Energy Rules: The SADC in September proposed new rules for solar energy generation on preserved farms pursuant to N.J.S.A. 4:1C-32.4. That law required the SADC to develop rules that address both solar and wind energy generation on preserved farms, and right-to-farm protection for solar and wind energy generation systems on commercial farms. The SADC is expected to adopt final rules for solar energy on preserved farms in early 2013. The SADC in 2011 had adopted an agricultural management practice (AMP) for solar energy generation that established standards for right-to-farm protection. The Committee is expected to approve additional rule proposals in early 2013 for wind energy generation as it relates to both preserved farms and right-to-farm protection.

Expanded Planning for Preservation: By year's end, a total of 18 counties and 46 municipalities had developed

The State Agriculture Development Committee (SADC) administers the state Farmland Preservation Program and promotes innovative approaches to maintaining the viability of agriculture. It administers New Jersey's Right to Farm program, which administers the Right to Farm Act that protects responsible commercial farms from restrictive municipal ordinances and public and private nuisance actions; staffs the Transfer of Development Rights Bank that works to promote and advance the implementation of TDR statewide; and operates a Farm Link Program to assist farmers in locating land and other resources.

comprehensive farmland preservation plans that enable them to participate in the SADC's County and Municipal Planning Incentive Grant (PIG) Programs. The plans identify short- and long-term farmland preservation goals as well as strategies to sustain agriculture as an industry. Altogether, the plans seek to preserve approximately 216,000 acres over a 10-year period at a total cost of \$2.5 billion.

Drafted On-Farm Direct Marketing AMP: The SADC in December reviewed a final draft agricultural management practice (AMP) for direct-marketing facilities, activities and events. The SADC expects to consider it as a formal rule proposal in January. The AMP was developed by an SADC working group that included farmers and representatives of New Jersey Farm Bureau, Rutgers University, county agriculture development boards and the planning community. It clarifies terms in the Right to Farm Act and establishes performance-based standards that commercial farms must meet to be eligible for right-to-farm protection for retail farm markets and for various agriculture-related educational and farm-based recreational activities and events.

Reorganized SADC Staff: The SADC realigned staff to foster better coordination in acquisition efforts and to place an increased focus on stewardship activities. Three regional acquisition coordinators were appointed to work more closely with county and local farmland preservation staff and landowners, and a new real estate assistant was hired to handle closing transactions. A new Chief of Agricultural Resources was hired to oversee stewardship and Right-to-Farm efforts and enable the SADC to increase its focus on promoting agricultural viability.

Received Superior Court Ruling on Soil Destruction: In a significant victory for the state's farmland preservation efforts, a Superior Court judge in August found that a Hunterdon County commercial plant grower is liable for major soil disturbance and destruction on a preserved farm. The judge found in favor of the SADC, judge ruling the treatment of the land violated the Agriculture Retention and Development Act and the farmland preservation deed restrictions.

New Jersey Agriculture At a Glance



Aquaculture

Angelfish
Bluegill
Brook trout
Brown trout
Comet
Discus
Eastern oysters
Fathead minnow
Hybrid striped bass
Koi
Largemouth bass
Mummichog
Northern quahog
Rainbow trout
Tilapia
Triploid grass carp
White sucker
Yellow perch
Various ornamental plants

Christmas Trees

Canaan fir
Frasier fir
Concolor fir
Norway spruce
Blue spruce
White pine
Scotch pine

Field Crops

Barley
Corn
Hay
Potatoes
Soybeans
Sweet Potatoes
Winter Wheat

Floriculture/Nursery

Aquatic Plants
Bedding/Garden Plants
Bulbs
Chrysanthemums
Foliage
Geraniums
Hostas
Impatiens
Lilies
Marigolds
New Guinea Impatiens
Pansies
Petunias
Poinsettias
Potted Plants
Shrubs
Sod
Trees

Fruit

Apples
Blackberries
Blueberries
Cantaloupe
Cranberries
Nectarines
Peaches
Rasberries
Sour cherries
Strawberries
Watermelon

Herbs

Arugula
Basil
Cilantro
Dill
Marjoram
Methi
Mint
Oregano
Parsley
Sage
Tarragon
Thyme

Livestock/Poultry

Alpaca
Bees
Bison
Cattle
Chickens
Cows, beef and milk
Deer
Donkeys
Ducks
Elk
Emus
Geese
Goats, meat and milk
Horses
Llamas
Mules
Ostriches
Pheasants
Pigeons
Pigs
Rabbits
Quail
Sheep
Turkeys

Specialty Products

Asian Fruits and Vegetables
Baby Arugula
Baby Spinach
Chestnuts
Corn Stalks
Cut Flowers
Garlic
Grapes and Wines

Hay
Honey
Indian Corn
Maple Syrup
Mums
Popcorn
Shell Eggs
Straw
Tomatillos

Vegetables

Asparagus
Beans, green, pole and snap
Beets
Bok Choy
Basil
Broccoli Raab
Cabbage, red, green, Chinese, Savoy
Cauliflower
Celery
Collards
Corn, sweet
Cucumbers
Dandelion Greens
Eggplant
Eggplant, Sicilian
Escarole
Fennel
Horseradish root
Kale
Kohlrabi
Leeks
Lettuces
Mustard greens
Okra
Onions
Parsnips
Peas
Peppers
Pickles
Potatoes
Pumpkins
Radishes
Rhubarb
Rutabaga
Shallots
Spinach
Squash
Sweet Potatoes
Swiss Chard
Tomatoes
Turnips
Turnip Greens

NEW JERSEY AGRICULTURAL STATISTICS 2012

Issued Cooperatively by

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United States Department of Agriculture
National Agricultural Statistics Service
New Jersey Field Office
Cooperating with New Jersey Department of Agriculture



It is a pleasure to present to you the 2012 edition of the New Jersey Agriculture Annual Report. This publication is a cooperative effort between the USDA – National Agricultural Statistics Service’s New Jersey Field Office (USDA–NASS, NJ FO) and the New Jersey Department of Agriculture.

The Annual Report is published each year to meet the diverse needs for a reliable reference book on agricultural production, prices, farm income, and various other economic data within the State. The estimates for crops, floriculture, livestock, and vegetables are prepared mainly to give timely current State totals and averages.

The data in this publication was made possible only by the voluntary cooperation of the New Jersey farmers and agribusinesses who responded to our surveys. We believe that the best source of agricultural data is from producers and agribusinesses. We would like to extend thanks to all those individuals who make New Jersey agricultural statistics data available to everyone.

Thanks to the office staff and enumerators for their dedication in providing our State with high quality agricultural statistics. The staff of USDA–NASS, NJ FO is dedicated to serving the agricultural needs of all users. Please contact us at any time with your questions, comments, and requests for information.

Sincerely,

A handwritten signature in black ink that reads "John Gibbons". The signature is written in a cursive, flowing style.

John Gibbons, Director

New Jersey: Field Crops, Weights, Measures, and Conversion Factors

Crop and Unit	Approximate Net Weight	
	lbs	kgs
Corn:		
Ear, Husked Bushel	70	31.8
Shelled Bushel	56	25.4
Hay Square Bale	40-50	18.2-22.7
Oats Bushel	32	14.5
Potatoes Sack	100	45.4
Rye Bushel	56	25.4
Soybeans Bushel	60	27.2
Sweet Potatoes Box	25	11.4
Wheat Bushel	60	27.2

New Jersey: Vegetables, Fruit, and Berries, Unit of Sale, Average Weight, and Number of Packages Used in Converting to Carlot Equivalents

Crop and Unit of Sale	Average Weight Per Unit	Package Per Carlot Equivalent	
	Pounds	Units	Cwt
Vegetables			
Asparagus Crate, 12 bunches	28	1,050	294
Beets, topped Bushel	50	700	350
Broccoli Crate, 12-14 bunches	21	900	189
Cabbage Crate or sack	50	600	300
Carrots, topped Bushel	50	1,000	500
Cauliflower Crate	50	400	200
Celery Crate, 3-4 dozen	60	600	360
Cucumber Bushel	55	700	385
Eggplant 1 1 / 9 bushel crate	33	750	248
Escarole & Endive 1 1 / 9 bushel crate	25	850	213
Lettuce, Head Crate, 24 heads	50	825	413
Onions, dry Sack	50	800	400
Peppers, Bell Bushel	28	850	238
Snap Beans Bushel	30	850	255
Spinach Bushel	25	850	213
Sweet Corn Crate, 50 ears	42	725	305
Tomatoes Carton	25	2,000	500
Fruit and Berries			
Apples Bushels or carton	42	900	378
Blueberries Flat, 12 pints	11	1,400	154
Cranberries Barrel	100	---	---
Peaches 1 / 2 bushel or carton	25	900	342

Source: Fruit and Vegetable Market News Service, AMS, US Department of Agriculture.

Rank of New Jersey Counties for Selected Items, 2011

Item	1	2	3	4	5
Field Crop Production					
Corn for Grain	Warren	Salem	Hunterdon	Burlington	Cumberland
Alfalfa Hay	Warren	Gloucester	Sussex	Monmouth	(5)
Soybeans for beans	Salem	Burlington	Cumberland	Gloucester	Monmouth
Wheat for Grain	Salem	Cumberland	Burlington	Hunterdon	Monmouth
Fruit and Berry Production					
Apple	Gloucester	Hunterdon ²	Sussex ²	Burlington ³	Warren ³
Blueberry	Atlantic	Burlington	---	---	---
Cranberry	Burlington	Ocean	Atlantic	---	---
Peach	Gloucester	Cumberland	Salem	Camden	Burlington
Certified Nurseries					
Number of nurseries	Cumberland	Monmouth	Burlington	Gloucester	Hunterdon
Nursery stock acreage	Cumberland	Monmouth	Burlington	Gloucester	Hunterdon
Livestock and Products					
Milk production	Salem	Sussex	Warren	---	---
Number of Cattle and Calves ⁴	Salem ¹	Warren ¹	Sussex	Hunterdon	Gloucester
Number of Milk Cows ⁴	Warren	Salem	Sussex	---	---

--- Other counties not published to avoid disclosure of individual operations.

¹ Tied for first.

² Tied for second.

³ Tied for third.

⁴ Reference date January 1, 2010.

⁵ Hunterdon and Cumberland tied for fifth.

Rank of States for Selected Items, 2011

Item	1	2	3	4	5
Total Crop Production					
Blueberries	Michigan	Oregon	Georgia	NEW JERSEY	Washington
Cranberries	Wisconsin	Massachusetts	NEW JERSEY	Oregon	Washington
Peaches, freestone	California	South Carolina	Georgia	NEW JERSEY	Pennsylvania
Peppers, bell	California	Florida	Georgia	NEW JERSEY	Ohio

Record Highs and Lows in New Jersey Agriculture: Field Crops, by Acreage, Yield, and Production ¹

Field Crops and Unit	Year Estimates Started	Record	Acreage		Yield		Production	
			Harvested	Year	Per Acre	Year	Total	Year
Corn for Grain Bu	1919	High	234,000	1919	143	2009	12,870,000	1981
		Low	52,000	1972	28	1955	2,220,000	1999
Corn for Silage Ton	1919	High	71,000	1957	20	2004	672,000	1976
		Low	8,000	2011	6	1999	124,000	2010
All Hay Ton	1909	High	391,000	1909	2.85	1992	605,000	1910
		Low	105,000	2011	1.07	1923	203,000	2010
Alfalfa Hay Ton	1919	High	109,000	1955	3.9	1992	272,000	1958
		Low	15,000	1921	1.75	1936	32,000	1921
Oats ² Bu	1866	High	155,000	1871	63	1985	4,126,000	1881
		Low	4,000	1988	16	1901	200,000	1988
Potatoes Cwt	1866	High	94,000	1917	285	2000	8,927,000	1922
		Low	1,700	2010	24	1876	342,000	2011
Rye ³ Bu	1866	High	106,000	1879	38	1995	1,073,000	1919
		Low	3,000	1996	8	1870	81,000	1996
Soybeans Bu	1938	High	203,000	1979	42	2009	6,090,000	1979
		Low	3,000	1938	11.8	1944	48,000	1938
Sweet Potatoes Cwt	1868	High	23,000	1909	150	2011	2,125,000	1908
		Low	1,000	1999	35	1883	100,000	1999
All Wheat Bu	1866	High	163,000	1878	61	2008	2,508,000	1871
		Low	22,000	2006	10.5	1885	900,000	1978

¹ In some cases the record high and/or low is identical for more than one year. In such cases, the year shown is the latest year of occurrence.

² All oat estimates discontinued as of 1990.

³ All Rye estimates discontinued as of 2000.

New Jersey: Field Crops, Usual Planting and Harvesting Dates

Crop	Usual Planting Dates			Usual Harvesting Dates		
	Begin	Most Active	End	Begin	Most Active	End
Corn for grain	Apr 15	May 1 - May 20	June 15	Sep 25	Oct 10 - Nov 1	Nov 15
Corn for silage	Apr 15	May 1 - May 20	Jul 1	Aug 30	Sep 10 - Sep 30	Nov 20
Hay, alfalfa	(NA)	(NA)	(NA)	May 15	(NA)	Nov 1
Hay, other	(NA)	(NA)	(NA)	May 10	(NA)	Oct 15
Potatoes, summer .	Apr 20	May 1 - May 20	Jun 1	Jul 10	Jul 20 - Sep 30	Oct 15
Soybeans	May 10	May 20 - Jul 1	Jul 10	Oct 1	Oct 1 - Nov 10	Nov 15
Sweet potatoes	May 10	May 20 - Jun 20	Jul 10	Sep 10	Sep 20 - Nov 10	Nov 20
Wheat, winter	Sep 30	Oct 5 - Oct 20	Nov 1	Jun 25	Jul 1 - Jul 10	Jul 15

(NA) Not available.

Record Highs and Lows in New Jersey Agriculture: Vegetables by Acreage, Yield, and Production ¹

Vegetables and Unit	Year Estimates Started	Record	Acreage		Yield		Production	
			Harvested	Year	Per Acre	Year	Total	Year
Asparagus (fresh) Cwt	1929	High	11,900	1958	40	2006	358,000	1960
		Low	900	2010	13	1976	18,000	1994
Cabbage Cwt	1929	High	7,900	1944	400	2000	1,075,000	1966
		Low	1,400	2011	90	1930	363,000	1995
Cucumber (fresh) Cwt	1929	High	4,000	1935	225	2002	682,000	2004
		Low	1,300	1975	60	1932	142,000	1956
Eggplant Cwt	1929	High	1,700	1946	320	2009	288,000	2009
		Low	700	2003	74	1930	74,000	1933
Escarole & Endive Cwt	1949	High	1,500	1967	200	2011	248,000	1967
		Low	400	1949	130	2003	58,000	1949
Peppers, Bell Cwt	1929	High	9,300	1947	360	2008	1,372,000	1994
		Low	3,100	2008	42	1943	270,000	1929
Pumpkins Cwt	1990	High	2,600	2002	175	1992	385,000	1992
		Low	1,700	2011	70	2002	144,000	2004
Snap Beans (fresh) Cwt	1929	High	15,500	1934	54	2001	566,000	1934
		Low	2,300	2003	24	1991	70,000	2006
Spinach (fresh) Cwt	1929	High	4,300	1936	175	2008	298,000	2006
		Low	880	1973	58	1929	57,000	1971
Sweet Corn (fresh) Cwt	1935	High	23,000	1939	110	2009	1,120,000	1965
		Low	7,000	2011	32	1944	440,000	1999
Tomatoes (fresh) Cwt	1929	High	13,000	1937	230	2004	1,272,000	1935
		Low	2,900	2011	74	1945	406,000	1988

¹ In some cases the record high and/or low is identical for more than one year. In such cases, the year shown is the latest year of occurrence.

Record Highs and Lows in New Jersey Agriculture: Fruit, by Acreage, Yield, and Production ¹

Fruit and Unit	Year Estimates Started	Production		
		Record	Total	Year
Apples Million lbs	1917	High	196.8	1935
		Low	18.7	1921
Blueberries 1,000 lbs	1929	High	62,000	2011
		Low	231	1929
Cranberries 1,000 bbls	1900	High	700	1999
		Low	33	1902
Peaches Tons	1910	High	68,500	1960
		Low	500	1934

¹ In some cases the record high and/or low is identical for more than one year. In such cases, the year shown is the latest year of occurrence.

Record Highs and Lows in New Jersey Agriculture: Livestock and Livestock Products by Number of Head or Unit ¹

Livestock, Products, and Unit	Year Estimates Started	Production		
		Record	Total	Year
Livestock Inventory				
Cattle and Calves Head	1867	High	264,000	1880
		Low	32,000	2011
Chickens (all) ^{2 3} Head	1924	High	16,038,000	1957
		Low	1,220	1983
Hogs and Pigs ² Head	1866	High	258,000	1951
		Low	8,000	2011
Milk Cows Head	1867	High	160,000	1897
		Low	7,500	2011
Sheep ⁴ Head	1920	High	17,000	1955
		Low	6,000	1939
Livestock Products				
Eggs Million eggs	1925	High	2,629	1956
		Low	234	1984
Milk Million lbs	1924	High	1,189	1960
		Low	136	2011
Wool ⁴ 1,000 lbs	1909	High	105	1955
		Low	34	1938

¹ In some cases the record high and/or low is identical for more than one year. In such cases, the year shown is the latest year of occurrence.

² Inventory was as of January 1 until 1957. Starting in 1958, inventory was as of December 1.

³ All chickens excludes meat chickens.

⁴ State estimate for New Jersey discontinued beginning in 1999.

New Jersey: Crop Summary, Field Crops, 2009

Crop and Unit	Acres Harvested	Yield Per Acre	Production	Season Average Price Per Unit	Value of Production	
					Total	Per Acre
			<i>1,000</i>	<i>Dollars</i>	<i>\$1,000</i>	<i>Dollars</i>
Corn for Grain bu	70,000	143	10,010	3.73	37,337	533
Corn for Silage ton	9,000	17.50	158	(¹)	(¹)	(¹)
All Hay ton	110,000	2.11	232	122.00	28,246	257
Alfalfa Hay ton	25,000	2.80	70	142.00	9,940	398
Other Hay ton	85,000	1.90	162	113.00	18,306	215
Potatoes cwt	2,100	260	546	8.90	4,859	2,314
Soybeans for Beans bu	87,000	42	3,654	9.37	34,238	394
Sweet Potatoes cwt	1,200	110	132	29.00	3,828	3,190
Winter Wheat bu	29,000	51	1,479	3.84	5,679	196

¹ Estimate discontinued in 1985.

New Jersey: Crop Summary, Fruit Crops, 2009

Crop and Unit	Acres Harvested	Yield Per Acre	Production ¹	Season Average Price Per Unit	Value of Production	
					Total	Per Acre
			<i>1,000</i>	<i>Dollars</i>	<i>\$1,000</i>	<i>Dollars</i>
Apples lb	2,000	21,500	42,000	0.499	20,951	10,476
Blueberries lb	7,700	6,880	53,000	1.23	65,260	8,475
Cranberries bbl	3,100	179.0	555	56.10	31,136	10,044
Peaches ton	6,200	5.65	33	1,020.00	33,660	5,429

¹ Utilized production for fruit crops.

New Jersey: Crop Summary, Principal Vegetables for Fresh Market, 2009

Crop, Estimate Date, and Unit	Acres Harvested	Yield Per Acre	Production ¹	Season Average Price Per Unit	Value of Production	
					Total	Per Acre
		<i>cwt</i>	<i>1,000 cwt</i>	<i>Dollars/cwt</i>	<i>\$1,000</i>	<i>Dollars</i>
Principle Vegetables for Fresh Market						
Asparagus ¹ Jan-Jun.....cwt	1,000	37	37	97.30	3,600	3,600
Cabbage Jan-Dec.....cwt	1,600	345	552	15.90	8,777	5,486
Collards ¹ Jan-Dec.....cwt	800	165	132	30.90	4,079	5,099
Cucumber ¹ July-Dec.....cwt	3,100	130	403	28.00	11,284	3,640
Eggplant ¹ July-Dec.....cwt	900	320	288	29.00	8,352	9,280
Escarole & Endive ¹ Jan-Dec.....cwt	500	185	93	35.40	3,292	6,584
Herbs ¹ Jan-Dec.....cwt	1,800	150	270	48.70	13,149	7,305
Kale ¹ Jan-Dec.....cwt	400	120	48	34.10	1,637	4,093
Lettuce, All, ¹ Jan-Dec.....cwt	1,800	200	360	38.30	13,788	7,660
Parsley ¹ Jan-Dec.....cwt	700	145	102	44.60	4,549	6,499
Peppers, Bell July-Dec.....cwt	3,200	290	928	33.80	31,366	9,802
Pumpkins ¹ July-Dec.....cwt	2,200	115	253	29.20	7,388	3,358
Snap Beans Jan-Dec.....cwt	2,800	27	78	67.40	5,122	1,829
Spinach Jan-Dec.....cwt	1,500	135	203	43.20	8,770	5,847
Squash, Summer ¹ July-Oct.....cwt	1,900	135	257	33.40	8,584	4,518
Squash, Winter ¹ July-Dec.....cwt	900	75	68	26.70	1,816	2,018
Sweet Corn July-Dec.....cwt	7,100	110	781	29.20	22,805	3,212
Tomatoes July-Dec.....cwt	2,900	220	638	53.20	33,942	11,704
Total - 18 Fresh Market Crops	35,100	---	5,491	---	192,300	5,479
Principal Processing Vegetables						
Processing Total ² 1,000 ton	5,300	---	50.8	164.70	8,366	---
Total	40,400	---	325.4	---	200,666	---

¹ State estimate only.

² Not published separately to avoid disclosing individual operators. Processing vegetables include green peas, snap beans, spinach, sweet corn, and tomatoes. Tomatoes are not in the Federal Estimating Programs, and are in state estimates only.

New Jersey: Crop Summary, Field Crops, 2010

Crop and Unit	Acres Harvested	Yield Per Acre	Production	Season Average Price Per Unit	Value of Production	
					Total	Per Acre
			<i>1,000</i>	<i>Dollars</i>	<i>\$1,000</i>	<i>Dollars</i>
Corn for Grain bu	71,000	114	8,094	6.05	48,969	670
Corn for Silage ton	8,000	15.50	124	(¹)	(¹)	(¹)
All Hay ton	105,000	1.93	203	123.00	24,969	238
Alfalfa Hay ton	20,000	2.90	58	144.00	8,352	418
Other Hay ton	85,000	1.70	145	114.00	16,530	195
Potatoescwt	1,700	230	391	12.20	4,770	2,806
Soybeans for Beans bu	92,000	24	2,208	11.70	25,834	281
Sweet Potatoescwt	1,300	110	143	32.60	4,662	3,586
Winter Wheat bu	23,000	49	1,127	5.04	5,680	247

¹ Estimate discontinued in 1985.

New Jersey: Crop Summary, Fruit Crops, 2010

Crop and Unit	Acres Harvested	Yield Per Acre	Production ¹	Season Average Price Per Unit	Value of Production	
					Total	Per Acre
			<i>1,000</i>	<i>Dollars</i>	<i>\$1,000</i>	<i>Dollars</i>
Apples lb	2,000	21,500	42,000	0.480	20,180	10,090
Blueberries lb	7,500	6,530	49,000	1.28	62,510	8,335
Cranberries bbl	3,100	181.3	562	55.60	31,247	10,097
Peaches ton	6,100	5.9	34	920.00	31,280	5,128

¹ Utilized production for fruit crops.

New Jersey: Crop Summary, Principal Vegetables for Fresh Market, 2010

Crop, Estimate Date, and Unit	Acres Harvested	Yield Per Acre	Production	Season Average Price Per Unit	Value of Production	
					Total	Per Acre
		<i>cwt</i>	<i>1,000 cwt</i>	<i>Dollars/cwt</i>	<i>\$1,000</i>	<i>Dollars</i>
Principle Vegetables for Fresh Market						
Asparagus ¹ Jan-Jun.....cwt	900	42	38	131.70	5,005	5,561
Cabbage Jan-Dec.....cwt	1,700	280	476	14.50	6,902	4,060
Collards ¹ Jan-Dec.....cwt	700	140	98	30.00	2,940	4,200
Cucumber ¹ July-Dec.....cwt	3,200	210	672	23.40	15,725	4,914
Eggplant ¹ July-Dec.....cwt	900	245	221	28.60	6,321	7,023
Escarole & Endive ¹ Jan-Dec.....cwt	500	175	88	29.30	2,578	5,156
Herbs ¹ Jan-Dec.....cwt	1,900	80	152	51.00	7,752	4,080
Kale ¹ Jan-Dec.....cwt	400	100	40	33.90	1,356	3,390
Lettuce, All, ¹ Jan-Dec.....cwt	1,900	210	399	37.40	14,923	7,854
Parsley ¹ Jan-Dec.....cwt	800	180	144	37.10	5,342	6,678
Peppers, Bell July-Dec.....cwt	3,300	325	1,073	31.50	33,800	10,424
Pumpkins ¹ July-Dec.....cwt	2,300	135	311	20.50	6,376	2,772
Snap Beans Jan-Dec.....cwt	2,600	30	78	35.40	2,761	1,062
Spinach Jan-Dec.....cwt	1,400	85	119	45.90	5,462	3,901
Squash, Summer ¹ July-Oct.....cwt	2,100	120	252	29.70	7,484	3,564
Squash, Winter ¹ July-Dec.....cwt	1,000	120	120	23.50	2,820	2,820
Sweet Corn July-Dec.....cwt	7,400	75	555	27.50	15,263	2,063
Tomatoes July-Dec.....cwt	2,900	215	624	51.90	32,386	11,168
Total - 18 market crops	35,900	---	5,460	---	175,196	4,880
Principal Processing Vegetables						
Processing Total ² 1,000 ton	6,100	---	56.3	141.70	7,983	---
Total	42,000	---	329.3	---	183,179	---

¹ State estimate only.

² Not published separately to avoid disclosing individual operators. Processing vegetables include green peas, snap beans, spinach, sweet corn, and tomatoes. Tomatoes are not in the Federal Estimating Programs, and are in state estimates only.

New Jersey: Crop Summary, Field Crops, 2011

Crop and Unit	Acres Harvested	Yield Per Acre	Production ¹	Season Average Price Per Unit	Value of Production	
					Total	Per Acre
			<i>1,000</i>	<i>Dollars</i>	<i>\$1,000</i>	<i>Dollars</i>
Corn for Grain bu	81,000	123	9,963	6.05	66,254	818
Corn for Silage ton	8,000	17.5	140	(2)	(2)	(2)
All Hay ton	105,000	2.15	226	151.00	31,360	298
Alfalfa Hay ton	20,000	3.2	64	176.00	10,624	531
Other Hay ton	85,000	1.9	162	141.00	20,736	244
Potatoes cwt	1,800	190	342	(D)	(D)	(D)
Soybeans for Beans bu	86,000	38	3,534	12.1	37,229	433
Sweet Potatoes cwt	1,300	150	195	29.3	5,714	4,395
Winter Wheat bu	31,000	49	1,519	6.15	9,266	299

¹ Preliminary.

² Estimate discontinued in 1985.

New Jersey: Crop Summary, Fruit Crops, 2011

Crop and Unit	Acres Harvested	Yield Per Acre	Production ¹	Season Average Price Per Unit	Value of Production	
					Total	Per Acre
			<i>1,000</i>	<i>Dollars</i>	<i>\$1,000</i>	<i>Dollars</i>
Apples lb	1,900	18,900	36,000	0.672	23,505	12,371
Blueberries lb	7,700	8,050	62,000	1.530	94,700	12,299
Cranberries bbl	3,000	17,000	51,000	0.510	26,010	8,670
Peaches ton	5,500	11,640	64,000	0.610	36,600	6,655

¹ Utilized production for fruit crops.

New Jersey: Crop Summary, Principal Vegetables for Fresh Market, 2011

Crop, Estimate Date, and Unit	Acres Harvested	Yield Per Acre	Production ¹	Season Average Price Per Unit	Value of Production	
					Total	Per Acre
		<i>cwt</i>	<i>1,000 cwt</i>	<i>Dollars/cwt</i>	<i>\$1,000</i>	<i>Dollars</i>
Principle Vegetables for Fresh Market						
Asparagus ² Jan-Jun.....cwt	1,100	35	39	132.00	5,148	4,680
Cabbage Jan-Dec.....cwt	1,400	375	525	17.60	9,240	6,600
Collards ² Jan-Dec.....cwt	700	145	102	34.20	3,488	4,983
Cucumber ² July-Dec.....cwt	3,100	160	496	31.40	15,754	5,024
Eggplant ² July-Dec.....cwt	900	255	230	37.70	8,671	9,634
Escarole & Endive ² Jan-Dec.....cwt	500	200	100	36.30	3,630	7,260
Herbs ² Jan-Dec.....cwt	2,000	115	230	65.40	15,042	7,521
Kale ² Jan-Dec.....cwt	400	135	54	34.80	1,879	4,698
Lettuce, All, ² Jan-Dec.....cwt	1,500	185	278	42.30	11,759	7,839
Parsley ² Jan-Dec.....cwt	700	145	102	63.90	6,518	9,311
Peppers, Bell July-Dec.....cwt	3,400	305	1,037	29.30	30,384	8,936
Pumpkins ² July-Dec.....cwt	1,700	95	162	54.40	8,813	5,184
Snap Beans Jan-Dec.....cwt	2,700	34	92	55.00	5,060	1,874
Spinach Jan-Dec.....cwt	1,200	155	186	45.00	8,370	6,975
Squash, Summer ² July-Oct.....cwt	1,800	170	306	41.50	12,699	7,055
Squash, Winter ² July-Dec.....cwt	900	110	99	28.00	2,772	3,080
Sweet Corn July-Dec.....cwt	7,000	85	595	26.60	15,827	2,261
Tomatoes July-Dec.....cwt	2,900	210	609	51.70	31,485	10,875
Total - 18 market crops	33,900	---	5,242	---	196,359	5,792
Principal Processing Vegetables						
Processing Total ³ 1,000 ton	5,200	---	49.3	171.20	8,445	---
Total	39,100	---	311.4	---	204,804	---

¹ Preliminary.

² State estimate only.

³ Not published separately to avoid disclosing individual operators. Processing vegetables include green peas, snap beans, spinach, sweet corn, and tomatoes. Tomatoes are not in the Federal Estimating Programs, and are in state estimates only.

After a very mild winter, crop growth and soil temperatures were three to five weeks ahead of normal. Temperatures were above normal across the state for much of April. Most plantings were on hold despite warm temperatures for fear of frost injury. Many localities experienced below normal precipitation the beginning of the month. There were measurable amounts of rainfall towards the end of April. Substantial rainfall the beginning of May helped soil moisture improve. Sunny conditions aided spring plantings in May. Warm weather and timely rains occurred across New Jersey during the month of May. Temperatures were above average through mid-May and near normal the remainder of the month. Corn and early soybean plantings were well underway the beginning of May. Soil temperatures averaged mostly in the mid-60s, encouraging corn emergence the final weeks.

The first cut of dry hay began early-May. Temperatures were variable the month of June. Precipitation was below normal. The lack of rainfall necessitated the use of irrigation during June. Corn and full-season soybean planting were complete by the end of the month. During July, temperatures were above normal with extreme highs in the 100s. Rainfall was below normal for the month across most areas of the state. Farmers irrigated as necessary to mitigate heat stress conditions. Corn began to tassel by mid-July. Corn and soybean crops showed dry-weather related stress in mid-July. Second cuttings of grass and alfalfa hay were underway by the end of July.

Hot weather continued through the month of August. Highs reached mid-90s the beginning of the month. The state received much needed rain during the first half of August. However, severe thunderstorms caused tree damage from hail and high winds. Hail damage was reported for peaches, apples, and tomatoes in some areas. The rains helped soybean and vegetable crops. Irrigation continued in some localities throughout the month. Alfalfa hay second cuttings and other hay third cuttings progressed.

Above normal temperatures continued through the first half of September. Hay cuttings were delayed during frequent and heavy rains during mid-September. Soybeans were setting pods by the beginning of the month, and some early corn was beginning to be combined. The third cut of other hay progressed in localities. Irrigation continued in some fields.

Mild weather and sufficient rainfall prevailed throughout October. Temperatures averaged near normal. The field-corn and soybean harvest progressed throughout October. Hay harvest continued during the month. The fall vegetable harvest was almost complete by mid-October.

Corn: Corn planted for all purposes in 2011 totaled 90,000 acres and 81,000 were harvested for grain. Yield increased 9

bushels to 123 bushels per acre, from the previous year's yield of 114 bushels. The increase in yield raised production by 1.9 million bushels to 9.9 million bushels. Growers received a market year average of \$6.65 per bushel for their grain, an increase of \$0.60 per bushel from 2010's price of \$6.05 per bushel. Total crop value, for corn for grain increased by 35.3 percent from \$48.9 million in 2010 to \$66.3 million in 2011.

Soybeans: Soybean planted and harvested acreages decreased by 6,000 acres to 88,000 acres planted and 86,000 acres harvested in 2011. The soybean yield was up 14 bushels per acre from 2010's yield of 24 bushels per acre to 38 bushels in 2011. Production increased to 3.18 million bushels in 2011, from 2.21 million bushels in 2010. The average price received by growers, at \$11.70 per bushel, was unchanged from the previous year. Total crop value increased by 44.1 percent to \$37.2 million.

Winter wheat: The 35,000 acres planted to winter wheat in 2011 was 7,000 acres more than in 2010. Harvested acreage was at 31,000, an increase of 8,000 acres. The yield at 49 bushels per acre was the same as the previous year. Production at 1.52 million bushels was up 35 percent from 2010. The season average price of \$6.10 per bushel was \$1.06 more than the price in 2010. Total crop value increased by 63.1 percent to \$9.3 million.

Hay: All hay harvested acres was unchanged in 2011 at 105,000 acres. Alfalfa hay and other hay were unchanged at 20,000 and 85,000 acres, respectively. The alfalfa hay yield increased by 10 percent to 3.20 tons per acre. Yield for other hay increased by 12 percent from the previous year, to 1.9 tons per acre. The overall hay yield was 2.15 tons per acre. Alfalfa production was 64,000 tons and other hay production was 162,000 tons; resulting in total hay production of 226,000 tons. The season average price for all hay increased \$16.00 per ton from \$123 in 2010 to \$139.00 per ton in 2011. Overall, the total hay crop value increased by 26.0 percent in 2011, to \$31.4 million.

Potatoes: Planted and harvested acreage totals were down from 2010, at 1,900 and 1,700 acres respectively. The yield was 230 hundredweight per acre, a decrease of 15 hundredweight from 2010. Production was 391,000 hundredweight in 2011, compared with 546,000 hundredweight in 2010.

Sweet Potatoes: Sweet potato planted and harvested acreage remained the same as 2010 at 1,300 acres. The yield was 150 hundredweight per acre, an increase of 40 hundredweight from the previous year. In 2011, production increased by 36 percent, to 195,000 hundredweight. The average price per hundredweight decreased, by \$3.30, to \$29.30 in 2011. The value of production totaled \$5.71 million.

New Jersey: Field Crops, Acreage, Yield, Production, Price, and Value of Production, 2006-2011

Year	Acres		Yield Per Acre ¹	Production ¹	Season Average Price ¹	Value of Production	
	Planted	Harvested				Total	Per Acre
	<i>1,000</i>	<i>1,000</i>		<i>1,000</i>	<i>Dollars</i>	<i>\$1,000</i>	<i>Dollars</i>
Corn for Grain ³							
2006	80	64	129.0	8,256	3.37	27,823	435
2007	95	82	124.0	10,168	4.65	47,281	577
2008	85	74	116.0	8,584	4.15	35,624	481
2009	80	70	143.0	10,010	3.73	37,337	533
2010	80	71	114.0	8,094	6.05	48,969	690
2011 ²	90	81	123.0	9,963	6.65	66,254	818
Corn for Silage							
2006	---	15	17.0	255	---	---	---
2007	---	11	15.0	165	---	---	---
2008	---	10	17.0	170	---	---	---
2009	---	9	17.5	158	---	---	---
2010	---	8	15.5	124	---	---	---
2011 ²	---	8	17.5	140	---	---	---
Alfalfa Hay							
2006	---	25	2.50	63	153.00	9,639	386
2007	---	20	2.70	54	175.00	9,450	473
2008	---	20	2.90	58	176.00	10,208	510
2009	---	25	2.80	70	142.00	9,940	398
2010	---	20	2.90	58	144.00	8,352	418
2011 ²	---	20	3.20	64	176.00	10,624	531
Other Hay							
2006	---	90	1.90	171	123.00	21,033	234
2007	---	95	1.60	152	142.00	21,584	227
2008	---	95	1.90	181	135.00	24,435	257
2009	---	85	1.90	162	113.00	18,306	215
2010	---	85	1.70	145	114.00	16,530	194
2011 ²	---	85	1.90	162	141.00	20,736	244
All Hay							
2006	---	115	2.03	234	131.00	30,672	267
2007	---	115	1.79	206	151.00	31,034	270
2008	---	115	2.08	239	145.00	34,643	301
2009	---	110	2.11	232	122.00	28,246	257
2010	---	105	1.93	203	123.00	24,882	237
2011 ²	---	105	2.15	226	151.00	31,360	299

¹ Yield per acre, production, and season average price of grains in bushels; silage and hay in tons.

² Preliminary.

³ Corn acres planted (first column) is for all purposes including silage and other; remaining columns relate only to corn for grain.

New Jersey: Field Crops, Acreage, Yield, Production, Price, and Value of Production, 2006-2011

Year	Acres		Yield Per Acre ¹	Production ¹	Season Average Price ¹	Value of Production	
	Planted	Harvested				Total	Per Acre
	<i>1,000</i>	<i>1,000</i>		<i>1,000</i>	<i>Dollars</i>	<i>\$1,000</i>	<i>Dollars</i>
Potatoes							
2006	2.5	2.5	240	600	8.70	5,220	2,088
2007	2.4	2.4	265	636	7.20	4,579	1,908
2008	2.0	2.0	230	460	13.10	6,026	3,013
2009	2.1	2.1	260	546	8.90	4,859	2,314
2010	1.9	1.7	230	391	12.20	4,770	2,806
2011 ²	2.0	1.8	190	342	(D)	(D)	(D)
Soybeans							
2006	88	86	35	3,010	6.25	18,813	219
2007	82	80	31	2,480	10.10	25,048	313
2008	92	90	30	2,700	9.75	26,325	293
2009	89	87	42	3,654	9.37	34,238	394
2010	94	92	24	2,208	11.70	25,834	281
2011 ²	88	86	38	3,268	12.10	37,229	433
Sweet Potatoes							
2006	1.2	1.2	135	162	27.70	4,487	3,739
2007	1.2	1.2	100	120	27.40	3,288	2,740
2008	1.2	1.2	125	150	26.90	4,035	3,363
2009	1.2	1.2	110	132	29.00	3,828	3,190
2010	1.3	1.3	110	143	32.60	4,662	3,586
2011 ²	1.3	1.3	150	195	29.30	5,714	4,395
Winter Wheat							
2006	25	22	60	1,320	3.80	5,016	228
2007	31	28	51	1,428	5.80	8,282	296
2008	35	33	61	2,013	6.15	12,380	375
2009	34	29	51	1,479	3.84	5,679	196
2010	28	23	49	1,127	5.04	5,680	247
2011 ²	35	31	49	1,519	6.15	9,266	299

¹ Yield per acre, production, and season average price of potatoes and sweet potatoes in hundredweight; soybeans and wheat in bushels.

² Preliminary.

(D) - Discontinued

New Jersey: Corn Acres Planted for All Purposes, by County, 2006-2011

County	2006	2007	2008	2009	2010	2011 ¹
North District						
Bergen	(²)	(²)	(²)	(²)	(²)	(²)
Essex	(²)	(²)	(²)	(²)	(²)	(²)
Hudson	(²)	(²)	(²)	(²)	(²)	(²)
Hunterdon	6,800	10,700	10,600	9,500	8,400	9,100
Morris	1,200	700	1,300	1,200	(²)	1,300
Passaic	(²)	(²)	(²)	(²)	(²)	(²)
Somerset	3,000	2,800	3,000	2,200	(²)	1,900
Sussex	4,600	3,600	4,500	4,300	4,700	4,900
Union	(²)	(²)	(²)	(²)	(²)	(²)
Warren	19,600	19,200	19,000	18,400	19,200	21,400
Other counties	---	---	---	---	3,600	---
Central District						
Burlington	7,200	9,700	7,400	7,500	7,500	8,300
Mercer	3,200	4,100	3,200	3,100	2,600	4,300
Middlesex	(²)	(²)	3,900	3,900	3,100	4,000
Monmouth	2,000	(²)	(²)	2,000	(²)	1,800
Ocean	(²)	(²)	(²)	500	(²)	700
Other counties	3,600	2,700	2,600	---	2,100	---
South District						
Atlantic	(²)	(²)	(²)	(²)	(²)	(²)
Camden	(²)	(²)	(²)	(²)	(²)	(²)
Cape May	(²)	(²)	(²)	(²)	(²)	(²)
Cumberland	5,100	8,300	5,800	5,100	5,200	5,500
Gloucester	4,000	3,600	3,500	3,300	4,000	5,000
Salem	19,100	23,700	19,100	17,900	18,500	20,900
Other counties	600	1,000	1,100	1,100	1,100	900
Total	80,000	95,000	85,000	80,000	80,000	90,000

¹ Preliminary.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

New Jersey: Corn, Harvested Acreage for Grain, by County, 2006-2011

County	2006	2007	2008	2009	2010	2011 ¹
North District						
Bergen	(²)	(²)	(²)	(²)	(²)	(²)
Essex	(²)	(²)	(²)	(²)	(²)	(²)
Hudson	(²)	(²)	(²)	(²)	(²)	(²)
Hunterdon	5,700	9,200	9,900	8,200	7,700	8,800
Morris	1,000	600	1,200	1,000	(²)	1,200
Passaic	(²)	(²)	(²)	(²)	(²)	(²)
Somerset	2,200	2,400	2,700	1,900	(²)	1,700
Sussex	2,600	3,100	3,700	3,300	3,000	3,500
Union	(²)	(²)	(²)	(²)	(²)	(²)
Warren	14,600	16,600	15,900	16,500	17,400	19,500
Other counties	---	---	---	---	3,100	---
Central District						
Burlington	6,500	8,400	6,800	7,200	7,100	8,200
Mercer	2,900	3,500	2,900	2,700	2,400	3,800
Middlesex	(²)	² 4,300	3,500	3,600	2,800	3,900
Monmouth	1,600	(²)	(²)	1,800	(²)	1,700
Ocean	(²)	(²)	(²)	400	(²)	500
Other counties	3,400	2,300	2,400	---	1,800	---
South District						
Atlantic	(²)	(²)	(²)	(²)	(²)	(²)
Camden	(²)	(²)	(²)	(²)	(²)	(²)
Cape May	(²)	(²)	(²)	(²)	(²)	(²)
Cumberland	4,100	7,100	5,000	4,400	4,700	4,600
Gloucester	2,800	3,100	2,900	2,400	3,000	4,200
Salem	16,100	20,500	16,200	15,700	17,100	18,700
Other counties	500	900	900	900	900	700
Total	64,000	82,000	74,000	70,000	71,000	81,000

¹ Preliminary.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

New Jersey: Corn for Grain, Yield per Acre, by County, 2006-2011 ³

County	2006	2007	2008	2009	2010	2011 ¹
North District						
Bergen	(²)	(²)	(²)	(²)	(²)	(²)
Essex	(²)	(²)	(²)	(²)	(²)	(²)
Hudson	(²)	(²)	(²)	(²)	(²)	(²)
Hunterdon	134	156	126	135	116	123
Morris	98	137	120	130	(²)	107
Passaic	(²)	(²)	(²)	(²)	(²)	(²)
Somerset	86	109	104	120	(²)	86
Sussex	126	131	128	120	102	123
Union	(²)	(²)	(²)	(²)	(²)	(²)
Warren	134	145	133	145	141	126
Other counties	---	---	---	---	78	---
Central District						
Burlington	114	111	105	129	72	103
Mercer	129	141	126	131	82	122
Middlesex	(²)	173	116	135	82	128
Monmouth	110	(²)	(²)	133	(²)	125
Ocean	(²)	(²)	(²)	105	(²)	88
Other counties	128	107	103	---	69	---
South District						
Atlantic	(²)	(²)	(²)	(²)	(²)	(²)
Camden	(²)	(²)	(²)	(²)	(²)	(²)
Cape May	(²)	(²)	(²)	(²)	(²)	(²)
Cumberland	126	85	120	153	125	130
Gloucester	123	74	62	144	78	134
Salem	142	110	110	164	132	131
Other counties	95	80	33	126	62	67
Total	129	124	116	143	114	123

¹ Preliminary.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

³ Yields are rounded to nearest whole bushel.

New Jersey: Corn for Grain, Production, by County, 2006-2011 ³

County	2006	2007	2008	2009	2010	2011 ¹
North District						
Bergen	(²)	(²)	(²)	(²)	(²)	(²)
Essex	(²)	(²)	(²)	(²)	(²)	(²)
Hudson	(²)	(²)	(²)	(²)	(²)	(²)
Hunterdon	763,800	1,435,200	1,247,400	1,107,000	893,000	1,082,000
Morris	98,000	82,200	144,000	130,000	(²)	128,000
Passaic	(²)	(²)	(²)	(²)	(²)	(²)
Somerset	189,200	261,600	280,800	228,000	(²)	146,000
Sussex	327,600	406,100	473,600	396,000	306,000	431,000
Union	(²)	(²)	(²)	(²)	(²)	(²)
Warren	1,956,400	2,407,000	2,114,700	2,392,500	2,453,000	2,459,000
Other counties	---	---	---	---	243,000	---
Central District						
Burlington	741,000	932,400	714,000	928,800	511,000	846,000
Mercer	374,100	493,500	365,400	353,700	197,000	462,000
Middlesex	(²)	743,900	406,000	486,000	230,000	500,000
Monmouth	176,000	(²)	(²)	239,400	(²)	212,000
Ocean	(²)	(²)	(²)	42,000	(²)	44,000
Other counties	435,200	246,500	247,000	---	125,000	---
South District						
Atlantic	(²)	(²)	(²)	(²)	(²)	(²)
Camden	(²)	(²)	(²)	(²)	(²)	(²)
Cape May	(²)	(²)	(²)	(²)	(²)	(²)
Cumberland	516,600	603,500	600,000	673,200	589,000	598,000
Gloucester	344,400	229,400	179,800	345,600	234,000	563,000
Salem	2,286,200	2,255,000	1,782,000	2,574,800	2,257,000	2,445,000
Other counties	47,500	71,700	29,300	113,000	56,000	47,000
Total	8,256,000	10,168,000	8,584,000	10,010,000	8,094,000	9,963,000

¹ Preliminary.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

³ Production reported in bushels.

New Jersey: Soybeans for Beans, Harvested Acreage, by County, 2006-2011

County	2006	2007	2008	2009	2010	2011
North District						
Bergen	(²)	(²)	(²)	(²)	(²)	(²)
Essex	(²)	(²)	(²)	(²)	(²)	(²)
Hudson	(²)	(²)	(²)	(²)	(²)	(²)
Hunterdon	5,000	4,400	4,800	4,200	5,300	4,900
Morris	(²)	(²)	(²)	(²)	(²)	(²)
Passaic	(²)	(²)	(²)	(²)	(²)	(²)
Somerset	1,200	1,300	(²)	(²)	(²)	(²)
Sussex	(²)	(²)	(²)	(²)	(²)	(²)
Union	(²)	(²)	(²)	(²)	(²)	(²)
Warren	5,200	5,400	5,100	5,100	6,200	4,900
Other counties	200	200	2,100	1,700	2,400	2,800
Central District						
Burlington	20,300	18,600	21,300	19,600	22,500	20,500
Mercer	5,500	4,000	5,300	5,000	4,900	4,950
Middlesex	(²)	(²)	(²)	(²)	(²)	(²)
Monmouth	4,400	5,100	5,300	5,400	5,600	6,000
Ocean	(²)	(²)	(²)	(²)	(²)	(²)
Other counties	5,200	4,000	4,200	4,700	3,800	2,950
South District						
Atlantic	(²)	(²)	(²)	(²)	(²)	(²)
Camden	(²)	(²)	(²)	(²)	(²)	(²)
Cape May	(²)	(²)	(²)	(²)	(²)	(²)
Cumberland	9,600	10,600	9,200	8,200	9,600	9,500
Gloucester	7,900	5,500	7,900	8,300	(²)	7,500
Salem	21,100	20,500	24,100	24,400	23,500	21,400
Other counties	400	400	700	400	8,200	600
Total	86,000	80,000	90,000	87,000	92,000	86,000

¹ Included in other counties.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

New Jersey: Soybeans for Beans, Yield Per Acre, by County, 2006-2011 ¹

County	2006	2007	2008	2009	2010	2011
North District						
Bergen	(²)	(²)	(²)	(²)	(²)	(²)
Essex	(²)	(²)	(²)	(²)	(²)	(²)
Hudson	(²)	(²)	(²)	(²)	(²)	(²)
Hunterdon	42	37	34	41	30	40
Morris	(²)	(²)	(²)	(²)	(²)	(²)
Passaic	(²)	(²)	(²)	(²)	(²)	(²)
Somerset	40	43	(²)	(²)	(²)	(²)
Sussex	(²)	(²)	(²)	(²)	(²)	(²)
Union	(²)	(²)	(²)	(²)	(²)	(²)
Warren	45	47	42	44	44	45
Other counties	39	46	32	40	19	32
Central District						
Burlington	36	33	31	39	20	35
Mercer	36	41	29	39	16	36
Middlesex	(²)	(²)	(²)	(²)	(²)	(²)
Monmouth	35	35	27	41	18	40
Ocean	(²)	(²)	(²)	(²)	(²)	(²)
Other counties	35	41	35	43	17	40
South District						
Atlantic	(²)	(²)	(²)	(²)	(²)	(²)
Camden	(²)	(²)	(²)	(²)	(²)	(²)
Cape May	(²)	(²)	(²)	(²)	(²)	(²)
Cumberland	32	18	22	41	27	38
Gloucester	29	26	23	46	(²)	36
Salem	33	26	31	44	27	36
Other counties	32	28	28	41	18	33
Total	35	31	30	42	24	38

¹ Yields are rounded to nearest whole bushel.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

New Jersey: Soybeans for Beans, Production, by County, 2006-2011 ³

County	2006	2007	2008	2009	2010	2011 ¹
North District						
Bergen	(²)	(²)	(²)	(²)	(²)	(²)
Essex	(²)	(²)	(²)	(²)	(²)	(²)
Hudson	(²)	(²)	(²)	(²)	(²)	(²)
Hunterdon	210,000	162,800	163,200	172,200	159,000	195,000
Morris	(²)	(²)	(²)	(²)	(²)	(²)
Passaic	(²)	(²)	(²)	(²)	(²)	(²)
Somerset	48,000	55,900	(²)	(²)	(²)	(²)
Sussex	(²)	(²)	(²)	(²)	(²)	(²)
Union	(²)	(²)	(²)	(²)	(²)	(²)
Warren	234,000	253,800	214,200	224,400	270,000	220,000
Other counties	7,800	9,200	67,100	68,000	45,000	89,000
Central District						
Burlington	730,800	613,800	660,300	764,400	448,000	718,000
Mercer	198,000	164,000	153,700	195,000	78,000	179,000
Middlesex	(²)	(²)	(²)	(²)	(²)	(²)
Monmouth	154,000	178,500	143,100	221,400	101,000	240,000
Ocean	(²)	(²)	(²)	(²)	(²)	(²)
Other counties	182,000	164,000	147,600	200,900	66,000	119,000
South District						
Atlantic	(²)	(²)	(²)	(²)	(²)	(²)
Camden	(²)	(²)	(²)	(²)	(²)	(²)
Cape May	(²)	(²)	(²)	(²)	(²)	(²)
Cumberland	307,200	190,800	202,400	336,200	259,000	361,000
Gloucester	229,100	143,000	181,700	381,800	(²)	270,000
Salem	696,300	533,000	747,100	1,073,600	634,000	771,000
Other counties	12,800	11,200	19,600	16,100	148,000	20,000
Total	3,010,000	2,480,000	2,700,000	3,654,000	2,208,000	3,268,000

¹ Preliminary.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

³ Production reported in bushels.

New Jersey: Wheat for Grain, Harvested Acreage, by County, 2006-2011

County	2006	2007	2008	2009	2010	2011 ¹
North District						
Bergen	(²)	(²)	(²)	(²)	(²)	(²)
Essex	(²)	(²)	(²)	(²)	(²)	(²)
Hudson	(²)	(²)	(²)	(²)	(²)	(²)
Hunterdon	2,300	2,200	2,100	2,000	2,000	2,600
Morris	(²)	(²)	(²)	(²)	(²)	(²)
Passaic	(²)	(²)	(²)	(²)	(²)	(²)
Somerset	1,500	1,200	1,600	1,300	1,400	1,700
Sussex	(²)	(²)	(²)	(²)	(²)	(²)
Union	(²)	(²)	(²)	(²)	(²)	(²)
Warren	1,000	1,200	(²)	(²)	(²)	(²)
Other counties	---	100	1,600	1,500	900	1,700
Central District						
Burlington	2,200	3,700	4,500	3,700	2,400	4,300
Mercer	(²)	(²)	(²)	(²)	(²)	(²)
Middlesex	(²)	(²)	(²)	(²)	(²)	(²)
Monmouth	800	600	800	1,000	800	1,400
Ocean	(²)	(²)	(²)	(²)	(²)	(²)
Other counties	400	600	900	700	500	900
South District						
Atlantic	(²)	(²)	(²)	(²)	(²)	(²)
Camden	(²)	(²)	(²)	(²)	(²)	(²)
Cape May	(²)	(²)	(²)	(²)	(²)	(²)
Cumberland	4,900	7,800	6,900	5,700	3,700	5,100
Gloucester	2,600	2,400	4,200	(²)	(²)	(²)
Salem	6,000	8,100	9,900	9,200	7,500	8,700
Other counties	300	100	500	3,900	3,800	4,600
Total	22,000	28,000	33,000	29,000	23,000	31,000

¹ Preliminary.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

New Jersey: Wheat for Grain, Yield Per Acre, by County, 2006-2011 ³

County	2006	2007	2008	2009	2010	2011 ¹
North District						
Bergen	(²)	(²)	(²)	(²)	(²)	(²)
Essex	(²)	(²)	(²)	(²)	(²)	(²)
Hudson	(²)	(²)	(²)	(²)	(²)	(²)
Hunterdon	55	56	59	52	46	38
Morris	(²)	(²)	(²)	(²)	(²)	(²)
Passaic	(²)	(²)	(²)	(²)	(²)	(²)
Somerset	54	44	52	52	40	42
Sussex	(²)	(²)	(²)	(²)	(²)	(²)
Union	(²)	(²)	(²)	(²)	(²)	(²)
Warren	56	57	(²)	(²)	(²)	(²)
Other counties	---	53	54	46	59	59
Central District						
Burlington	64	55	57	55	53	49
Mercer	(²)	(²)	(²)	(²)	(²)	(²)
Middlesex	(²)	(²)	(²)	(²)	(²)	(²)
Monmouth	55	57	64	56	45	51
Ocean	(²)	(²)	(²)	(²)	(²)	(²)
Other counties	65	55	58	43	62	51
South District						
Atlantic	(²)	(²)	(²)	(²)	(²)	(²)
Camden	(²)	(²)	(²)	(²)	(²)	(²)
Cape May	(²)	(²)	(²)	(²)	(²)	(²)
Cumberland	61	48	63	46	50	49
Gloucester	58	48	53	(²)	(²)	(²)
Salem	63	51	68	57	52	54
Other counties	60	49	60	42	41	45
Total	60	51	61	51	49	49

¹ Preliminary.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

³ Yields are rounded to the nearest whole bushel.

New Jersey: Wheat for Grain, Production, by County, 2006-2011 ³

County	2006	2007	2008	2009	2010	2011 ¹
North District						
Bergen	(²)	(²)	(²)	(²)	(²)	(²)
Essex	(²)	(²)	(²)	(²)	(²)	(²)
Hudson	(²)	(²)	(²)	(²)	(²)	(²)
Hunterdon	126,500	123,200	123,900	104,000	92,000	98,000
Morris	(²)	(²)	(²)	(²)	(²)	(²)
Passaic	(²)	(²)	(²)	(²)	(²)	(²)
Somerset	81,000	52,800	83,200	67,600	56,000	71,100
Sussex	(²)	(²)	(²)	(²)	(²)	(²)
Union	(²)	(²)	(²)	(²)	(²)	(²)
Warren	56,000	68,400	(²)	(²)	(²)	(²)
Other counties	---	5,300	85,400	69,100	53,000	99,900
Central District						
Burlington	140,800	203,500	256,500	203,500	128,000	212,000
Mercer	(²)	(²)	(²)	(²)	(²)	(²)
Middlesex	(²)	(²)	(²)	(²)	(²)	(²)
Monmouth	44,000	34,200	51,200	56,000	36,000	72,000
Ocean	(²)	(²)	(²)	(²)	(²)	(²)
Other counties	26,000	33,000	52,200	30,100	31,000	46,000
South District						
Atlantic	(²)	(²)	(²)	(²)	(²)	(²)
Camden	(²)	(²)	(²)	(²)	(²)	(²)
Cape May	(²)	(²)	(²)	(²)	(²)	(²)
Cumberland	298,900	374,400	434,700	262,200	185,000	249,000
Gloucester	150,800	115,200	222,600	(²)	(²)	(²)
Salem	378,000	413,100	673,200	524,400	390,000	466,000
Other counties	18,000	4,900	30,100	162,100	156,000	205,000
Total	1,320,000	1,428,000	2,013,000	1,479,000	1,127,000	1,519,000

¹ Preliminary.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

³ Production reported in bushels.

New Jersey: Alfalfa Hay, Harvested Acreage, by County, 2006-2011

County	2006	2007	2008	2009	2010	2011 ¹
North District						
Bergen	(²)	(²)	(²)	(²)	(²)	(²)
Essex	(²)	(²)	(²)	(²)	(²)	(²)
Hudson	(²)	(²)	(²)	(²)	(²)	(²)
Hunterdon	3,200	1,500	1,500	(²)	1,600	1,500
Morris	(²)	600	(²)	(²)	(²)	600
Passaic	(²)	(²)	(²)	(²)	(²)	(²)
Somerset	1,100	1,000	1,000	(²)	(²)	1,000
Sussex	4,400	3,200	3,200	3,700	(²)	2,900
Union	(²)	(²)	(²)	(²)	(²)	(²)
Warren	3,500	2,800	2,800	(²)	2,800	3,000
Other counties	500	---	500	6,800	4,300	---
Central District						
Burlington	1,700	900	900	(²)	700	900
Mercer	(²)	(²)	(²)	(²)	(²)	(²)
Middlesex	(²)	(²)	(²)	(²)	(²)	(²)
Monmouth	1,700	1,500	1,400	1,600	1,200	2,000
Ocean	(²)	(²)	(²)	(²)	(²)	(²)
Other counties	500	200	500	1,800	800	500
South District						
Atlantic	(²)	(²)	(²)	(²)	(²)	(²)
Camden	(²)	(²)	(²)	(²)	(²)	(²)
Cape May	(²)	(²)	(²)	(²)	(²)	(²)
Cumberland	1,100	1,500	1,400	(²)	(²)	1,400
Gloucester	2,000	1,600	1,600	(²)	1,500	1,700
Salem	4,800	4,700	4,700	6,300	4,700	(²)
Other counties	500	500	500	4,800	2,400	4,500
Total	25,000	20,000	20,000	25,000	20,000	20,000

¹ Preliminary.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

New Jersey: Alfalfa Hay, Yield Per Acre, by County, 2006-2011³

County	2006	2007	2008	2009	2010	2011 ¹
North District						
Bergen	(²)	(²)	(²)	(²)	(²)	(²)
Essex	(²)	(²)	(²)	(²)	(²)	(²)
Hudson	(²)	(²)	(²)	(²)	(²)	(²)
Hunterdon	3.1	2.6	2.6	(²)	3.5	2.2
Morris	(²)	1.9	(²)	(²)	(²)	3.9
Passaic	(²)	(²)	(²)	(²)	(²)	(²)
Somerset	2.3	3.5	3.0	(²)	(²)	2.2
Sussex	2.1	2.4	2.4	2.4	(²)	1.9
Union	(²)	(²)	(²)	(²)	(²)	(²)
Warren	3.0	2.5	3.3	(²)	3.5	4.1
Other counties	2.0	---	2.9	2.8	3.0	---
Central District						
Burlington	2.5	2.7	3.1	(²)	2.2	2.9
Mercer	(²)	(²)	(²)	(²)	(²)	(²)
Middlesex	(²)	(²)	(²)	(²)	(²)	(²)
Monmouth	3.0	3.4	3.4	2.5	2.2	2.5
Ocean	(²)	(²)	(²)	(²)	(²)	(²)
Other counties	2.0	2.0	2.9	2.5	2.1	3.0
South District						
Atlantic	(²)	(²)	(²)	(²)	(²)	(²)
Camden	(²)	(²)	(²)	(²)	(²)	(²)
Cape May	(²)	(²)	(²)	(²)	(²)	(²)
Cumberland	2.2	2.8	3.0	(²)	(²)	2.4
Gloucester	2.2	2.4	2.6	(²)	2.6	5.4
Salem	2.4	2.8	3.0	3.2	3.0	(²)
Other counties	2.2	3.3	2.6	2.8	2.5	3.9
Total	2.5	2.7	2.9	2.8	2.9	3.2

¹ Preliminary.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

³ Yields are reported in tons.

New Jersey: Alfalfa Hay, Production, by County, 2006-2011 ³

County	2006	2007	2008	2009	2010	2011 ¹
North District						
Bergen	(²)	(²)	(²)	(²)	(²)	(²)
Essex	(²)	(²)	(²)	(²)	(²)	(²)
Hudson	(²)	(²)	(²)	(²)	(²)	(²)
Hunterdon	9,920	3,900	3,900	(²)	5,600	3,300
Morris	(²)	1,140	(²)	(²)	(²)	2,300
Passaic	(²)	(²)	(²)	(²)	(²)	(²)
Somerset	2,530	3,500	3,000	(²)	(²)	2,200
Sussex	9,240	7,680	7,680	8,880	(²)	5,300
Union	(²)	(²)	(²)	(²)	(²)	(²)
Warren	10,500	7,000	9,240	(²)	9,800	12,100
Other counties	1,000	---	1,450	19,200	12,800	---
Central District						
Burlington	4,250	2,430	2,790	(²)	1,540	2,600
Mercer	(²)	(²)	(²)	(²)	(²)	(²)
Middlesex	(²)	(²)	(²)	(²)	(²)	(²)
Monmouth	5,100	5,100	4,760	4,000	2,640	4,900
Ocean	(²)	(²)	(²)	(²)	(²)	(²)
Other counties	1,000	400	1,450	4,440	1,620	1,500
South District						
Atlantic	(²)	(²)	(²)	(²)	(²)	(²)
Camden	(²)	(²)	(²)	(²)	(²)	(²)
Cape May	(²)	(²)	(²)	(²)	(²)	(²)
Cumberland	2,420	4,200	4,200	(²)	(²)	3,300
Gloucester	4,400	3,840	4,160	(²)	3,900	9,200
Salem	11,520	13,160	14,100	20,160	14,100	(²)
Other counties	1,120	1,650	1,270	13,320	6,000	17,300
Total	63,000	54,000	58,000	70,000	58,000	64,000

¹ Preliminary.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

³ Production reported in bushels/ton.

New Jersey: Other Hay, Harvested Acreage, by County, 2006-2011

County	2006	2007	2008	2009 ¹	2010 ¹	2011 ¹
North District						
Bergen	(²)	(²)	(²)			
Essex	(²)	(²)	(²)			
Hudson	(²)	(²)	(²)			
Hunterdon	26,400	28,200	28,600			
Morris	3,500	3,300	(²)			
Passaic	(²)	(²)	(²)			
Somerset	7,700	7,300	7,200			
Sussex	16,100	15,200	15,500			
Union	(²)	(²)	(²)			
Warren	9,800	9,900	9,900			
Other counties	300	---	3,300			
Central District						
Burlington	6,200	5,300	5,500			
Mercer	2,300	2,400	2,400			
Middlesex	1,100	1,100	(²)			
Monmouth	2,800	4,200	4,000			
Ocean	500	1,000	(²)			
Other counties	---	---	2,200			
South District						
Atlantic	900	1,200	1,100			
Camden	700	(²)	800			
Cape May	900	(²)	600			
Cumberland	2,500	3,200	3,200			
Gloucester	2,300	2,400	2,600			
Salem	6,000	7,800	8,100			
Other counties	---	2,500	---			
Total	90,000	95,000	95,000			

¹ Discontinued in 2009.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

New Jersey: Other Hay, Yield Per Acre, by County, 2006-2011³

County	2006	2007	2008	2009 ¹	2010 ¹	2011 ¹
North District						
Bergen	(²)	(²)	(²)			
Essex	(²)	(²)	(²)			
Hudson	(²)	(²)	(²)			
Hunterdon	2.0	1.7	2.2			
Morris	1.8	1.9	(²)			
Passaic	(²)	(²)	(²)			
Somerset	1.8	1.5	1.3			
Sussex	1.7	1.4	1.6			
Union	(²)	(²)	(²)			
Warren	2.1	1.8	2.1			
Other counties	1.7	---	2.3			
Central District						
Burlington	1.9	1.9	2.0			
Mercer	2.0	1.4	1.8			
Middlesex	1.9	1.8	(²)			
Monmouth	1.8	1.5	1.9			
Ocean	2.0	1.4	(²)			
Other counties	---	---	1.7			
South District						
Atlantic	1.4	1.0	1.2			
Camden	1.7	(²)	1.1			
Cape May	1.8	(²)	1.5			
Cumberland	2.0	1.5	2.0			
Gloucester	2.0	1.3	1.9			
Salem	1.9	1.7	1.8			
Other counties	---	0.9	---			
Total	1.9	1.6	1.9			

¹ Discontinued in 2009.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

³ Yields are reported in tons.

New Jersey: Other Hay, Production, by County, 2006-2011 ³

County	2006	2007	2008	2009 ¹	2010 ¹	2011 ¹
North District						
Bergen	(²)	(²)	(²)			
Essex	(²)	(²)	(²)			
Hudson	(²)	(²)	(²)			
Hunterdon	52,800	47,940	62,920			
Morris	6,300	6,270	(²)			
Passaic	(²)	(²)	(²)			
Somerset	13,860	10,950	9,360			
Sussex	27,370	21,280	24,800			
Union	(²)	(²)	(²)			
Warren	20,580	17,820	20,790			
Other counties	510	---	7,560			
Central District						
Burlington	11,780	10,070	11,000			
Mercer	4,600	3,360	4,320			
Middlesex	2,090	1,980	(²)			
Monmouth	5,040	6,300	7,600			
Ocean	1,000	1,400	(²)			
Other counties	---	---	3,630			
South District						
Atlantic	1,260	1,200	1,320			
Camden	1,190	(²)	880			
Cape May	1,620	(²)	900			
Cumberland	5,000	4,800	6,400			
Gloucester	4,600	3,120	4,940			
Salem	11,400	13,260	14,580			
Other counties	---	2,250	---			
Total	171,000	152,000	181,000			

¹ Discontinued in 2009.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

³ Production is reported in bushels/ton.

New Jersey: All Hay, Harvested Acreage, by County, 2006-2011

County	2006	2007	2008	2009 ¹	2010 ¹	2011 ¹
North District						
Bergen	(²)	(²)	(²)			
Essex	(²)	(²)	(²)			
Hudson	(²)	(²)	(²)			
Hunterdon	29,600	29,700	30,100			
Morris	3,500	3,900	(²)			
Passaic	(²)	(²)	(²)			
Somerset	8,800	8,300	8,200			
Sussex	20,500	18,400	18,700			
Union	(²)	(²)	(²)			
Warren	13,300	12,700	12,700			
Other counties	800	---	3,800			
Central District						
Burlington	7,900	6,200	6,400			
Mercer	2,300	2,400	2,400			
Middlesex	1,100	1,100	(²)			
Monmouth	4,500	5,700	5,400			
Ocean	500	1,000	(²)			
Other counties	500	200	2,700			
South District						
Atlantic	900	1,200	1,100			
Camden	700	(²)	800			
Cape May	900	(²)	600			
Cumberland	3,600	4,700	4,600			
Gloucester	4,300	4,000	4,200			
Salem	10,800	12,500	12,800			
Other counties	500	3,000	500			
Total	115,000	115,000	115,000			

¹ Discontinued in 2009.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

New Jersey: All Hay, Yield Per Acre, by County, 2006-2011³

County	2006	2007	2008	2009 ¹	2010 ¹	2011 ¹
North District						
Bergen	(²)	(²)	(²)			
Essex	(²)	(²)	(²)			
Hudson	(²)	(²)	(²)			
Hunterdon	2.1	1.7	2.2			
Morris	1.8	1.9	(²)			
Passaic	(²)	(²)	(²)			
Somerset	1.9	1.7	1.5			
Sussex	1.8	1.6	1.7			
Union	(²)	(²)	(²)			
Warren	2.3	2.0	2.4			
Other counties	1.9	---	2.4			
Central District						
Burlington	2.0	2.0	2.2			
Mercer	2.0	1.4	1.8			
Middlesex	1.9	1.8	(²)			
Monmouth	2.3	2.0	2.3			
Ocean	2.0	1.4	(²)			
Other counties	2.0	2.0	1.9			
South District						
Atlantic	1.4	1.0	1.2			
Camden	1.7	(²)	1.1			
Cape May	1.8	(²)	1.5			
Cumberland	2.1	1.9	2.3			
Gloucester	2.1	1.7	2.2			
Salem	2.1	2.1	2.2			
Other counties	2.2	1.3	2.5			
Total	2.0	1.8	2.1			

¹ Discontinued in 2009.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

³ Yields are reported in tons.

New Jersey: All Hay, Production, by County, 2006-2011 ³

County	2006	2007	2008	2009 ¹	2010 ¹	2011 ¹
North District						
Bergen	(²)	(²)	(²)			
Essex	(²)	(²)	(²)			
Hudson	(²)	(²)	(²)			
Hunterdon	62,720	51,840	66,820			
Morris	6,300	7,410	(²)			
Passaic	(²)	(²)	(²)			
Somerset	16,390	14,450	12,360			
Sussex	36,610	28,960	32,480			
Union	(²)	(²)	(²)			
Warren	31,080	24,820	30,030			
Other counties	1,510	---	9,010			
Central District						
Burlington	16,030	12,500	13,790			
Mercer	4,600	3,360	4,320			
Middlesex	2,090	1,980	(²)			
Monmouth	10,140	11,400	12,360			
Ocean	1,000	1,400	(²)			
Other counties	1,000	400	5,080			
South District						
Atlantic	1,260	1,200	1,320			
Camden	1,190	(²)	880			
Cape May	1,620	(²)	900			
Cumberland	7,420	9,000	10,600			
Gloucester	9,000	6,960	9,100			
Salem	22,920	26,420	28,680			
Other counties	1,120	3,900	1,270			
Total	234,000	206,000	239,000			

¹ Discontinued in 2009.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

³ Production reported in tons.

New Jersey: Potatoes, Harvested Acreage, by County, 2006-2011

County	2006	2007	2008	2009 ¹	2010 ¹	2011 ¹
North District						
Bergen	(²)	(²)	(²)			
Essex	(²)	(²)	(²)			
Hudson	(²)	(²)	(²)			
Hunterdon	(²)	(²)	(²)			
Morris	(²)	(²)	(²)			
Passaic	(²)	(²)	(²)			
Somerset	(²)	(²)	(²)			
Sussex	(²)	(²)	(²)			
Union	(²)	(²)	(²)			
Warren	(²)	(²)	(²)			
Other counties	---	---	---			
Central District						
Burlington	(²)	(²)	(²)			
Mercer	(²)	(²)	(²)			
Middlesex	(²)	(²)	(²)			
Monmouth	(²)	(²)	(²)			
Ocean	(²)	(²)	(²)			
Other counties	---	---	---			
South District						
Atlantic	(²)	(²)	(²)			
Camden	(²)	(²)	(²)			
Cape May	(²)	(²)	(²)			
Cumberland	1,000	600	600			
Gloucester	(²)	(²)	(²)			
Salem	1,200	1,300	900			
Other counties	---	---	---			
Total	2,500	2,400	2,000			

¹ Discontinued in 2009.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

New Jersey: Potatoes, Yield Per Acre, by County, 2006-2011³

County	2006	2007	2008	2009 ¹	2010 ¹	2011 ¹
North District						
Bergen	(²)	(²)	(²)			
Essex	(²)	(²)	(²)			
Hudson	(²)	(²)	(²)			
Hunterdon	(²)	(²)	(²)			
Morris	(²)	(²)	(²)			
Passaic	(²)	(²)	(²)			
Somerset	(²)	(²)	(²)			
Sussex	(²)	(²)	(²)			
Union	(²)	(²)	(²)			
Warren	(²)	(²)	(²)			
Other counties	---	---	---			
Central District						
Burlington	(²)	(²)	(²)			
Mercer	(²)	(²)	(²)			
Middlesex	(²)	(²)	(²)			
Monmouth	(²)	(²)	(²)			
Ocean	(²)	(²)	(²)			
Other counties	---	---	---			
South District						
Atlantic	(²)	(²)	(²)			
Camden	(²)	(²)	(²)			
Cape May	(²)	(²)	(²)			
Cumberland	225	260	235			
Gloucester	(²)	(²)	(²)			
Salem	268	275	245			
Other counties	---	---	---			
Total	240	265	230			

¹ Discontinued in 2009.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

³ Yields are reported in hundredweight.

New Jersey: Potatoes, Production, by County, 2006-2011 ³

County	2006	2007	2008	2009 ¹	2010 ¹	2011 ¹
North District						
Bergen	(²)	(²)	(²)			
Essex	(²)	(²)	(²)			
Hudson	(²)	(²)	(²)			
Hunterdon	(²)	(²)	(²)			
Morris	(²)	(²)	(²)			
Passaic	(²)	(²)	(²)			
Somerset	(²)	(²)	(²)			
Sussex	(²)	(²)	(²)			
Union	(²)	(²)	(²)			
Warren	(²)	(²)	(²)			
Other counties	---	---	---			
Central District						
Burlington	(²)	(²)	(²)			
Mercer	(²)	(²)	(²)			
Middlesex	(²)	(²)	(²)			
Monmouth	(²)	(²)	(²)			
Ocean	(²)	(²)	(²)			
Other counties	---	---	---			
South District						
Atlantic	(²)	(²)	(²)			
Camden	(²)	(²)	(²)			
Cape May	(²)	(²)	(²)			
Cumberland	225,000	156,000	141,000			
Gloucester	(²)	(²)	(²)			
Salem	321,000	357,500	220,500			
Other counties	---	---	---			
Total	600,000	636,000	460,000			

¹ Discontinued in 2009.

² Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

³ Production reported in hundredweight.

FLORICULTURE 2011

The following floriculture statistics were compiled from interviews of all known growers of floriculture crops in New Jersey. Growers must have annual gross sales exceeding \$10,000 of all floriculture crops to be included in the state tabulations. Individual crop details, including quantity sold, price, and value, are summarized only from growers whose gross sales of floriculture crops are above \$100,000.

Value of Production: New Jersey ranked seventh in the nation in expanded wholesale value of floriculture crops with a value of \$180 million. The total crop wholesale value for all New Jersey growers with \$100,000 or more in sales was estimated at \$169 million up 0.1 percent from \$168 million in 2010. These operations, which comprised 47 percent of all growers, accounted for 94 percent of the total value of floriculture crops. The expanded wholesale value of floriculture crops in the 15 major producing states totaled \$4.08 billion for 2011, compared with \$4.15 billion for 2010.

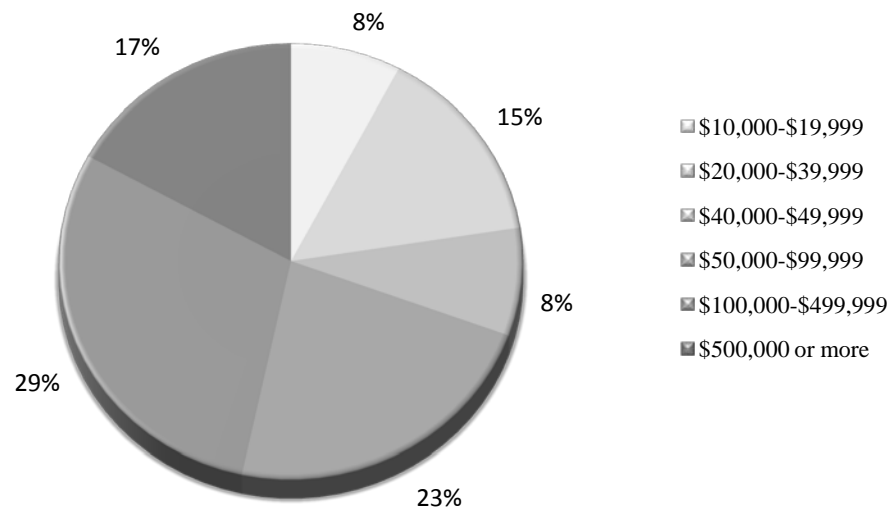
New Jersey's total bedding and garden plants sales, the largest contributor to total value of sales for growers with \$100,000 or more in sales, was \$108 million, a decrease of 2 percent from a year earlier. Potted flowering plants were up 13 percent in value to \$25.7 million. The value of cut flowers increased by 2 percent to \$12.6 million.

Number of Producers: The number of producers with sales over \$10,000 in New Jersey totaled 324 in 2011, a decline of 4 percent when compared with 339 in 2010. This followed the national trend of a 7 percent decline. The number of growers in New Jersey with sales of \$100,000 or more decreased from 154 growers in 2010 to 151 growers in 2011.

Production Area: Total covered area for floriculture crop production in the Garden State in 2011 was 21.2 million square feet. Greenhouse space in New Jersey accounted for 98 percent of the total covered area with 20.8 million square feet. Film plastic structures totaled 16.2 million square feet, glass greenhouses totaled 4.2 million square feet, fiberglass and other rigid plastic covers totaled 359 thousand square feet, and shade and temporary cover totaled 379 thousand square feet. Open ground usage totaled 2,112 acres.

Hired Workers: The 15 major producing states had 5,763 floriculture operations, and 4,382 of these operations hired workers. The average peak number of workers hired during the year was 18.7 workers. Operations with sales of \$100,000 to \$499,999 hired an average peak number of 10.0 workers, while operations with \$500,000 or more sales hired an average of 58.9 workers.

New Jersey Percent of Floriculture Growers by Gross Value of Sales Category, 2011



New Jersey Floriculture: Selected Crops and State Totals, 2010-2011

Growers with Gross Value of Sales ¹	Number of Growers		Covered Area		Expanded Wholesale Value of Sales ²	
	2010	2011	2010	2011	2010	2011
			<i>1,000 square feet</i>	<i>1,000 square feet</i>	<i>\$1,000</i>	<i>\$1,000</i>
\$100,000 and over	154	151	17,431	18,363	167,882	169,257
\$10,000 - \$99,999	339	324	19,807	21,185	177,883	179,587
Total	493	475	37,238	39,548	345,765	348,844

¹ Totals are not comparable between years, see Survey Procedures for detailed explanation.

² Wholesale value of sales as reported by growers with \$100,000 or more in sales of floriculture crops plus a calculated wholesale value of sales for growers with sales below \$100,000. The value of sales for growers below the \$100,000 level was estimated by multiplying the number of growers in each size group by the mid-point of each dollar value range.

New Jersey Growing Area: By Type of Cover, 2010-2011 ¹

Type of Cover	All Operations with \$10,000 + Sales		All Operations with \$100,000 + Sales	
	2010	2011	2010	2011
	<i>1,000 square feet</i>	<i>1,000 square feet</i>	<i>1,000 square feet</i>	<i>1,000 square feet</i>
Total Greenhouse Cover	19,577	20,806	17,215	18,042
Glass Greenhouses	4,398	4,248	4,185	4,039
Fiberglass and Other Rigid Greenhouses	827	359	719	259
Film Plastic Greenhouse	14,332	16,199	12,311	13,744
Shade and Temporary Cover	250	379	216	321
Total Covered Area	19,807	21,185	17,431	18,363

¹ Totals are not comparable between years, see Survey Procedures for detailed explanation.

New Jersey Floriculture: Selected Crops and State Totals, 2010-2011

Plant Type and Units for Quantity Sold	Operations with \$100,000+ Sales					
	Growers		Quantity Sold		Wholesale Value of Sales ¹	
	2010	2011	2010	2011	2010	2011
	<i>Number</i>	<i>Number</i>	<i>1,000 Units</i>	<i>1,000 Units</i>	<i>\$1,000</i>	<i>\$1,000</i>
Bedding/Garden Plants, Total /2	*	*	*	*	110,398	107,704
Annuals	*	*	*	*	63,501	68,148
Hanging Baskets, Geraniums(Cuttings)	73	66	204	194	1,656	1,531
Hanging Baskets, Impatiens	46	45	165	99	960	542
Hanging Baskets, New Guinea Impatiens	77	74	327	321	2,479	2,311
Hanging Baskets, Petunias	60	54	265	253	1,815	1,581
Impatiens	95	92	724	771	5,734	5,736
Petunias	94	90	390	539	3,296	3,994
Marigolds	95	88	251	361	1,925	2,379
Geraniums (Cuttings)	98	93	2,124	2,264	4,708	4,517
New Guinea Impatiens	91	87	1,270	1,191	2,066	2,170
Pansies/Violas	38	42	745	932	1,069	1,424
Potted Herbaceous Perennials	*	*	*	*	46,897	39,556
Hardy/Garden Chrysanthemums	90	82	4,872	4,026	12,361	10,431
Hostas	58	61	477	529	2,080	2,340
Other Potted Herbaceous Perennials	70	71	7,842	6,376	32,456	26,785
Flowering Plants, For Indoor Patio Use, Total	*	*	*	*	22,732	25,686
Lilies, Easter	25	28	168	235	822	1,184
Poinsettias	63	59	1,501	1,386	7,331	6,694
Foliage for Indoor or Patio Use, Total	*	*	*	*	(D)	(D)
Hanging Baskets, Foliage	(D)	(D)	(D)	(D)	(D)	(D)
Potted Foliage	(D)	(D)	(D)	(D)	(D)	(D)

* Data is not collected.

¹ Equivalent wholesale value of all sales.

² Includes annual bedding plants and herbaceous perennials.

VEGETABLES 2011

2011 Vegetable Season: During the 2011 growing season, conditions for vegetable development were good to excellent during the spring. Spring and early summer vegetable crops benefited from abundant moisture due to substantial melt from the previous year's snowfall. Dry spells started in early July, and irrigation was needed for most of the vegetable crops. However, in August Hurricane Irene, followed by two tropical storms, dumped more than 20 inches of rain throughout most of the state during just a one month period. As a result, many fields had standing water for more than two weeks. Continued excessive water prevented harvesting of late summer crops. The flooded conditions also caused severe damage to tomatoes, peppers, squash, and pumpkin crops. Much produce rotted in the field as a result. Despite all the damage, this season was rated overall as an above average growing season for New Jersey Vegetables.

Area harvested for the eighteen fresh market, and 5 major processing vegetables, totaled 39,100 acres. This was down 7 percent from 42,000 acres in 2010. Both fresh market and processing vegetable harvested acres declined. Combined production of fresh and processing vegetable was 311,420 tons, 17,900 tons less than 2010. Gross value for all crops was \$204.8 million in 2011, compared with \$183.2 million in 2010, as the results of sharply increasing season average prices.

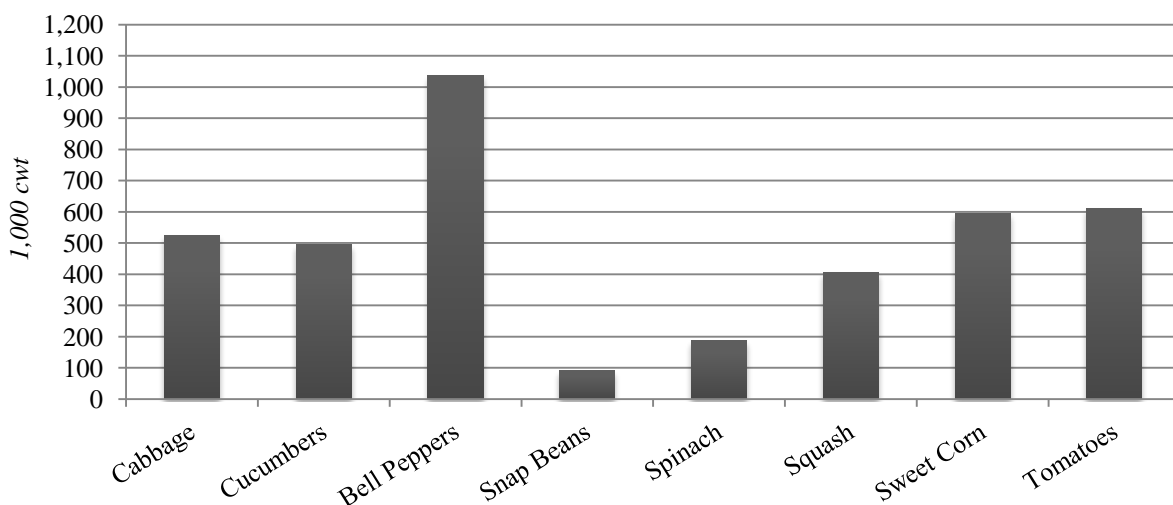
Vegetables for Fresh Market: There are 18 fresh market vegetables in the USDA-NASS, New Jersey Field Office estimating program. Area planted for these fresh market vegetables in 2011 totaled 37,800 acres with 33,900 acres harvested. This compares to 37,900 acres planted in 2010 and 35,900 acres harvested. Production amounted to 5.24 million hundredweight, a decrease of 4 percent from the 5.46 million hundredweight produced in 2010. Overall yield in 2011 averaged 155 hundredweight per acre, up 3 hundredweight from the previous year. Season average price was \$37.50 per hundredweight compared with \$32.10 in 2010, an increase of \$5.40 per hundredweight.

Among the fresh market vegetables, asparagus, herbs, bell peppers, and snap beans had increased harvested acres in 2011 versus the previous year. Cabbage, cucumbers, lettuce, parsley, pumpkins, spinach, summer & winter squash, and sweet corn had lower harvested acres in 2011 than in 2010. Collards, eggplant, escarole & endive, kale, and tomato acres remained the same. The total value of fresh market vegetables showed an increase of 12.1 percent from \$175.2 million in 2010 to \$196.4 million in 2011.

Ranking New Jersey's fresh market vegetables by value of production, tomatoes replaced bell peppers as the number one commodity with \$31.5 million of value. Bell peppers were second with \$30.4 million. Sweet corn and cucumbers were third and fourth with \$15.8 million and \$15.6 million, respectively. Herbs replaced lettuce, ranking fifth, with \$15.0 million.

Vegetables for Processing: In 2011, harvested acreage of the five major processing vegetables (green peas, snap beans, spinach, sweet corn, and tomatoes) totaled 5,200 acres, compared 6,100 acres in 2010. Harvested acres increased for snap beans. Tomato acreage remained the same. And green peas, spinach, and sweet corn acreage decline. Total production, at 49,320 tons, was a 12 percent decrease from the 56,320 tons in 2010. The season average price was \$171.20 per ton, compared with \$141.70 per ton in 2010, up \$29.50 per ton. The 2011 value of production, at \$8.45 million, was up 6 percent from \$7.98 million the previous year.

**2011 New Jersey Utilized Production
of Fresh Market Vegetables**



New Jersey: Vegetable Crops, Acreage, Yield, Production, Price, and Value of Production, 2006-2011

Year	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production	
					Total	Per Acre
	<i>Acres</i>	<i>cwt</i>	<i>1,000 cwt</i>	<i>Dollars/cwt</i>	<i>\$1,000</i>	<i>Dollars</i>
Asparagus, Jan-June, fresh market ¹						
2006	1,000	40	40	95.00	3,800	3,800
2007	1,000	25	25	115.00	2,875	2,875
2008	1,000	34	34	130.00	4,420	4,420
2009	1,000	37	37	97.30	3,600	3,600
2010	900	42	38	131.70	5,005	5,561
2011	1,100	35	39	132.00	5,148	4,680
Cabbage, Jan-Dec, fresh market						
2006	1,400	290	406	14.80	6,009	4,292
2007	1,500	345	518	13.80	7,148	4,765
2008	1,600	360	576	13.50	7,776	4,860
2009	1,600	345	552	15.90	8,777	5,486
2010	1,700	280	476	14.50	6,902	4,060
2011	1,400	375	525	17.60	9,240	6,600
Collard, Jan-Dec, fresh market ¹						
2006	650	160	104	24.80	2,579	3,968
2007	800	145	116	25.70	2,981	3,726
2008	800	135	108	24.40	2,635	3,294
2009	800	165	132	30.90	4,079	5,099
2010	700	140	98	30.00	2,940	4,200
2011	700	145	102	34.20	3,488	4,983
Cucumber, July-Dec, fresh market						
2006	3,300	175	578	23.10	13,352	4,046
2007	3,400	190	646	17.80	11,499	3,382
2008	3,100	175	543	24.10	13,086	4,221
2009	3,100	130	403	28.00	11,284	3,640
2010	3,200	210	672	2,340.00	15,725	4,914
2011	3,100	160	496	31.40	16	5,024
Eggplant, July-Dec, fresh market ¹						
2006	900	230	207	22.80	4,720	5,244
2007	900	255	230	21.50	4,945	5,494
2008	900	290	261	27.30	7,125	7,917
2009	900	320	288	29.00	8,352	9,280
2010	900	245	221	28.60	6,321	7,023
2011	900	255	230	37.70	8,671	9,634
Escarole& Endive, Jan-Dec, fresh market ¹						
2006	500	170	85	23.80	2,023	4,046
2007	500	195	98	25.40	2,489	4,978
2008	500	185	93	28.30	2,632	5,264
2009	500	185	93	35.40	3,292	6,584
2010	500	175	88	29.30	2,578	5,156
2011	500	200	100	36.30	3,630	7,260

See footnote(s) at end of table.

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New Jersey: Vegetable Crops, Acreage, Yield, Production, Price, and Value of Production, 2006-2011

Year	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production	
					Total	Per Acre
	<i>Acres</i>	<i>cwt</i>	<i>1,000 cwt</i>	<i>Dollars/cwt</i>	<i>\$1,000</i>	<i>Dollars</i>
Herbs, Jan-Dec, fresh market ¹						
2006	---	---	---	---	---	---
2007	---	---	---	---	---	---
2008	---	---	---	---	---	---
2009	1,800	150	270	48.70	13,149	7,305
2010	1,900	80	152	51.00	7,752	4,080
2011	2,000	115	230	65.40	15,042	7,521
Kale, Jan-Dec, fresh market ¹						
2006	350	180	63	24.30	1,531	4,374
2007	300	155	47	24.80	1,166	3,887
2008	400	145	58	26.30	1,525	3,812
2009	400	120	48	34.10	1,637	4,093
2010	400	100	40	33.90	1,356	3,390
2011	400	135	54	34.80	1,879	4,698
Lettuce, All, Jan-Dec, fresh market ¹						
2006	1,500	163	245	19.10	4,691	3,127
2007	1,500	177	266	18.70	4,968	3,312
2008	1,800	195	351	21.70	7,617	4,232
2009	1,800	200	360	38.30	13,788	7,660
2010	1,900	210	399	37.40	14,923	7,854
2011	1,500	185	278	42.30	11,759	7,839
Parsley, July-Dec, fresh market ¹						
2006	---	---	---	---	---	---
2007	---	---	---	---	---	---
2008	---	---	---	---	---	---
2009	700	145	102	44.60	4,549	6,499
2010	800	180	144	37.10	5,342	6,678
2011	700	145	102	63.90	6,518	9,311
Peppers, Bell, July-Dec, fresh market ¹						
2006	3,200	295	944	29.50	27,848	8,703
2007	3,100	300	930	31.50	29,295	9,450
2008	3,100	360	1,116	29.50	32,922	10,620
2009	3,200	290	928	33.80	31,366	9,802
2010	3,300	325	1,073	31.50	33,800	10,242
2011	3,400	305	1,037	29.30	30,384	8,936
Pumpkins, July-Dec, fresh market ¹						
2006	1,800	135	243	21.40	5,200	2,889
2007	2,200	85	187	16.20	3,029	1,377
2008	2,100	105	221	23.80	5,260	2,505
2009	2,200	115	253	29.20	7,388	3,358
2010	2,300	135	311	20.50	6,376	2,772
2011	1,700	95	162	54.40	8,813	5,184

See footnote(s) at end of table.

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New Jersey: Vegetable Crops, Acreage, Yield, Production, Price, and Value of Production, 2006-2011

Year	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production	
					Total	Per Acre
	<i>Acres</i>	<i>cwt</i>	<i>1,000 cwt</i>	<i>Dollars/cwt</i>	<i>\$1,000</i>	<i>Dollars</i>
Snap Beans, Jan-Dec, fresh market						
2006	2,800	25	70	48.50	3,395	1,213
2007	2,700	30	81	47.00	3,807	1,410
2008	2,500	38	95	45.00	4,275	1,710
2009	2,800	27	76	67.40	5,122	1,829
2010	2,600	30	78	35.40	2,761	1,062
2011	2,700	34	92	55.00	5,060	1,874
Spinach, July-Dec, fresh market						
2006	1,700	175	298	33.70	10,043	5,908
2007	1,600	100	160	42.60	6,816	4,260
2008	1,600	175	280	37.20	10,416	6,510
2009	1,500	135	203	43.20	8,770	5,847
2010	1,400	85	119	45.90	5,462	3,901
2011	1,200	155	186	45.00	8,370	6,975
Squash, Summer, July-Dec, fresh market ¹						
2006	1,900	100	190	32.60	6,190	3,258
2007	2,000	120	240	27.60	6,624	3,312
2008	2,000	140	280	37.40	10,472	5,326
2009	1,900	135	257	33.40	8,584	4,518
2010	2,100	120	252	29.70	7,484	3,564
2011	1,800	170	306	41.50	12,699	7,055
Squash, Winter, Jan-Dec, fresh market ¹						
2006	700	85	60	23.50	1,410	2,014
2007	1,000	105	105	20.70	2,174	2,174
2008	1,000	80	80	25.70	2,056	2,056
2009	900	75	68	26.70	1,816	2,018
2010	1,000	120	120	23.50	2,820	2,820
2011	900	110	99	28.00	2,772	3,080
Sweet Corn, July-Dec, fresh market ¹						
2006	7,000	110	770	24.70	19,019	2,717
2007	7,100	95	675	22.30	15,053	2,120
2008	7,100	75	533	29.10	15,510	2,185
2009	7,100	110	781	29.20	22,805	3,212
2010	7,400	75	555	27.50	15,263	2,063
2011	7,000	85	595	26.60	15,827	2,261
Tomatoes, All, July-Dec, fresh market						
2006	2,900	180	522	37.60	19,627	6,768
2007	2,900	205	595	39.70	23,622	8,146
2008	2,900	215	624	42.70	26,645	9,188
2009	2,900	220	638	53.20	33,942	11,704
2010	2,900	215	624	51.90	32,386	11,168
2011	2,900	210	609	51.70	31,485	10,857

¹ State estimate only.

New Jersey: Total Principal Vegetable Crop Acreage, Production, and Value of Production, 2006-2011

Year	Acres Harvested			Production			Value of Production		
	Fresh Market ¹	Processing ²	Total	Fresh Market ¹	Processing ²	Total ³	Fresh Market ¹	Processing ²	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>
2006	31,200	7,500	38,700	238.6	56.0	294.6	131,473	8,489	139,926
2007	32,500	6,000	38,500	246.0	54.3	300.3	128,491	9,617	138,108
2008	32,400	6,000	38,400	262.7	58.7	321.4	154,372	11,279	165,651
2009	35,100	5,300	40,400	274.5	50.8	325.2	192,300	8,366	200,666
2010	35,900	6,100	42,000	273.0	56.3	329.3	175,196	7,983	183,179
2011	33,900	5,200	39,100	262.1	49.3	311.4	196,359	8,445	204,804

¹ Fresh market vegetable crops include asparagus, cabbage, collards, cucumbers, eggplant, escarole & endive, kale, lettuce, bell peppers, pumpkins, snap beans, spinach, squash, sweet corn, and tomatoes for 2005-2008. Fresh market vegetable crops include asparagus, cabbage, collards, cucumbers, eggplant, escarole & endive, herbs, kale, lettuce, bell peppers, parsley, pumpkins, snap beans, spinach, summer and winter squash, sweet corn, and tomatoes for 2009-2011.

² Processing vegetables include tomatoes, snap beans, green peas, cucumbers, carrots, sweet corn, and spinach for 2005-2008. Processing vegetables include tomatoes, snap beans, green peas, sweet corn, and spinach for 2009-2011.

³ Not equal to sum of fresh market and processing due to rounding.

New Jersey: Vegetables, Usual Planting and Harvesting Dates

Crop	Usual Planting Dates			Usual Harvesting Dates		
	Begin	Most Active	End	Begin	Most Active	End
Asparagus	Mar 25	(NA)	May 5	May 5	May 15 - Jun 15"	Jul 10
Broccoli	Jun 15	(NA)	Jul 20	Aug 5	Sep 30 - Nov 10	Nov 30
Cabbage (Spring)	Mar 25	(NA)	Jun 20	May 15	Jun 10 - Aug 15	Aug 31
Cabbage (Fall)	Jun 20	(NA)	Aug 10	Oct 1	Oct 5 - Nov 10	Dec 5
Cantaloupes	May 5	(NA)	Jun 20	Jul 20	Aug 1 - Aug 31	Sep 15
Carrots	Apr 10	(NA)	Jul 15	Jul 15	Sep 10 - Oct 5	Oct 25
Cauliflower	Mar 15	(NA)	Apr 20	May 25	Jun 1 - July 10	Jul 15
Cucumber	May 5	(NA)	Jun 15	Jun 20	Jul 5 - Aug 15	Oct 10
Eggplant	Apr 10	(NA)	May 25	Jul 15	Jul 20 - Oct 15	Nov 10
Escarole	Mar 20	(NA)	May 25	May 25	Jun 10 - Oct 20	Nov 20
Lettuce (Spring)	Mar 20	(NA)	May 15	May 15	May 20 - Jul 31	Aug 15
Lettuce (Fall)	Jul 20	(NA)	Aug 10	Oct 1	Oct 10 - Nov 5	Nov 30
Lima Beans	May 20	(NA)	Jul 15	Aug 5	Aug 25 - Sep 30	Oct 31
Onions	Mar 1	(NA)	Apr 15	Jun 20	Jun 30 - Jul 31	Oct 1
Peas, Green	Mar 5	(NA)	Apr 30	Jun 1	Jun 10 - Jun 25	Jun 30
Peppers, Bell	Mar 25	(NA)	May 31	Jul 1	Jul 15 - Aug 31	Oct 10
Pumpkins	May 31	(NA)	Jul 4	Sep 15	Oct 5 - Oct 31	Nov 20
Snap Beans (Spring)	Apr 10	(NA)	Jun 5	Jun 10	Jun 20 - Jul 10	Jul 15
Snap Beans (Fall)	Jun 5	(NA)	Aug 10	Jul 10	Jul 20 - Oct 15	Oct 31
Spinach (Spring)	Mar 1	(NA)	May 15	Apr 15	May 5 - Jun 25	Jun 30
Squash (Summer)	Apr 15	(NA)	Aug 15	May 25	Jun 1 - Oct 15	Oct 31
Squash (Winter)	Jun 5	(NA)	Jul 15	Jul 20	Jul 25 - Nov 20	Dec 10
Sweet Corn	Mar 25	(NA)	Jul 10	Jun 20	Jul 5 - Aug 31	Oct 15
Tomatoes	Apr 10	(NA)	May 25	Jul 1	Jul 15 - Sep 20	Oct 20

(NA) Not available.

FRUIT 2011

The four major fruit and berry crops grown in New Jersey are apples, blueberries, cranberries, and peaches. During 2011, mild spring temperatures and adequate moisture were beneficial for fruit development. Dry weather throughout the growing season reduced the threat of disease. High temperatures during the summer months and milder weather with timely rains near the fall all had a different impact on this year's fruit crops. As the season concluded blueberries had higher production, while apples, cranberries, and peaches had lower production.

Total production of the four fruit and berry crops during 2011 amounted to 213.0 million pounds, down from 2010's production of 220.2 million pounds. Value of utilized production of these crops totaled \$180.8 million, a 25 percent increase from the 2010 total of \$144.2 million.

During 2011, among all major fruit and berry producing states in the nation, New Jersey ranked third in cranberry production, fourth in blueberry and peach production, and sixteenth in apple production. Ranking crops by value of production within the state, blueberries ranked first with \$94.7 million, peaches ranked second with \$36.6 million, while cranberries ranked third with \$26.0 million. Apples ranked fourth with \$23.5 million.

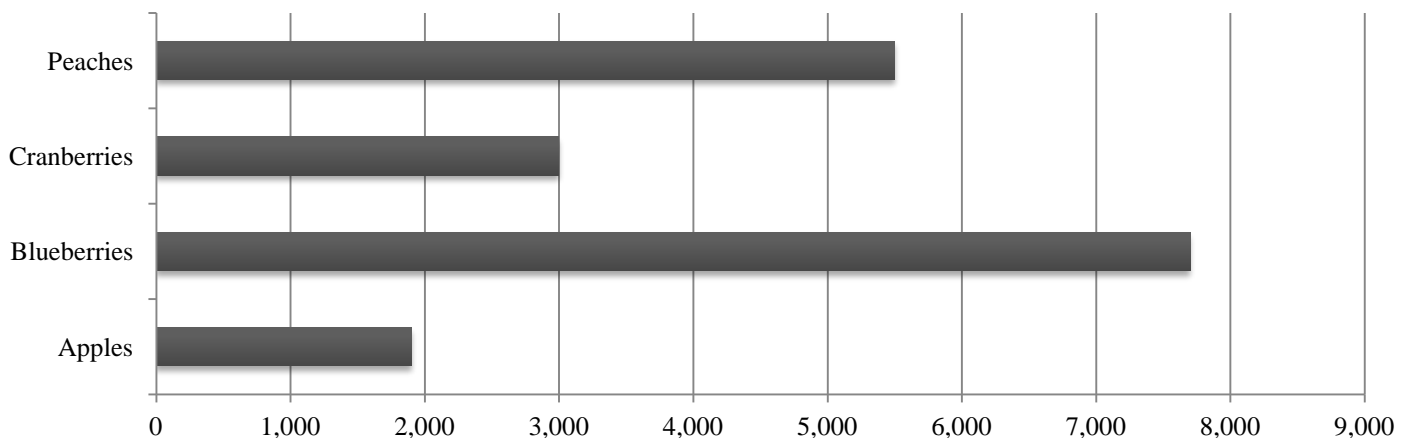
Peaches: Mild spring temperatures and adequate moisture provided favorable growing conditions for peaches. Bloom and fruit sets were adequate to produce a sufficient crop. Early-season peaches were large and quality was good as a result. As the season concluded, overall production was 32,000 tons with utilized production totaling 30,000 tons. Season average price, at \$1,220 per ton (61.0 cents per pound), was \$300.00 higher than 2010's price. Value of utilized production was \$36.6 million in 2011, 17 percent more than the previous year.

Apples: Apples started under normal growing conditions. Spring rainfall hindered pollination during bloom. Fruit sets were light as a result. Overall quality was good. Total apple production, at 36 million pounds, was down 7 million pounds from 2010. The season average price, at 67.2 cents per pound, was 19.2 cents more than in 2010. Value of utilized production was \$23.5 million in 2011 compared with \$20.2 million in 2010.

Blueberries: The blueberry crop's bloom and set of fruit were reported to be heavy. Blueberry production totaled 62 million pounds, an increase of 27 percent from last year. The season average price, at \$1.53 per pound, was up 25 cents from last year. The value of utilized production for the 2011 blueberry crop was \$94.7 million, an increase of 51 percent from 2010. Atlantic and Burlington counties were the leading blueberry producing areas.

Cranberries: Cranberry total production was 510,000 barrels, down 9 percent from the 562,000 barrels produced in 2010. The season average price was \$51.00 per barrel, down \$2.70 from last year. The value of production for the 2011 cranberry crop was \$26.0 million compared to \$30.2 million in 2010. The cranberry crop bloom, set of fruit, and fruit size were average. Burlington county was the major cranberry producing area in the Garden State.

2011 New Jersey Fruit Bearing/Harvested Acres



New Jersey: Fruit and Berry Production, Utilization, Price, and Value of Utilized Production, 2006-2011

Year	Production ^{1 2}		Utilization ²		Season Average Price Per Unit ⁴	Value of Utilized Production
	Total	Utilized	Fresh ³	Processed		
Apples						
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Cents/Pound</i>	<i>\$1,000</i>
2006	45	44	33	11	41.0	18,060
2007	42	42	26	16	22.9	9,609
2008	43	39	25	14	38.1	14,841
2009	43	42	31	11	49.9	20,951
2010	43	42	30	12	48.0	20,180
2011	36	35	25	10	67.2	23,505
Blueberries						
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Cents/Pound</i>	<i>\$1,000</i>
2006	52	52	40	12	161	83,720
2007	54	54	41	13	167	90,240
2008	59	59	46	13	139	81,990
2009	53	53	45	8	123	65,260
2010	49	49	42	7	128	62,510
2011	62	62	47	15	153	94,700
Cranberries						
	<i>Thousand Barrels</i>	<i>Thousand Barrels</i>	<i>Thousand Barrels</i>	<i>Thousand Barrels</i>	<i>Dollars/Barrel</i>	<i>\$1,000</i>
2006	485	480	(⁵)	480	39.20	18,816
2007	531	531	(⁵)	531	46.10	24,479
2008	512	512	(⁵)	512	53.60	27,443
2009	555	555	(⁵)	555	54.50	30,248
2010	562	562	(⁵)	562	53.30	29,955
2011	510	510	(⁵)	510	51.00	26,010
Peaches						
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars/Ton</i>	<i>\$1,000</i>
2006	34,000	34,000	34,000	(⁶)	1,050	35,700
2007	32,000	28,800	28,800	(⁶)	1,140	32,832
2008	34,000	26,000	26,000	(⁶)	920	23,920
2009	35,000	33,000	33,000	(⁶)	1,020	33,660
2010	36,000	34,000	34,000	(⁶)	920	31,280
2011	32,000	30,000	30,000	(⁶)	1,220	36,600

¹ Difference between total production and that having utilized value is economic abandonment and/or excess cullage of mature fruit. For cranberries, differences also include the quantity set aside under the Cranberry Marketing Order.

² Production and utilization for apples and blueberries are in million pounds, for cranberries in thousand barrels, and for peaches in tons.

³ Includes quantities used in farm household or given away.

⁴ Price for apples and blueberries is in cents per pound. Price for cranberries is in dollars per barrel. Price for peaches is in tons.

⁵ Included in processed utilization.

⁶ Included in fresh utilization.

New Jersey: Fruits and Berries, Usual Full Bloom and Harvesting Dates

Crop	Usual Planting Dates			Usual Harvesting Dates		
	Begin	Most Active	End	Begin	Most Active	End
Apples	Apr 12	(NA)	Apr 20	Jul 15	Sep 1 - Oct 25	Oct 31
Blueberries	Apr 15	(NA)	May 15	Jun 15	Jun 27 - Jul 11	Aug 15
Cranberries	Jun 1	(NA)	Jul 15	Sep 10	Oct 5 - Nov 5	Nov 18
Grapes	May 20	(NA)	Jun 10	Aug 20	Sep 10 - Sep 20	Oct 10
Peaches	Apr 7	(NA)	Apr 15	Jul 5	Jul 20 - Aug 31	Sep 15
Strawberries	May 1	(NA)	May 10	May 20	Jun 1 - Jun 31	Jul 10

(NA) Not available.

New Jersey: Apple, Harvested Acreage, by State, 2006-2011

State	2006	2007	2008	2009	2010	2011 ¹
	Harvested					
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
New Jersey	2,200	2,100	2,000	2,000	2,000	1,900
Maryland	2,400	2,400	1,900	1,900	1,850	1,750
New York	45,000	42,000	42,000	42,000	42,000	42,000
Pennsylvania	21,000	21,500	21,000	21,000	21,000	34,000
Virginia	12,000	12,000	12,000	11,800	11,800	11,800
U.S. Total	369,990	363,440	350,590	347,800	341,950	330,600

¹ Preliminary.

New Jersey: Apple, Yield, by State, 2006-2011

State	2006	2007	2008	2009	2010	2011 ¹
	Yield ²					
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
New Jersey	20,500	20,000	21,500	21,500	21,500	18,900
Maryland	14,200	13,800	21,800	24,500	23,000	22,900
New York	28,000	31,200	30,200	32,600	30,200	29,000
Pennsylvania	22,400	21,900	21,000	24,300	23,400	21,800
Virginia	18,300	17,900	18,800	20,800	16,900	18,600
U.S. Total	27,300	25,900	27,500	27,900	27,100	28,500

¹ Preliminary.

² Yield is based on total production, which includes unharvested production and fruit harvested but not sold due to market conditions.

New Jersey: Apple, Production, by State, 2006-2011

State	2006	2007	2008	2009	2010	2011 ¹
	Production					
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
New Jersey	45.0	42.0	43.0	43.0	43.0	36.0
Maryland	34.0	33.0	41.5	46.5	42.5	40.0
New York	1,260.0	1,310.0	1,270.0	1,370.0	1,270.0	1,220.0
Pennsylvania	470.0	470.0	440.0	510.0	492.0	458.0
Virginia	220.0	215.0	226.0	245.0	200.0	220.0
U.S. Total	9,823.4	9,089.4	9,633.3	9,704.9	9,281.6	9,420.0

¹ Preliminary.

New Jersey: Peach, Harvested Acreage, by State, 2006-2011

State	2006	2007	2008	2009	2010	2011
	Harvested					
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
New Jersey	6,600	6,300	6,200	6,200	6,100	5,500
California ¹	32,000	31,000	31,000	28,000	27,000	25,000
Georgia	10,000	9,500	9,500	10,500	10,800	10,200
South Carolina	14,000	14,000	14,000	14,000	15,500	15,500
Pennsylvania	4,300	4,300	4,400	4,400	4,400	4,400
U.S. Total	129,130	125,310	124,000	118,830	117,630	112,480

¹ Freestone variety.

New Jersey: Peach, Yield, by State, 2006-2011

State	2006	2007	2008	2009	2010	2011
	Yield					
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
New Jersey	5.15	5.08	5.48	5.65	5.90	5.82
California ¹	11.00	14.40	14.00	12.50	14.30	15.20
Georgia	4.10	1.37	2.95	3.05	3.70	3.53
South Carolina	4.29	0.89	4.29	5.36	7.10	6.13
Pennsylvania	5.02	4.41	4.82	6.34	4.82	4.02
U.S. Total	7.82	8.99	9.16	9.29	9.78	9.53

¹ Freestone variety.

New Jersey: Peach, Production, by State, 2006-2011

State	2006	2007	2008	2009	2010	2011
	Production					
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
New Jersey	34,000	32,000	34,000	35,000	36,000	32,000
California ¹	353,000	430,000	433,000	350,000	385,000	380,000
Georgia	41,000	13,000	28,000	32,000	40,000	36,000
South Carolina	60,000	12,500	60,000	75,000	110,000	95,000
Pennsylvania	21,600	19,400	21,200	27,900	21,200	17,690
U.S. Total	1,010,280	1,127,150	1,135,310	1,103,770	1,150,300	1,071,790

¹ Freestone variety.

New Jersey: Blueberries, Harvested Acreage, by County, 2006-2011 ¹

County	2006	2007	2008	2009	2010	2011
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Central District						
Burlington	1,200	1,100	1,100	1,200	1,000	1,200
South District						
Atlantic	6,100	6,100	6,100	6,100	6,100	6,100
Other Counties ²	300	400	400	400	400	400
Total	7,600	7,600	7,600	7,700	7,500	7,700

¹ Preliminary.

² The other counties could come from any district.

New Jersey: Blueberries, Yield Per Acre, by County, 2006-2011 ¹

County	2006	2007	2008	2009	2010	2011
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Central District						
Burlington	5,420	5,090	5,500	4,580	5,300	5,830
South District						
Atlantic	7,360	7,800	8,510	7,640	6,980	8,770
Other Counties ²	2,000	2,000	2,500	2,250	2,750	3,750
Total	6,840	7,110	7,760	6,880	6,530	8,050

¹ Preliminary.

² The other counties could come from any district.

New Jersey: Blueberries, Utilized Production, by County, 2006-2011 ¹

County	2006	2007	2008	2009	2010	2011
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Central District						
Burlington	6,500	5,600	6,100	5,500	5,300	7,000
South District						
Atlantic	44,900	47,600	51,900	46,600	42,600	53,500
Other Counties ²	600	800	1,000	900	1,100	1,500
Total	52,000	54,000	59,000	53,000	49,000	62,000

¹ Preliminary.

² The other counties could come from any district.

New Jersey: Cranberries, Harvested Acreage, by State, 2006-2011

State	2006	2007	2008	2009	2010	2011
	Harvested					
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
New Jersey	3,100	3,100	3,100	3,100	3,100	3,000
Massachusetts	13,500	13,000	13,000	13,000	13,000	1,300
Oregon	2,700	2,700	2,700	2,700	2,700	2,800
Washington	1,700	1,700	1,700	1,700	1,700	1,700
Wisconsin	17,500	17,600	17,700	18,000	18,000	1,800
U.S. Total	38,500	38,100	38,200	38,500	38,500	38,500

¹ Preliminary.

New Jersey: Cranberries, Yield Per Acre, by State, 2006-2011¹

State	2006	2007	2008	2009	2010	2011
	Yield Per Acre					
	<i>Barrels</i>	<i>Barrels</i>	<i>Barrels</i>	<i>Barrels</i>	<i>Barrels</i>	<i>Barrels</i>
New Jersey	156.5	171.3	165.2	179.0	181.3	170.0
Massachusetts	139.7	117.1	182.6	139.8	145.5	180.8
Oregon	172.2	183.3	148.1	159.3	106.3	128.9
Washington	67.1	103.5	64.1	94.7	63.6	68.1
Wisconsin	225.1	217.6	252.5	219.4	220.0	245.0
U.S. Total	179.0	172.0	205.9	179.6	176.9	201.1

¹ Preliminary.

New Jersey: Cranberries, Total Production, by State, 2006-2011¹

State	2006	2007	2008	2009	2010	2011
	Total Production					
	<i>Barrels</i>	<i>Barrels</i>	<i>Barrels</i>	<i>Barrels</i>	<i>Barrels</i>	<i>Barrels</i>
New Jersey	485,000	531,000	512,000	555,000	562,000	510,000
Massachusetts	1,886,000	1,522,000	2,374,000	1,817,000	1,891,000	2,350,000
Oregon	465,000	495,000	400,000	430,000	290,000	358,000
Washington	114,000	176,000	109,000	161,000	108,200	115,700
Wisconsin	3,940,000	3,830,000	4,470,000	3,950,000	3,960,000	4,410,000
U.S. Total	6,890,000	6,554,000	7,865,000	6,913,000	6,808,200	7,711,700

¹ Preliminary.

Agricultural Chemical Usage

2011 Fruit Summary

Overview

The National Agricultural Statistics Service (NASS) Agricultural Chemical Use program is the U.S. Department of Agriculture's official source of statistics about on-farm and post-harvest fertilizer and pesticide use and pest management practices. In the fall of 2011, NASS collected data about chemical use and pest management practices for 23 fruit crops in 12 states. In New Jersey, blueberry and peaches were covered by the 2011 Fruit Chemical Usage Survey.

Pest Management Practice

Fruit producers reported using several management practices to aid in the deterrence of pests through prevention, monitoring, and suppression. In New Jersey, producers practiced prevention, monitoring, and suppression to effectively control pests of fruit crops.

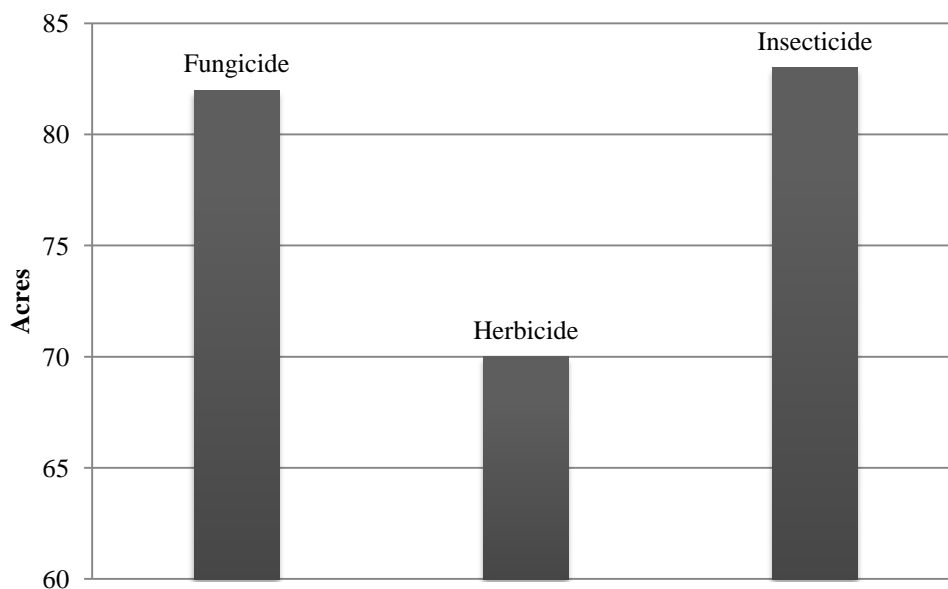
Pest Management Practices in New Jersey	% of Acres Planted	% of All Fruit Operations
Practice, Prevention		
Equipment & Implements Cleaned After Field Work To Reduce Spread Of Pests.....	88	60
Crop Acres Irrigated.....	86	55
Field Edges, Ditches, Or Fence Lines Were Chopped, Sprayed, Mowed, Plowed, Or Burned.....	86	67
Crop Acres Cultivated For Weed Control.....	53	59
Crop Residues Removed Or Burned Down.....	30	42
Water Mgmt Practices Used.....	29	8
Practice, Monitoring		
Scouted For Insects & Mites.....	96	88
Scouted For Diseases.....	95	87
Scouted For Weeds.....	86	85
Scouted - For Pests Or Beneficial Organisms By Deliberately Going To The Crop Acres Or Growing Areas.....	85	53
Weather Data Used To Assist Decisions.....	77	44
Scouted For Weeds - By Operator, Partner, Or Family Member.....	75	91
Written Or Electronic Records Kept To Track The Activity Of Pests.....	67	26
Scouted - For Pests Due To A Pest Advisory Warning.....	62	22
Scouted - For Pests Due To A Pest Development Model.....	62	20
Scouted For Diseases - By Operator, Partner, Or Family Member.....	54	82
Scouted For Insects & Mites - By Operator, Partner, Or Family Member.....	54	82
Scouted - Established Process Used.....	47	23
Diagnostic Laboratory Services Used For Pest Detection Via Soil Or Plant Tissue Analysis.....	45	17
Scouted For Diseases - By Independent Crop Consultant Or Commercial Scout.....	36	14
Field Mapping Data Used To Assist Decisions.....	32	13
Scouted For Insects & Mites - By Independent Crop Consultant Or Commercial Scout.....	30	14
Scouted - For Pests Or Beneficial Organisms By Conducting General Observations While Performing Routine Tasks.....	13	43
Scouted For Insects & Mites - By Employee.....	12	2
Scouted For Weeds - By Independent Crop Consultant Or Commercial Scout.....	12	5
Scouted For Diseases - By Farm Supply Company Or Chemical Dealer.....	9	3
Scouted For Weeds - By Employee.....	8	1
Scouted For Insects & Mites - By Farm Supply Company Or Chemical Dealer.....	4	3
Scouted For Weeds - By Farm Supply Company Or Chemical Dealer.....	4	3
Scouted - For Pests Or Beneficial Organisms - Not Scouted.....	2	4
Scouted For Diseases - By Employee.....	1	1
Practice, Suppression		
Biological Pesticides Applied.....	9	6
Beneficial Organisms Applied Or Released.....	11	7
Floral Lures, Attractants, Repellants, Pheromone Traps, Or Biological Pest Controls Used.....	36	24
Ground Covers, Mulches, Or Other Physical Barriers Maintained.....	41	29
Pesticides With Different Mechanisms Of Action Used To Keep Pest From Becoming Resistant To Pesticides.....	70	31
Scouting Data Compared To Published Information To Assist Decisions.....	70	37

Blueberries: New Jersey, 2011 ¹

Active Ingredient	Total Applied	Rate Per Application	Application Rate Per Crop Year	Number of Applications	Area Treated
	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>number</i>	<i>percent</i>
Fungicide					
Azoxystrobin	1,800	0.188	0.422	2.2	54
Boscalid	300	0.301	0.346	1.2	10
Calcium Polysulfide	5,000	12.942	13.150	1.0	5
Captan	13,700	2.099	4.129	2.0	43
Fenbuconazole	600	0.153	0.228	1.5	34
Mono-Potassium Salt	3,600	1.848	3.824	2.1	12
Ziram	30,000	2.918	5.419	1.9	72
Herbicide					
Diuron	4,700	1.412	1.580	1.1	39
Flumioxazin	600	0.256	0.264	1.0	28
Norflurazon	6,200	2.663	2.958	1.1	27
Oryzalin	7,500	3.438	3.646	1.1	27
Paraquat	1,000	0.585	0.707	1.2	18
Terbacil	1,100	0.594	0.665	1.1	22
Insecticide					
Acetamiprid	200	0.081	0.108	1.3	22
Carbaryl	800	1.733	2.679	1.5	4
Diazinon	900	0.567	0.627	1.1	19
Esfenvalerate	100	0.033	0.062	1.9	14
Imidacloprid	100	0.073	0.086	1.2	20
Malathion	600	1.065	1.982	1.9	4
Methomyl	2,100	0.676	0.971	1.4	29
Phosmet	6,600	1.000	2.000	1.9	51

¹ Does not include active ingredients not published in order to avoid disclosure. For full table of ingredients used go to NASS, USDA, Quick Stats. <http://quickstats.nass.usda.gov>

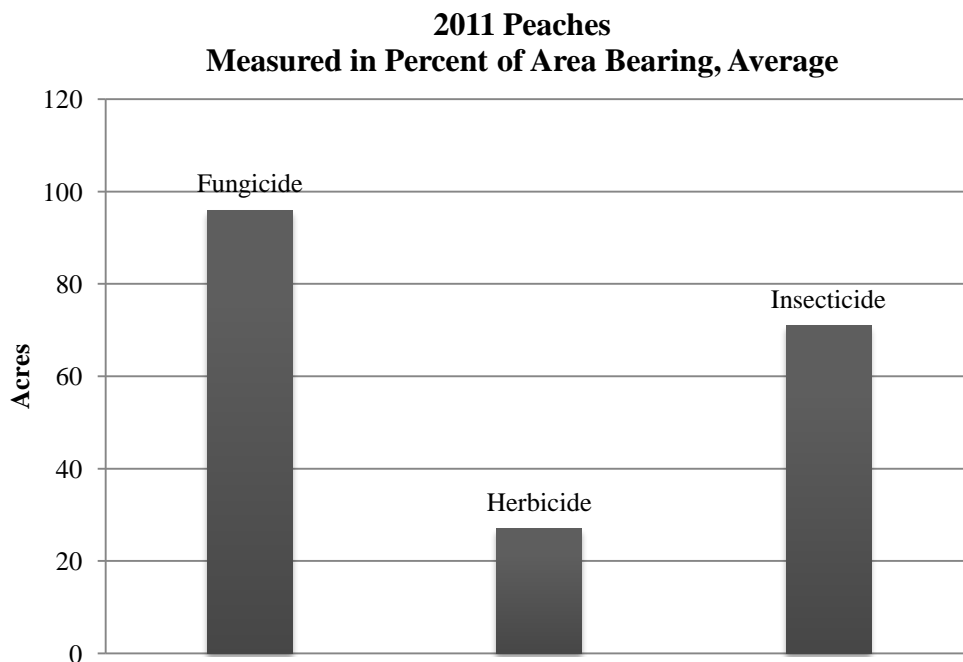
2011 Blueberries Measured in Percent of Area Bearing, Average



Peaches: New Jersey, 2011 ¹

Active Ingredient	Total Applied	Rate Per Application	Application Rate Per Crop Year	Number of Applications	Area Treated
	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>number</i>	<i>percent</i>
Fungicide					
Boscalid	100	0.172	0.315	1.8	3
Captan	10,100	1.509	4.420	2.9	41
Chlorothonil	6,700	1.981	3.839	1.9	32
Copper Hydroxide	800	0.096	0.661	6.9	22
Fenbuconazole	200	0.242	0.756	3.1	4
Oxytetracycline Calc	900	0.224	0.961	4.3	17
Propiconazole	1,000	0.113	0.670	5.9	28
Pyraclostobin	(Z)	0.087	0.160	1.8	3
Sulfur	135,500	9.005	52.850	5.9	47
Thiophanate-Methyl	1,200	0.517	1.467	2.8	15
Trifloxystrobin	700	0.082	0.326	4.0	38
Herbicide					
Paraquat	300	0.273	0.274	1.0	21
Simazine	1,900	1.719	1.770	1.0	19
Insecticide					
Chlorpyrifos	300	1.729	1.749	1.0	3
Cyfluthrin	(Z)	0.024	0.041	1.7	20
Esfenvalerate	100	0.049	0.120	2.4	23
Permethrin	2,400	0.232	1.167	5.0	37
Phosmet	2,600	0.950	3.115	3.3	15
Thiamethoxam	1,100	0.085	0.451	5.3	44

¹ Does not include active ingredients not published in order to avoid disclosure. For full table of ingredients used go to NASS, USDA, Quick Stats. <http://quickstats.nass.usda.gov>



Blueberries: Applications, Measured in Lbs, Program States, 2011

State	Bearing Acreage	Fungicide	Herbicide	Insecticide	Other
Georgia	12,000	39,100	21,200	33,900	1,100
Michigan	18,700	106,400	23,900	45,500	4,800
New Jersey	7,700	56,000	22,800	12,900	400
North Carolina .	5,800	12,900	11,900	24,800	1,500
Oregon	7,800	34,700	23,700	15,600	11,100
Washington	7,000	74,000	23,900	16,500	8,200

Blueberries: Treated, Measured in Percent of Area Planted, Average, Program States, 2011

State	Bearing Acreage	Fungicide	Herbicide	Insecticide	Other
Georgia	12,000	80	67	72	22
Michigan	18,700	94	51	96	24
New Jersey	7,700	82	70	83	8
North Carolina .	5,800	88	80	93	8
Oregon	7,800	82	67	68	33
Washington	7,000	88	72	82	43

Peaches: Applications, Measured in Lbs, Program States, 2011

State	Bearing Acreage	Fungicide	Herbicide	Insecticide	Other
California	47,500	660,300	50,100	14,100	631,700
Georgia	10,200	360,100	1,200	8,600	(D)
Michigan	3,700	104,800	3,000	12,800	1,300
New Jersey	5,500	168,800	6,700	9,600	(D)
Pennsylvania	4,400	66,900	4,100	10,500	8,200
South Carolina .	15,500	1,194,600	4,200	73,100	24,400
Texas	4,300	12,300	4,900	4,400	1,500

Peaches: Treated, Measured in Percent of Area Planted, Average, Program States, 2011

State	Bearing Acreage	Fungicide	Herbicide	Insecticide	Other
California	47,500	72	42	49	57
Georgia	10,200	95	8	95	(D)
Michigan	3,700	94	32	92	16
New Jersey	5,500	96	27	71	(D)
Pennsylvania	4,400	71	28	69	20
South Carolina .	15,500	99	20	65	11
Texas	4,300	56	40	58	11

LIVESTOCK AND LIVESTOCK PRODUCTS 2011

All cattle and calves on farms January 1, 2012, in New Jersey totaled 31,000 head, down 1,000 head from the previous year. Value per head increased \$80 from the previous year to \$1,080. The 2012 inventory value was estimated at \$33.5 million, \$1.5 million more than the total from a year ago.

Cattle: The total number of milk cows and beef cows on January 1, 2012, was 7,500 head and 8,000 head, respectively, with milk cows unchanged and beef cows down 1,000 head from the previous year. Of the total cattle and calf inventory, cows that have calved accounted for 50.0 percent. Heifers weighing 500 pounds or more totaled 7,500 head, 24 percent of total inventory. Of these, 4,000 were milk cow replacements, 2,000 were beef cow replacements, and 1,500 were intended for slaughter. There were 2,000 steers weighing 500 pounds and over, 6.5 percent of all cattle and calves. Bulls at 500 pounds and over numbered 1,000 head or 3 percent of the total inventory. Calves less than 500 pounds accounted for the remaining 5,000 animals, 16 percent of all cattle and calves on January 1, 2012. The 2011 calf crop totaled 11,000 head, down 1,000 head from the previous year.

Milk: Milk production in the Garden State totaled 136 million pounds, down 1.4 percent from the 138 million pounds produced in 2010. The average number of milk cows was 8,000 head, unchanged from last year. Milk per cow averaged 17,000 pounds in 2011 compared to 17,500 a year earlier. Value of production of milk totaled \$27.9 million during 2011, compared to \$23.5 million in 2010.

Hogs and Pigs: All hogs and pigs on New Jersey farms December 1, 2011 totaled 9,000 head, up 1,000 head from the previous year. Value per head averaged \$140, an increase of \$20 from 2010. The total value of the hog and pig inventory amounted to \$1,260,000, up \$300,000 from the previous year. Of the total hogs and pigs on farm in the state, 8 percent were kept for breeding and 92 percent were market hogs. The New Jersey pig crop totaled 5,200, down 13 percent from 2010.

Honey: Honey production in 2011 from producers with five or more colonies totaled 451,000 pounds, down 1 percent from the 455,000 pounds produced the year before. Beekeepers received an average price of 376 cents per pound in 2011, up 98 percent from the previous year. The value of production increased from the 2010 level of \$865,000 to \$1,696,000 in 2011.

New Jersey: Number of Livestock on Farms and Value, by Group, January 1, 2007-2012¹

Item and Unit	Number of Value					
	2007	2008	2009	2010	2011	2012
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
All cattle and calvesNo.	38	38	38	36	32	31
Total Value \$	45,600	47,500	45,600	37,080	32,000	33,480
Cows and heifers that have calved						
Beef cowsNo.	8.5	9.0	10.0	9.5	9.0	8.0
Milk cowsNo.	10.5	10.0	9.5	8.5	7.5	7.5
Heifers:						
Beef cows replacementNo.	2.0	2.0	2.5	2.2	2.0	2.0
Milk cow replacementNo.	5.0	5.0	5.0	4.8	4.0	4.0
OtherNo.	2.0	2.0	2.0	2.0	1.5	1.5
Steers, bulls and heifers:						
Steers, 500 lbs and overNo.	2.0	3.0	2.0	2.0	2.0	2.0
Bulls, 500 lbs and overNo.	1.0	1.0	1.0	1.0	1.0	1.0
Steers, heifers & bulls, under 500 lbsNo.	7.0	6.0	6.0	6.0	5.0	5.0
All hogs and pigs ²No.	9.0	9.0	8.0	8.0	8.0	9.0
Total value ² \$	900	738	800	752	960	1,260
Hogs and pigs						
Breeding ²No.	1.0	1.0	1.0	1.0	0.7	0.7
Marketing ²No.	8.0	8.0	7.0	7.0	7.3	8.3

¹ Preliminary.

² Estimates are for December 1, preceding year.

New Jersey: All Cattle and Calves, Number of Head, by County, 2007-2012¹

County	2007	2008	2009	2010	2011	2012
	<i>Number of Head</i>	<i>Number of Head</i>	<i>Number of Head</i>	<i>Number of Head</i>	<i>Number of Head</i>	<i>Number of Head</i>
North District						
Hunterdon	5,300	5,300	5,300	5,000	4,500	4,300
Somerset	1,900	1,900	1,900	1,800	1,600	1,600
Sussex	6,200	6,200	6,200	5,900	5,300	5,100
Warren	8,000	8,000	8,000	7,500	6,700	6,500
Central District						
Burlington	2,100	2,000	2,000	1,900	1,700	1,600
Mercer	---	600	600	500	500	500
Monmouth	---	700	700	700	600	600
Ocean	---	500	500	500	---	---
South District						
Cumberland	1,300	1,300	1,300	1,200	1,100	1,100
Gloucester	2,500	2,500	2,500	2,400	2,100	2,000
Salem	8,000	8,000	8,000	7,600	6,700	6,500
Other counties ²						
Total	38,000	38,000	38,000	36,000	32,000	31,000

¹ Preliminary.

² The other counties could come from any district.

New Jersey: All Cattle and Calves and Hogs and Pigs Production, Disposition, and Income, 2006-2011 ¹

Item	2006	2007	2008	2009	2010	2011
Cattle and Calves						
Calf Crop	14,000	14,000	14,000	13,500	12,000	11,000
Inshipments	1,100	400	500	500	1,300	1,800
Marketings ²						
Cattle	8,000	4,500	4,900	6,200	7,500	5,500
Calves	8,600	7,400	7,600	7,900	8,100	6,600
Price per hundredweight						
Cattle	\$ 53.00	\$ 52.00	\$ 55.00	\$ 47.00	\$ 55.00	(⁵)
Calves	\$ 140.00	\$ 94.00	\$ 82.00	\$ 78.00	\$ 83.00	(⁵)
Cash Receipts ³	\$1,000 9,782	\$1,000 5,327	\$1,000 5,187	\$1,000 5,549	\$1,000 7,070	\$1,000 8,898
Gross Income	\$1,000 10,707	\$1,000 6,070	\$1,000 5,960	\$1,000 6,225	\$1,000 7,836	\$1,000 10,269
Hogs and Pigs						
Pig Crops	5,700	7,000	6,900	8,800	6,000	5,200
Inshipments	19,000	19,000	19,000	19,000	19,000	19,000
Marketing ²	24,100	24,500	26,400	27,300	24,500	22,700
Price per hundredweight	\$ 37.60	\$ 40.40	\$ 38.60	\$ 33.00	\$ 49.00	(⁵)
Cash Receipts ^{3 4}	\$1,000 858	\$1,000 929	\$1,000 940	\$1,000 832	\$1,000 1,150	\$1,000 1,434
Gross Income	\$1,000 953	\$1,000 1,036	\$1,000 1,041	\$1,000 923	\$1,000 1,287	\$1,000 1,592

¹ Preliminary.

² Includes custom slaughter for farm use on farms where produced and state outshipments, but excludes interfarm sales within the state.

³ Receipts from marketings and sales of farm slaughter.

⁴ Includes allowance for higher average price of state inshipments and outshipments of feeder pigs.

⁵ Not available.

New Jersey: Cattle Slaughtered in Commercial Plants, by Month, 2010 and 2011 ¹

Month	Cattle Slaughtered			
	2010		2011	
	Head	Total Liveweight	Head	Total Liveweight
	<i>1,000</i>	<i>1,000lbs</i>	<i>1,000</i>	<i>1,000lbs</i>
January	2.8	3,147	3.3	3,693
February	2.6	3,011	3.2	3,566
March	3.3	3,798	3.6	4,036
April	3.4	3,819	3.2	3,566
May	3.1	3,493	3.4	3,841
June	3.5	3,936	3.6	4,022
July	3.3	3,682	3.4	3,855
August	3.7	4,236	4.0	4,550
September	3.3	3,736	3.5	4,069
October	3.4	3,895	3.4	3,881
November	3.6	4,080	3.3	3,670
December	3.4	3,866	3.1	3,489
Total ²	39.5	44,698	41.0	46,238

¹ Includes slaughter in federally inspected and other slaughter plants, but excludes animals slaughtered on farms.

² May not add due to rounding.

New Jersey: Pasture Condition as a Percent of Normal, 2006-2011

Year	May 1	June 1	July 1	August 1	September 1	October 1	November 1
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
2006	65	80	85	75	75	85	80
2007	80	75	80	75	85	70	70
2008	75	80	80	80	70	75	75
2009	80	85	85	90	85	85	85
2010	90	90	75	75	70	75	80
2011	95	95	95	85	95	95	95

¹ Conditions as a percent of normal for the first of the month as reported on weekly surveys.

**New Jersey: Number of Honey Producing Colonies
Yield, Production, Price, and Value of Production, 2006 - 2011³**

Year	Number of Honey Producing Colonies ¹	Yield of Honey per Colony	Total Honey Production	Average Price per Pound ²	Value of Production
	<i>1,000</i>	<i>pounds</i>	<i>1,000 lbs</i>	<i>cents</i>	<i>\$1,000</i>
2006	9	36	324	114	369
2007	9	57	513	196	1,005
2008	9	40	360	162	583
2009	11	32	352	236	831
2010	13	35	455	190	865
2011	11	41	451	376	1,696

¹ Includes producers with five or more colonies. Colonies which produced honey in more than one state were counted in each state.

² All color class included and weighted by sale.

³ Preliminary.

New Jersey: Milk Production, by Quarter, 2006-2011¹

Item and Unit	2006	2007	2008	2009	2010	2011
January - March						
Average number of milk cows Number	11,500	10,500	10,000	9,500	8,500	8,000
Total milk production Million lbs	48	43	44	43	37	35
April - June						
Average number of milk cows Number	11,000	10,000	10,000	9,000	8,000	8,000
Total milk production Million lbs	47	43	45	42	36	36
July - September						
Average number of milk cows Number	10,500	10,000	9,500	9,000	7,500	7,500
Total milk production Million lbs	42	41	40	40	34	33
October - December						
Average number of milk cows Number	10,500	10,000	9,500	8,500	7,500	7,500
Total milk production Million lbs	41	41	40	36	33	32

¹ Preliminary.

New Jersey: Milk Production, Disposition and Income, 2006-11¹

Item and Unit	2006	2007	2008	2009	2010	2011
Average number of milk cows Number	11,000	10,000	10,000	9,000	8,000	8,000
Milk per cow Pound	16,182	16,800	16,900	17,889	17,500	17,000
Total milk production ² Million lbs	178	168	169	161	140	136
Disposition of milk produced:						
Used on farm Million lbs	3	3	3	2	2	2
Sold to plants Million lbs	189	175	165	159	138	134
Prices received for milk by farmers ³\$/cwt	13.40	19.60	18.50	12.80	16.80	20.50

¹ Preliminary.

² Includes milk produced by institutional herds.

³ Cash receipts from marketings of milk and cream plus value of milk used for home consumption.

New Jersey: Milk Production, Disposition and Income, Cash Receipts 2006-2011¹

Item and Unit	2006	2007	2008	2009	2010	2011
Totals sold to plants and dealers\$1,000	23,450	32,340	30,895	20,352	23,184	27,470
Gross Income (including home use) ²\$1,000	23,584	32,536	30,988	20,416	23,268	27,573
Total value ³ (including milk fed to calves)\$1,000	23,852	32,928	31,265	20,608	23,520	27,880

¹ Preliminary.

² Cash receipts from marketings of milk and cream plus value of milk used for home consumption.

³ Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

INCOME AND EXPENSE 2011

Cash Receipts: New Jersey commodity cash receipts from farm marketings totaled \$1.12 billion for the 2011 calendar year. This was \$77.3 million (7 percent) above the 2010 cash receipts of \$1.04 billion. Cash Receipts increased across all categories in 2011, from .1 percent for the combined greenhouse, nursery, Christmas trees and sod categories to 31 percent for the field crops category.

Field Crops: Receipts for field crops in 2011 totaled \$112.2 million, up \$26.8 million from the previous year. Wheat cash receipts showed the largest percentage increase from last year, at 85 percent, but all field crops except potatoes showed increase in cash receipts from 2010. Corn cash receipts increased 47 percent over last year, sweet potato cash receipts increased by 22 percent, soybean cash receipts increased 19 percent, hay cash receipts increased 14 percent and other field crops cash receipts increased 24 percent from 2010. Potato cash receipts were down 22 percent from last year.

Vegetables: All vegetable cash receipts, at \$236.7 million, were up 6 percent from the previous year's level of \$223.9 million. Snap beans increased by 83 percent to \$5.1 million from \$2.8 million in 2010, followed by escarole \$3.6 million, an increase of 41 percent over last year. Kale showed a 39 percent increase over last year, at \$1.9 million, while pumpkins increased by 38 percent to \$8.8 million. Eggplant, at \$8.7 million, increased by 37 percent over last year, cabbage rose by 34 percent to \$9.2 million, while sweet corn, at \$15.8 million increased 4 percent from 2010. Asparagus, at \$5.1 million increased 3 percent over last year. All lettuce cash receipts came in at \$11.8 million, 21 percent below last year, while green peppers declined by 10 percent to \$30.4 million. Fresh market tomatoes cash receipts, at \$31.5 million, fell by 3 percent from 2010 and cucumbers decreased by .1 percent to 15.6 million. Cash receipts for miscellaneous vegetables (crops not published separately) remained unchanged at \$57.6 million.

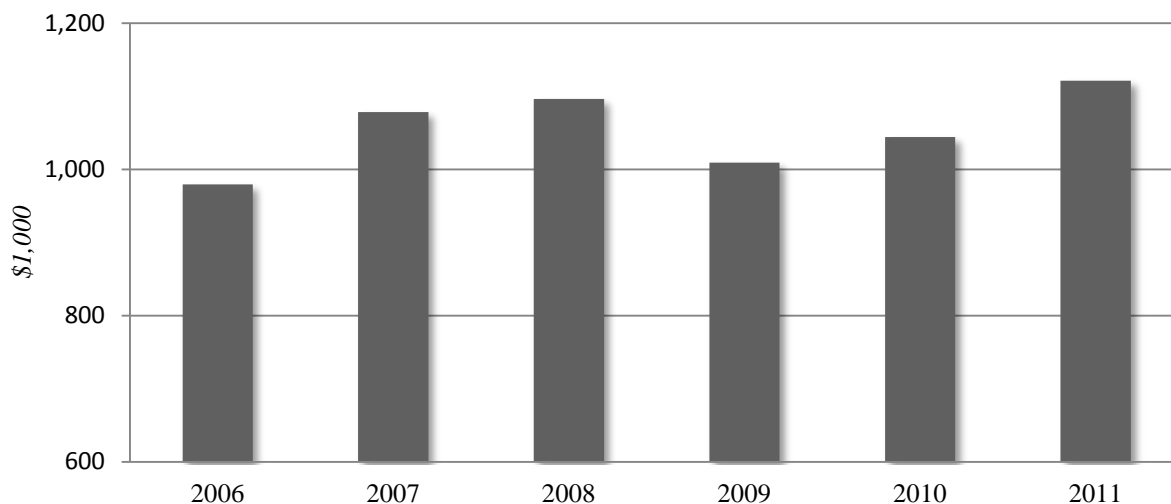
Fruit: All fruit cash receipts totaled \$192.1 million in 2011 compared to \$157.1 million in 2010, an increase of 22 percent. Blueberry cash receipts rose 51 percent from last year, totaling \$94.7 million. Cranberry cash receipts were \$26.0 million, down 14 percent from 2010. Apple cash receipts increased 4 percent above 2010, to \$21.5 million. Peach cash receipts totaled \$36.6 million, up 17 percent from last year.

Livestock: Livestock and livestock products cash receipts totaled \$126.7 million in 2011, up .1 percent from the 2010 level of \$126.6 million. The largest component of the livestock and livestock products cash receipts total was from the equine industry, which excludes purse and stake payments. Equine cash receipts totaled \$46 million in 2011 compared to \$59 million in 2010, a decrease of 22 percent. Meat animal cash receipts, at \$10.3 million, were up 26 percent from the 2010 level of \$8.2 million.

Poultry and eggs rose 23 percent from last year to \$30.7 million. Dairy products cash receipts totaled \$27.5 million in 2011, up 18 percent from the previous year. Other livestock cash receipts increased by .2 percent to \$10.0 million.

Real Estate Values: New Jersey farm real estate values, a measurement of the value of all land and buildings on farms, averaged \$12,200 per acre as of January 1, 2012, a decrease of 3.9 percent from last year. The Garden State ranked first among all states in farm real estate value per acre. Rhode Island's farm real estate value was ranked second, at \$12,000 per acre. Connecticut farm real estate value was ranked third, \$11,100 per acre, followed by Massachusetts at \$10,500 per acre. Delaware's farm real estate value ranked fifth, at \$8,100 per acre followed by Maryland's ranking of sixth, at \$7,200 per acre.

NEW JERSEY CASH RECEIPTS 2006-2011



Cash Receipts from New Jersey Farm Marketings, Commodity Totals, 2006-2011¹

Commodity	2006	2007	2008	2009	2010	2011
	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>
All Commodities	978,888	1,078,158	1,096,193	1,009,912	1,044,055	1,121,396
Livestock and Products	148,073	171,362	170,544	134,363	126,636	126,791
All Crops ²	830,815	906,797	925,649	875,549	917,419	994,605
Greenhouse, Nursery, Christmas Trees, and Sod	436,265	478,413	456,636	385,005	451,108	456,362

¹ Preliminary.

² All Crops is a total of field crops, vegetables, and fruits and berries.

Cash Receipts from New Jersey Farm Marketings, Livestock and Products, 2006-2011¹

Commodity	2006	2007	2008	2009	2010	2011
	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>
Livestock and Products	148,073	171,362	170,544	134,363	126,636	126,791
All Poultry and Eggs	24,484	37,837	45,746	30,316	24,903	30,730
Chicken Eggs	20,816	33,373	---	---	---	---
Other Poultry/Farm Chickens	2,901	3,216	---	---	---	---
Turkeys	767	1,248	---	---	---	---
Dairy Products	23,450	32,340	30,895	20,352	23,184	27,470
Horses ²	81,000	85,000	78,000	66,000	59,000	46,000
Meat Animals	10,641	6,256	6,127	6,381	8,220	10,332
Cattle and Calves	9,783	5,327	5,187	5,549	7,070	8,898
Hogs	858	929	940	832	1,150	1,434
Other Livestock	8,498	9,929	9,776	10,010	9,985	10,005

¹ Preliminary.

² Excludes purse and stake payments.

Cash Receipts from New Jersey Farm Marketings, All Field Crops, 2006-2011¹

Commodity	2006	2007	2008	2009	2010	2011
	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>
All Field Crops	57,065	73,354	98,604	89,176	85,345	112,183
Corn	13,719	25,496	37,311	28,631	30,077	44,385
Hay	8,810	6,890	7,344	7,102	6,417	7,332
Potatoes	5,029	4,419	5,905	4,689	4,595	3,585
Soybeans	15,717	20,937	25,830	30,109	27,193	32,536
Sweet Potatoes	4,343	3,854	3,682	3,926	4,268	5,217
Wheat	4,967	7,515	13,971	8,078	5,447	10,075
Other Field Crops	4,215	3,816	3,971	6,430	7,248	8,954

¹ Preliminary.

Cash Receipts from New Jersey Farm Marketings, Fresh Market Vegetables, 2006-2011¹

Commodity	2006	2007	2008	2009	2010	2011
	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>
Vegetables, Fresh Market:	131,437	128,491	154,372	174,602	162,102	174,799
Asparagus	3,800	2,875	4,420	3,600	5,005	5,148
Cabbage	6,009	7,148	7,776	8,777	6,902	9,240
Collards	2,579	2,981	2,635	4,079	2,940	3,488
Cucumbers	13,352	11,499	13,086	11,284	15,725	15,574
Eggplant	4,720	4,945	7,125	8,352	6,321	8,671
Escarole	2,023	2,489	2,632	3,292	2,578	3,630
Kale	1,531	1,166	1,525	1,637	1,356	1,879
Lettuce, All	4,691	4,968	7,617	13,788	14,923	11,759
Peppers, Bell	27,848	29,295	32,922	31,366	33,800	30,384
Pumpkins	5,200	3,029	5,260	7,388	6,376	8,813
Snap Beans	3,395	3,807	4,275	5,122	2,761	5,060
Spinach	10,043	6,816	10,416	8,770	5,462	8,370
Squash	7,600	8,798	12,528	10,400	10,304	15,471
Sweet Corn	19,019	15,053	15,510	22,805	15,263	15,827
Tomatoes	19,627	23,622	26,645	33,942	32,386	31,485
Vegetables, Processing	3,188	2,441	4,711	4,885	4,147	4,330
Vegetables, Miscellaneous	38,222	50,180	52,100	63,110	57,608	57,607

¹ Preliminary.

Cash Receipts from New Jersey Farm Marketings, All Fruits and Berries, 2006-2011¹

Commodity	2006	2007	2008	2009	2010	2011
	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>	<i>\$1,000</i>
All Fruits and Berries	164,637	173,918	157,227	158,770	157,109	192,054
Apples	15,416	14,577	11,929	17,182	20,635	21,539
Blueberries	83,720	90,240	81,990	65,260	62,510	94,700
Cranberries	18,816	24,479	27,443	31,136	31,247	26,010
Peaches	35,700	32,832	23,920	33,660	31,280	36,600
Strawberries ²	3,200	3,010				
Other Fruits and Berries	7,785	8,780	11,945	12,425	12,110	13,20

¹ Preliminary.

² Included with other fruits and berries after 2007.

**New Jersey: Value Added to the U.S. Economy by the Agricultural Sector
Via the Production of Goods and Services, 2006-2011¹**

Item	2006	2007	2008	2009	2010	2011
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Value of crop production	833,465	907,913	926,410	883,622	906,206	1,007,636
Food grains	4,967	7,515	13,791	8,078	5,564	10,075
Feed crops	22,714	32,712	45,144	35,770	35,776	51,716
Oil crops	15,717	20,937	25,830	30,109	27,396	32,536
Fruits and tree nuts	164,637	173,918	15,727	159,663	157,782	192,054
Vegetables	182,219	189,385	220,770	251,212	231,892	245,538
All other crops	440,561	482,329	462,707	391,535	458,403	462,686
Home consumption	706	506	649	601	746	552
Value of inventory adjustment ²	1,944	611	112	6,654	(11,353)	12,479
Value of livestock production	144,328	173,010	169,942	132,319	122,744	127,224
Meat animals	10,641	6,256	6,127	6,381	8,220	10,332
Dairy products	23,450	32,340	30,895	20,352	23,184	27,470
Poultry and eggs	24,484	37,837	45,746	30,316	24,952	30,730
Miscellaneous livestock	89,498	94,929	87,776	76,039	68,984	58,259
Home consumption	1,362	1,312	1,474	1,466	1,486	1,341
Value of inventory adjustment ²	(5,107)	336	(2,076)	(2,235)	(4,082)	(908)
Revenues from services and forestry	202,666	209,229	206,639	214,379	155,881	175,718
Machine hire and custom work	5,212	5,374	4,683	8,839	14,927	8,354
Forest products sold	1,320	1,405	1,405	1,405	1,405	1,405
Other farm income	55,534	81,213	88,600	82,679	21,718	43,301
Gross imputed rental value of farm dwellings	140,600	121,237	111,951	121,456	117,831	122,658
Value of agricultural sector production	1,180,459	1,290,152	1,302,991	1,230,320	1,184,831	1,310,578
less: Purchased Inputs	418,329	505,097	519,952	494,645	479,388	504,973
Farm origin	109,469	131,658	144,167	136,424	135,414	144,820
Feed purchased	26,830	29,894	33,439	29,025	32,153	35,743
Livestock and poultry purchased	1,243	1,099	1,134	1,052	1,785	2,730
Seed purchased	81,396	100,665	109,594	106,347	101,476	106,347
Manufactured inputs	120,389	141,847	159,279	138,491	138,557	154,713
Fertilizers and lime	35,139	37,137	51,711	39,115	42,940	45,991
Pesticides	25,639	30,499	28,828	32,588	28,410	33,424
Petroleum fuels and oils	45,446	56,598	61,424	49,368	51,440	59,735
Electricity	14,165	17,613	17,316	17,420	15,767	15,563
Other purchased inputs	188,471	231,592	216,506	219,730	205,417	205,440
Repairs and maintenance of capital items	58,927	64,094	61,028	56,406	53,635	67,244
Machine hire and custom work	8,431	7,925	7,826	10,022	8,020	9,293
Mrketing, storage, and transportation exp.	30,385	36,142	31,569	37,307	35,414	35,515
Contract labor	17,726	22,386	15,643	19,641	16,231	15,987
Miscellaneous expenses	73,002	101,045	100,440	96,354	92,117	77,401
plus: Net government transaction	(44,957)	(64,267)	(63,551)	(53,892)	(49,583)	(65,727)
+ Direct Government payments	17,868	10,563	17,220	17,490	22,054	17,143
- Motor vehicle registration and licensing fee	1,869	2,747	1,798	1,949	1,674	1,777
- Property taxes	60,956	72,083	78,973	69,433	69,963	81,093
Gross value added	717,174	720,789	719,488	681,783	655,860	739,878
less: Capital consumption	116,010	120,942	130,534	136,745	139,691	146,597
Net value added	601,164	599,847	588,954	540,038	516,169	593,281
less: Payments to stockholders	226,784	274,574	254,079	255,448	250,870	205,831
Employee compensation (total hired labor)	211,992	256,739	245,122	236,001	227,652	186,717
Net rent received by nonoperator landlords	(24,277)	(23,034)	(33,047)	(21,975)	(16,412)	(19,408)
Real estate and nonreal estate interest	39,069	40,869	42,004	41,422	39,630	38,522
Net farm income	374,380	325,273	334,875	289,590	265,299	387,450

¹ Value of agricultural sector production is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the national economy and is the sum of the income from production earned by all factors of production, regardless of ownership. Net farm income is the farm operator's share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development.

² A positive value of inventory change represents current-year production not sold by December 31. A negative value () is an offset to production from prior years included in current-year sales.

Source: Economic Research Service, Farm Income and Balance Sheet

Agricultural Exports: New Jersey

	2007	2008	2009	2010	2011
	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>
Beef and veal.....	0.3	0.3	0.4	0.6	0.8
Pork.....	0.2	0.3	0.2	0.3	0.4
Hides and skins.....	0.2	0.2	0.2	0.3	0.4
Dairy products.....	2.7	3.3	1.9	2.7	3.3
Chicken meat.....	0.0	0.0	0.0	0.0	0.0
Vegetables, fresh.....	17.8	21.9	23.8	24.4	26.2
Vegetables, processed.....	24.4	35.5	38.3	38.0	42.5
Fruits, fresh.....	42.3	40.5	41.8	43.7	54.9
Fruits, processed.....	28.0	26.5	26.8	27.1	35.0
Tree nuts.....	0.0	0.0	0.0	0.0	0.0
Wheat.....	5.5	10.2	3.7	3.3	7.7
Rice.....	0.0	0.0	0.0	0.0	0.0
Corn.....	7.3	10.4	5.9	6.3	9.5
Grain products.....	2.5	3.1	2.9	3.2	3.8
Feeds and fodder.....	1.2	1.2	0.7	0.8	1.0
Soybeans.....	9.1	15.1	14.7	14.6	15.2
Oilcake and meal.....	1.8	2.9	3.0	2.7	2.6
Vegetable oils.....	2.1	3.4	2.6	2.8	3.2
Sugar and products.....	0.0	0.0	0.0	0.0	0.0
Cotton.....	0.0	0.0	0.0	0.0	0.0
Tobacco, unmanufactured.....	0.0	0.0	0.0	0.0	0.0
Planting seeds.....	0.1	0.1	0.1	0.1	0.1
Other products ¹	208.5	228.1	199.4	251.2	261.1
Total agricultural exports.....	353.9	403.1	366.3	422.1	467.8

¹ Includes live animals, other meats, animal parts, eggs, wine, beer, other beverages, coffee, cocoa, hops, nursery crops, inedible materials, and prepared foods.
Data sources: USDA Economic Research Service; USDA Foreign Agricultural Service (Global Agricultural Trade System).

Agricultural Exports: United States

	2007	2008	2009	2010	2011
	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>
Beef and veal.....	2,623.6	3,195.7	3,081.5	4,079.2	5,419.9
Pork.....	3,155.5	4,795.9	4,284.2	4,780.9	6,107.8
Hides and skins.....	2,165.9	2,064.1	1,464.9	2,283.8	2,661.5
Dairy products.....	2,978.2	3,752.7	2,235.1	3,690.4	4,779.8
Chicken meat.....	2,738.2	3,514.3	3,293.0	3,125.5	3,646.0
Vegetables, fresh.....	1,815.4	1,955.1	1,917.9	2,102.2	2,220.8
Vegetables, processed.....	2,491.5	3,168.7	3,090.3	3,273.5	3,601.7
Fruits, fresh.....	3,140.0	3,622.3	3,513.2	3,982.6	4,497.8
Fruits, processed.....	2,078.6	2,373.0	2,248.1	2,470.2	2,869.1
Tree nuts.....	3,151.0	3,483.6	3,802.4	4,528.4	5,416.9
Wheat.....	8,364.7	11,290.3	5,375.5	6,762.2	11,146.8
Rice.....	1,392.4	2,205.2	2,175.9	2,339.8	2,110.2
Corn.....	9,762.6	13,431.0	8,746.0	9,808.4	13,671.9
Grain products.....	3,335.0	3,479.1	3,527.8	3,691.3	4,097.6
Feeds and fodder.....	3,191.0	4,161.8	4,162.6	5,139.6	5,744.5
Soybeans.....	9,992.1	15,430.9	16,423.2	18,564.1	17,563.2
Oilcake and meal.....	2,212.0	3,271.1	3,582.1	3,653.7	3,290.0
Vegetable oils.....	2,502.8	3,899.9	3,091.7	3,903.1	4,016.5
Sugar and products.....	1,143.4	1,188.2	1,132.1	1,537.1	1,804.9
Cotton.....	4,588.7	4,811.9	3,365.5	5,895.9	8,467.5
Tobacco, unmanufactured.....	1,207.9	1,238.0	1,159.0	1,167.3	1,149.0
Planting seeds.....	1,019.7	1,277.3	1,150.4	1,252.2	1,410.3
Other products ¹	14,941.6	17,151.4	15,631.8	17,788.2	20,680.6
Total agricultural exports.....	89,991.8	114,761.4	98,453.9	115,819.7	136,374.4

¹ Includes live animals, other meats, animal parts, eggs, wine, beer, other beverages, coffee, cocoa, hops, nursery crops, inedible materials, and prepared foods.
Data sources: USDA Economic Research Service; USDA Foreign Agricultural Service (Global Agricultural Trade System).

New Jersey: Number of Certified Nurseries and Acres in Nursery Stock, 2008-2011

County	Number of Certified Nurseries				Acreage in Nursery Stock			
	2008	2009	2010	2011	2008	2009	2010	2011
North District					<i>acres</i>	<i>acres</i>	<i>acres</i>	<i>acres</i>
Bergen	31	31	31	31	90.9	92.3	90.5	104.4
Essex	6	6	6	5	12.8	13.6	14.6	14.8
Hudson	1	1	1	1	0.5	1.0	1.0	1.0
Hunterdon	87	88	86	86	1,035.0	1,071.0	1,118.9	1,103.2
Morris	43	42	41	41	291.7	246.7	242.1	262.2
Passaic	6	6	6	6	11.7	11.7	11.2	16.2
Somerset	36	40	37	39	285.7	292.2	314.8	305.8
Sussex	24	22	22	19	142.0	144.4	135.2	143.5
Union	11	12	12	11	27.2	27.2	27.3	37.5
Warren	21	22	24	25	98.9	70.2	71.4	115.9
Central District								
Burlington	113	108	109	104	1,944.8	1,842.3	1,795.8	1,754.3
Mercer	57	58	60	59	661.2	759.8	777.8	748.2
Middlesex	73	72	70	67	718.0	796.2	769.2	737.5
Monmouth	189	191	182	161	3,687.7	3,315.9	3,320.1	2,773.7
Ocean	30	27	27	26	133.4	131.6	129.3	135.7
South District								
Atlantic	56	56	57	55	326.2	316.4	307.7	297.6
Camden	22	21	22	19	72.7	75.9	70.8	74.5
Cape May	31	31	29	28	390.3	394.9	476.4	481.2
Cumberland	258	261	263	244	7,184.0	7,108.3	7,326.8	6,839.6
Gloucester	109	105	99	94	1,263.6	1,242.4	1,195.6	1,120.2
Salem	80	79	74	70	1,046.3	1,107.2	1,106.1	1,090.2
Total	1,284	1,279	1,259	1,193	19,424.2	19,061.2	19,299.5	18,157.1

SOURCE: Division of Plant Industry, New Jersey Department of Agriculture.

New Jersey: Number of Farms, Land in Farms^{1 2}, and Average Size of Farms, 1958-2011

Year	Number of Farms		Land in Farms		Average Size of Farm	
	New Jersey	United States	New Jersey	United States	New Jersey	United States
	<i>number</i>	<i>number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>acres</i>	<i>acres</i>
1958	18,000	4,232,900	1,530	1,184,944	85	280
1959	17,000	4,104,520	1,500	1,182,563	88	288
1960	15,800	3,962,520	1,460	1,175,646	92	297
1961	15,200	3,825,410	1,440	1,167,699	95	305
1962	14,600	3,692,410	1,410	1,159,383	97	314
1963	13,300	3,572,200	1,370	1,151,572	103	322
1964	12,000	3,456,690	1,300	1,146,106	108	332
1965	11,000	3,356,170	1,220	1,139,597	111	340
1966	10,000	3,257,040	1,160	1,131,844	116	348
1967	9,500	3,161,730	1,120	1,123,456	118	355
1968	9,100	3,070,860	1,080	1,115,231	119	363
1969	8,900	3,000,180	1,080	1,107,811	121	369
1970	8,600	2,949,140	1,060	1,102,371	123	374
1971	8,500	2,902,310	1,050	1,096,863	124	378
1972	8,500	2,859,880	1,045	1,092,065	123	382
1973	8,500	2,823,260	1,035	1,087,923	122	385
1974	8,400	2,795,460	1,030	1,084,433	123	388
1975	8,600	2,521,420	1,035	1,059,420	120	420
1976	8,900	2,497,270	1,020	1,054,075	115	422
1977	8,600	2,455,830	1,000	1,047,785	116	427
1978	9,000	2,436,250	1,040	1,044,790	116	429
1979	9,600	2,437,300	1,030	1,042,015	107	428
1980	9,400	2,439,510	1,020	1,038,885	109	426
1981	9,500	2,439,920	1,030	1,034,190	108	424
1982	9,500	2,406,550	1,020	1,027,795	107	427
1983	9,500	2,378,620	1,000	1,023,425	105	430
1984	9,300	2,333,810	980	1,017,803	105	436
1985	9,100	2,292,530	960	1,012,073	105	441
1986	8,800	2,249,820	920	1,005,333	105	447
1987	8,500	2,212,960	900	998,923	106	451
1988	8,300	2,200,940	880	994,423	106	452
1989	8,300	2,174,520	880	990,723	106	456
1990	8,100	2,145,820	870	986,850	107	460
1991	8,500	2,116,760	880	981,736	104	464
1992	9,000	2,107,840	880	978,503	98	464
1993	9,400	2,201,590	870	968,845	93	440
1994	9,400	2,197,690	860	965,935	91	440
1995	9,500	2,196,400	850	962,515	89	438
1996	9,500	2,190,500	840	958,675	88	438
1997	9,600	2,190,510	830	956,010	86	436
1998	9,600	2,192,330	830	952,080	86	434
1999	9,600	2,187,280	830	948,460	86	434
2000	9,700	2,166,780	830	945,080	86	436
2001	9,800	2,148,630	830	942,070	85	438
2002	9,900	2,135,360	820	940,300	83	440
2003	9,900	2,126,860	810	936,750	82	440
2004	9,900	2,112,970	790	932,260	80	441
2005	9,800	2,098,690	760	927,940	78	442
2006	9,800	2,088,790	740	925,790	76	443
2007	10,300	2,204,950	730	921,460	71	418
2008	10,300	2,200,100	730	919,910	71	418
2009	10,300	2,200,210	730	919,890	71	418
2010	10,300	2,200,930	730	918,840	71	419
2011	10,300	2,181,000	730	916,990	71	420

¹ The definition of a farm has undergone several changes during this century. The definitions of a farm as used in this table follow: 1975 - Current - A farm is an establishment that sold or would normally have sold \$1,000 of agricultural products during the year. 1957-1974 - A farm is a place of 10 or more acres that had annual sales of \$50 or more of agricultural products, or any place of less than 10 acres that had annual sales of \$250 or more.

² Starting in 1991, Christmas tree farms are included.

Mixed Fertilizer, Fiscal Year Ending December 31, 2011 ¹

Grade	Final Jan-June 2011	Preliminary July-Dec 2011	Year Ending Dec 2011	Grade	Final Jan-June 2011	Preliminary July-Dec 2011	Year Ending Dec 2011
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>		<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
5-5-0	12	30	42	16-8-8	774	687	1,461
5-10-5	125	40	165	18-3-6	505	696	1,201
5-10-10	63	24	87	18-5-9	9	10	19
9-5-9	913	894	1,807	18-24-12	178	263	441
9-9-9	679	88	767	19-3-6	50	12	62
10-5-10	714	199	913	24-10-10	5	11	16
10-6-4	478	287	765	20-8-8	114	114	228
10-10-10	3,000	946	3,946	20-10-10	175	205	380
10-20-10	147	106	253	22-3-14	0	0	0
10-20-20	134	140	274	24-5-11	74	101	175
12-6-6	216	181	397	26-3-12	0	0	0
14-7-14	1,716	902	2,618	32-5-7	36	64	100
14-14-14	240	93	333	Others ²	80,408	64,753	145,161
16-4-8	49	479	528	Totals	90,814	71,325	162,139

Mixed Fertilizer, Fiscal Year Ending December 31, 2011 ¹

KNOWN MATERIALS	Final Jan-June 2011	Preliminary July-Dec 2011	Year Ending Dec 2011
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
CHEMICAL NITROGEN MATERIALS			
Ammonium Sulfate	478	3,607	4,085
Ammonium Nitrate	88	56	144
Nitrogen Solutions	8,193	1,831	10,024
Calcium Nitrate	327	161	488
Urea	1,148	653	1,801
Others	6,637	2,259	8,896
TOTAL NITROGEN MATERIALS	16,871	8,567	25,438
PHOSPHATE MATERIALS			
Super phosphate	19	0	19
Others	2,631	76	2,707
TOTAL PHOSPHATES	2,650	76	2,726
POTASH MATERIALS			
Potassium Sulfate	197	440	637
Muriate of Potash	2,891	427	3,318
Others	1,125	1,108	2,233
TOTAL POTASH MATERIALS	4,213	1,975	6,188
ORGANIC MATERIALS			
Dried Manure	195	7	202
Sewage, Compost, Others	6,181	3,792	9,973
TOTAL ORGANIC MATERIALS	6,376	3,799	10,175
SOIL CONDITIONERS ³	1,134	0	1,134
SECONDARY MATERIALS	7,377	5,697	13,074
MISCELLANEOUS	24,464	3,188	27,652
TOTAL KNOWN MATERIAL	63,085	23,302	86,387
GRAND TOTAL-MIXED FERTILIZERS & MATERIALS	153,899	94,627	248,526
FARM UTILIZATIONS	76,362	55,772	130,134
NON-FARM UTILIZATION	77,159	17,553	94,712
ACTUAL PLANT NUTRIENTS	Final Jan-June 2011	Preliminary July-Dec 2011	Year Ending Dec 2011
NITROGEN	9,513	6,524	16,037
Mixed			
Single	4,637	2,232	6,869
All Fertilizer ⁴	14,149	8,806	22,955
PHOSPHATE	2,696	1,894	4,589
Mixed			
Single	10	5	14
All Fertilizer ⁴	2,705	1,942	4,647
POTASH	4,591	3,418	8,009
Mixed			
Single	1,938	582	2,520
All Fertilizer ⁴	6,528	4,025	10,553

¹ Compiled by the New Jersey Agricultural Statistics Service, USDA.

² Total production of all other mixtures with less than three reports or tonnage items.

³ Soil conditioners include gypsum and exclude lime.

⁴ May not add due to rounding.

Agricultural Statistics & Other Information from NASS

*National reports are the timeliest source of statistics
However, state reports may have more local information*

NASS national & state reports and data are available on the worldwide Internet.

National Homepage: www.nass.usda.gov/

The national homepage has links to all agency products and services such as publications, graphics, historic data, state information, statistical research, Census of Agriculture, a search engine and a Published Estimates Data Base to query and download state or county historic data. There are also links to our Customer Service unit, a Kids Page, and all other federal statistics outside the National Agricultural Statistics Service.

For a monthly summary of USDA estimates, forecasts, and projections of commodities, prices, trade issues, and world crop developments, see: www.usda.gov/nass/pubs/nassfact.htm

New Jersey Homepage: www.nass.usda.gov/nj

The New Jersey site offers much of the same information as the national homepage but in a format designed for New Jersey customers. The reports contain the same statistics but offer more details about agriculture in the New Jersey region. There are also state-funded reports that are not available on the national website, such as the Jersey Fresh Fruit and Vegetable release. Links are also available to other sites such as the New Jersey Department of Agriculture and other NASS field offices.

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All NASS reports are still printed on paper. Census reports are only available while supplies last; contact the New Jersey office for a copy. NASS also offers a wide variety of data on diskettes or CD-ROM with national, state, and county statistics. Most of these products are in Excel spreadsheet format or comma separated (CSV) files. A listing of all paper reports and computer products can be found in the "Guide to Products & Services" catalog issued every December.

To order a free "Guide to Products & Services" catalog or purchase paper reports, diskettes or CD-ROMs with national, state, and county statistics, call the order desk at: 1-800-999-6779

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