

# 2018 ANNUAL REPORT & AGRICULTURAL STATISTICS

**Philip D. Murphy, Governor**  
**New Jersey Department of Agriculture**  
**Douglas H. Fisher, Secretary of Agriculture**





**About the cover:** The cover photo was taken during National Peach Month at Eastern Pro Pak. The USDA has projected New Jersey to be No. 3 in the nation in peach production for 2018. The photo above is Secretary Fisher flying a drone at Growtopia/Sorbello Farms. On the adjacent page, Secretary Fisher points to the Jersey Fresh label on asparagus picked at Sheppard Farms and packed at Eastern Fresh Growers as owner/operator Tom Sheppard looks on.

# A MESSAGE FROM SECRETARY OF AGRICULTURE

Douglas H. Fisher



Most farmers in the Garden State will remember 2018 for the challenges it brought including climate conditions, low prices and other pressures. However, New Jersey's farmers and agriculture-related businesses proved once again they were extraordinarily resilient. Those qualities are evident throughout this report that is issued pursuant to N.J.S.A. 4:1-14 to mark the many achievements and activities that took place in our industry throughout the Garden State.

Our farmers remain steadfast in their ability to refine and perfect the art and science of farming with astounding results. New Jersey remains a leader in the U.S. by ranking in the top 10 in the production value of several commodities. It's a testament to the hard work and high standards of our agricultural producers.

Farmers, for the most part, will let 2018 fade and look to the future with confidence and anticipate a better year in 2019.





Governor Murphy gives remarks during the New Jersey Agricultural Society Luncheon at the convention last year.

**2018 - 2019**

**New Jersey State Board of Agriculture**



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*President*  
Cumberland County  
Vegetable Industry



**Angelo Trapani**  
*Vice President*  
Monmouth County  
Beekeeping Industry



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Hay/Grain Industry



**Al Natali**  
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**Ed Overdeest**  
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Nursery Industry



**August Wuillermin**  
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Atlantic County  
Vegetable Industry



# 2018

## Highlights



Find Jersey Fresh



### What's Jersey Fresh

Learn all about Jersey Fresh – why it matters, what to look for and who helps make it what it is.

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## FindJerseyFresh.com comes to fruition

In May, Secretary Fisher announced the debut of the place to discover all things Jersey Fresh at [www.FindJerseyFresh.com](http://www.FindJerseyFresh.com).

One of the website's features includes a search function to allow customers to find where the closest Jersey Fresh produce is available.

"This website is an easy-to-use tool for our Jersey Fresh customers," Secretary Fisher said.

"It allows shoppers to find out how close they are to farm markets that sell Jersey Fresh products. While making the shopping experience easier for our long-time Jersey Fresh customers, we also believe it will help attract new consumers with its us-

er-friendly features."

The search feature targets farms within a specific area, as well as specific types of produce. The search function also includes where to find wineries, breweries and distilleries as well as agritourism activities.

"The site is truly the hub for all things Jersey Fresh, directing consumers to farms and retailers that promote the brand, showcasing unique recipe videos and other creative content, and highlighting the diverse men and women that grow some of the best produce in the world," NJDA Division of Marketing and Development Director Tom Beaver said.



### No Gypsy Moth Treatments Needed in 2019

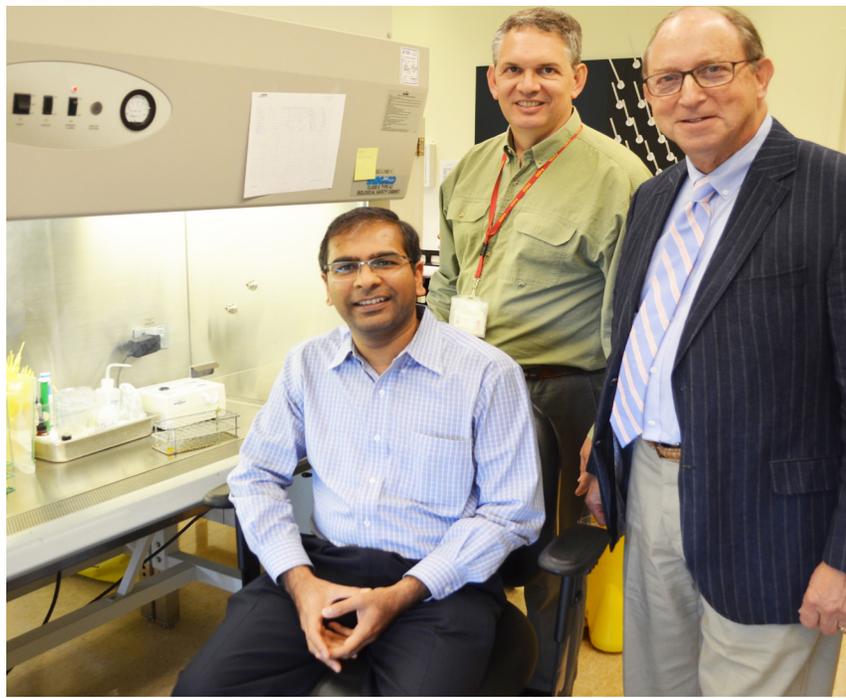
A total of 23 municipalities were surveyed for infestations of gypsy moth at the request of the affected municipalities. It was announced by Plant Industry Division Director Joseph Zoltowski in late December that no areas in New Jersey will be recommended for treatment during the spring of 2019.

In 2017, the recommended treatment area was approximately 4,500 acres, a 75 percent decrease from 2016. The gypsy moth treatment area was more than 320,000 acres in 2007. Egg mass surveys are conducted from August to December each year. To qualify for a treatment program, a residential area or recreational forest must have more than 500 egg masses per acre and be more than 50 acres. A single egg mass contains up to 1,000 eggs. Aerial surveys to locate gypsy moth infestations will continue in the spring.

# Animal Health Lab Upgraded To Level 2

The United States Department of Agriculture upgraded the status of the NJDA's Animal Health Diagnostic Laboratory (AHDL) in the National Animal Health Laboratory Network (NAHLN) from Level 3 to Level 2. The status upgrade means better and faster ability to prepare and respond to foreign, emerging, and zoonotic animal disease outbreaks. The upgrade leverages the laboratory infrastructure and expertise to protect several million livestock housed in approximately 9,000 known premises in New Jersey from foreign, emerging and zoonotic animal diseases.

Examples of such diseases are Highly Pathogenic Avian Influenza (HPAI), Swine Influenza, Newcastle Disease in poultry, and Foot-and-Mouth Diseases in cloven-hoofed animals. The AHDL plans to build on the upgrade and add new tests and services in 2019.



# New Jersey Rises To No. 6 in Nation For Summer Food Service Lunches

According to the Food Research and Action Center, New Jersey improved to No. 6 in the United States (up from 12th in the previous year) for summer lunches served to school-aged children during the summer through the Food and Nutrition Division's Summer Food Service Program.

Statewide this year there were 130 sponsors for 1,400 sites serving more than 100,000 children daily in New Jersey. The Summer Food Service is designed to ensure those who are age 18 or younger in low-income areas have access to meals while school is out.



# FFA Golf Tournament Fundraiser Breaks Record In Honor Of Trivettes

The 17th Annual FFA Golf Tournament, in honor of State FFA Advisor and State Agriculture Education Leader Nancy Trivette (pictured at left), and her husband Randy, welcomed 73 golfers and many sponsors resulting in more than \$36,000 being raised to support scholarships, student leadership development programs, and state officer training.

The 2018 tournament at Gambler Ridge Golf Club in Cream Ridge, was the largest attended and highest grossing golf tournament in the fundraiser's history, which speaks to the Trivettes' influence and commitment to student success. Nancy retired from her position on December 31.

### Division of AGRICULTURAL AND NATURAL RESOURCES



### Woodstown Ag Teacher Wins ACTE Region Honor

The Association for Career and Technical Education (ACTE) named Deanna Miller (pictured above left), a Teacher of Agriculture at Woodstown High School, as the 2018 ACTE Region I New Teacher of the Year and she was one of five finalists for the 2018 national award. The award recognizes new CTE teachers who have made significant contributions toward innovative and unique career and technical education programs and shown a professional commitment early in their careers.

Miller has worked to build a high-quality CTE program at Woodstown-Pilesgrove Regional School District. She has implemented and strengthened course sequencing and strived to obtain the needed certifications to teach the Curriculum for Agricultural Science Education (CASE) to ensure that her program is operating with the most relevant material. Miller also utilizes CASE third-party assessments to evaluate student growth and achievement within the program, the use of which allows her to adjust her teaching as needed to heighten student achievement.

She has also made efforts to increase her students' career success through 100 percent implementation of supervised agricultural experience (SAE) projects. Every one of her students is required to keep a journal and financial records, when applicable, on their SAE project.

# 31

Number of teams that competed in the  
State Envirothon Competition in 2018



### Shellfish Aquaculture Is Benefitting Delaware Bayshore in Cape May County

Shellfish aquaculture along the Delaware Bayshore of Cape May County is providing a significant socioeconomic benefit to that area of the state. Efforts over the past few years to maintain and sustainably enhance the industry have been limited by measures to protect endangered species. This year, a single access point to the aquaculture grounds was solidified via finalization of DEP land acquisition and preparation, a major hurdle to increasing the number of growers in the region. Plans are now moving forward to condense all aquaculture within one Aquaculture Development Zone along the coast. These plans are designed to develop aquaculture in an ecologically sound manner and provide areas where red knots can flourish during their annual migratory stop-over. The overall result is an increase in the number of small aquatic farm businesses, as well as growth for each farmer.

# Hydrologic Database An Important Tool For Municipal Planners

2018 marked the 32nd year of stormwater basin data collection by the NJDA and its 15 Soil Conservation Districts (SCDs) in the Soil Erosion and Sediment Control Program. In 1986, SCDs started to collect hydrologic and hydraulic engineering data on every detention basin which is submitted to them for certification under the program. The SCDs began downloading information into the database in 2015.

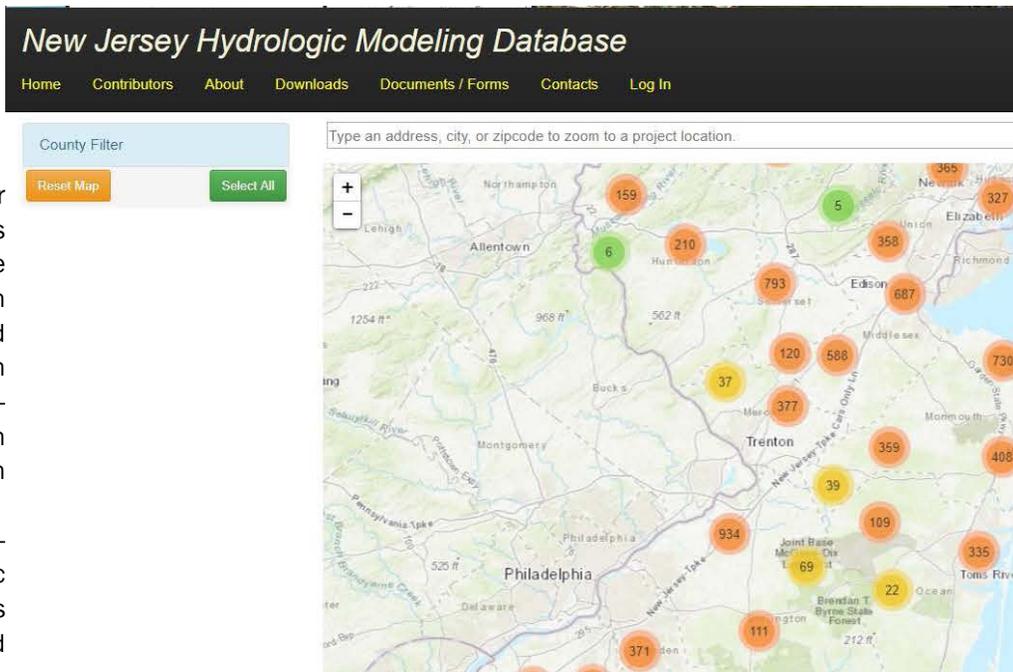
SCDs map the location of each basin, enter engineering data and upload electronic versions of site plans into the Department's "H&H" database, a public website designed and hosted by Rutgers Office of Research Analytics. Currently, the Districts have mapped about 16,000 stormwater basins across the state. The database is viewable by the public, who can also download data which is spatially enabled for analysis in a geographic information system. SCDs are beginning to offer basin inspection services to municipalities using the database, to help them comply with the NJDEP Municipal Separate Storm Sewer System (MS4) permit. This data is extremely useful for helping the state as it develops policy on flood control, coastal resiliency, water quality and infrastructure maintenance. The database can be accessed at <https://hydro.rutgers.edu>.

## Legislative Day, State Convention, National Honors, Highlight FFA Year

The annual Advocacy and Legislative Leadership Day was again one of the highlights of FFA Week last February and was among the major happenings of the year for state FFA members. The day included a career fair, a symposium where students met with NJDA Assistant Secretary of Agriculture Monique Purcell, Assemblyman Eric Houghtaling and other agriculture industry leaders and education officials. Also, state FFA Officers (pictured at right) led a series of workshops that explored the 250 unique careers in agriculture, highlighted how to build a resume, brought attention to STEM in agriculture, and clarified the legislative process.

Other FFA highlights during the year included:

- New state officers being elected at the State FFA Convention at Monmouth University in May.
- State FFA Advisor and Agriculture Education Leader Nancy Trivette being named one of four National Teach Ag Champions in the U.S. as she was honored in Iowa during National Teach Ag Day.
- State FFA Specialist Erin Noble winning the Outstanding Executive Secretary Award at the National FFA Convention in Indianapolis.
- The opening of High Tech High School in Hudson County, which included the start of the state's newest FFA chapter.
- The Third Annual Teach Agriculture Recruitment event taking place at Rutgers University. There were 19 FFA members and 8 FFA chapters represented along with 10 guests from various universities and organizations.



## Division of ANIMAL HEALTH

### 20th Annual AEWG Symposium Emphasizes Teamwork

The New Jersey Department of Agriculture hosted the 20th Annual Animal Emergency Working Group (AEWG) Symposium in April with more than 40 volunteers from nine counties and two states participating in tabletop exercises designed to strengthen their skills in operating co-located County Animal Response Team (CART) shelters in an emergency. Representatives from NJDA, USDA, and GSART helped plan and run the Symposium.

Four teams, with members from Bergen, Burlington, Camden, Hudson, Hunterdon, Middlesex, Monmouth, Somerset and Sussex Counties, and one visitor from New York, competed in the “Game of CART” and “JeopCARTy” contests. The competitions measured how well they can adjust to changing conditions in an emergency animal shelter where pets of evacuated residents staying in a nearby human shelter are housed temporarily.

While the competition got spirited at times, it was all in the pursuit of statewide cooperation and expanding all participants’ knowledge of responding to the needs of pet owners during a disaster. While

the state has not seen a large-scale animal-sheltering response in a disaster since Superstorm Sandy in 2012, the AEWG Symposium is conducted annually to provide animal responders the opportunity to keep their skills sharp for when they are needed. The New Jersey Department of Agriculture is the lead agency responsible for Emergency Support Function 11 (ESF11) in the State Emergency Operations Plan. The NJDA works with other agencies that operate human shelters to ensure evacuees that their pets have a place to go. This reduces the number of pet owners who might otherwise decide not to evacuate if they could not take their pets with them.

Three counties that provided captains for the four teams – Bergen, Camden and Hunterdon – were given certificates to redeem for pet crates and blankets, and all participants went home with pet “go bags” with items such as collapsible water bottles & bowls and leashes to use in emergencies.



# 146

**Humane standards complaints investigated by Animal Health Division staff this year from January through November**

### Humane Standards Education Assists Counties

With the New Jersey SPCA no longer in operation and humane enforcement falling to county jurisdiction, the Animal Health Division has started a new chapter by working closely with county prosecutor’s offices and humane law enforcement officers to train them on the humane standards.

The “Humane Standards” issue impacts all farmers and individuals that raise or have livestock and poultry. The Animal Health Division investigated 115 complaints in 2017 and had investigated 146 in 2018 from January through November.

## Asian Longhorned Tick Found in 7 Counties After 2017 Discovery

After its original discovery in Hunterdon County in 2017, the Asian Longhorned tick (pictured at right) was confirmed to be in seven counties in New Jersey in 2018. The USDA's National Veterinary Services Laboratory (NVSL) made confirmations that the tick was found in Bergen, Hunterdon, Union, Middlesex, Mercer, Monmouth and Somerset Counties. Some of the findings came as a result of residents submitting ticks to the county drop off locations, where they are picked up and sent for testing.

Public parks where the Asian Longhorned tick has been found in New Jersey include Davidson Mill County Pond Park in Middlesex County, Overpeck County Park in Bergen County, and Watchung Reservation, Houdaille Quarry Park and Briant Park in Union County. There have also been confirmed findings of the Asian Longhorned tick in Connecticut, Maryland, Pennsylvania, New York, North Carolina, Virginia, West Virginia and Arkansas.

Various local, state, and federal animal health agencies, as well as the Rutgers Center for Vector Biology, worked together to identify the range of the Asian Longhorned tick in New Jersey. Asian Longhorned ticks that were collected in New Jersey this year tested negative for various human and animal pathogens. Like deer ticks, the nymphs of the Asian Longhorned tick are very small (resembling tiny spiders) and can easily go unnoticed on animals and people. Asian Longhorned ticks in other countries have been shown to spread diseases. They are known to infest a wide range of species including humans, dogs, cats, and livestock and can reproduce by parthenogenesis.



## Eastern Equine Encephalitis, EHV-1 Among Viruses Discovered In NJ Horses In 2018

There were five cases of Eastern Equine Encephalitis (EEE) found in New Jersey horses in 2018. The virus was found in horses in Gloucester, Monmouth, Ocean and Camden Counties. Each of the horses had to be euthanized.

EEE causes inflammation of the brain tissue and has a significantly higher risk of death in horses than West Nile Virus (WNV) infection. WNV and EEE are viral diseases that affect a horse's neurological system. The diseases are transmitted by a mosquito bite. EEE infections in horses are not a significant risk factor for human infection because horses (like humans) are "dead-end" hosts for the virus.

There was a higher than average number of mosquitoes in 2018, due to the hot and wet weather (<http://vectorbio.rutgers.edu/reports/mosquito/>), and livestock owners were strongly encouraged to vaccinate against EEE and other mosquito-borne diseases.

Effective equine vaccines for EEE and WNV are available commercially. Horse owners should contact their veterinarians if their horses are not already up-to-date on their vaccinations.

Also, the EHM and EHV-1 viruses were found in horses at a Union County facility in April. After a 21-day quarantine at the facility where the horses were being kept, the horses recovered, and no new illnesses were detected, allowing the facility to resume normal operations.

The EHV-1 organism spreads quickly from horse to horse and can cause respiratory problems, especially in young horses, spontaneous abortions in pregnant mares, and the neurologic form of the virus can result in death. The incubation period of EHV-1 is typically 2-10 days.

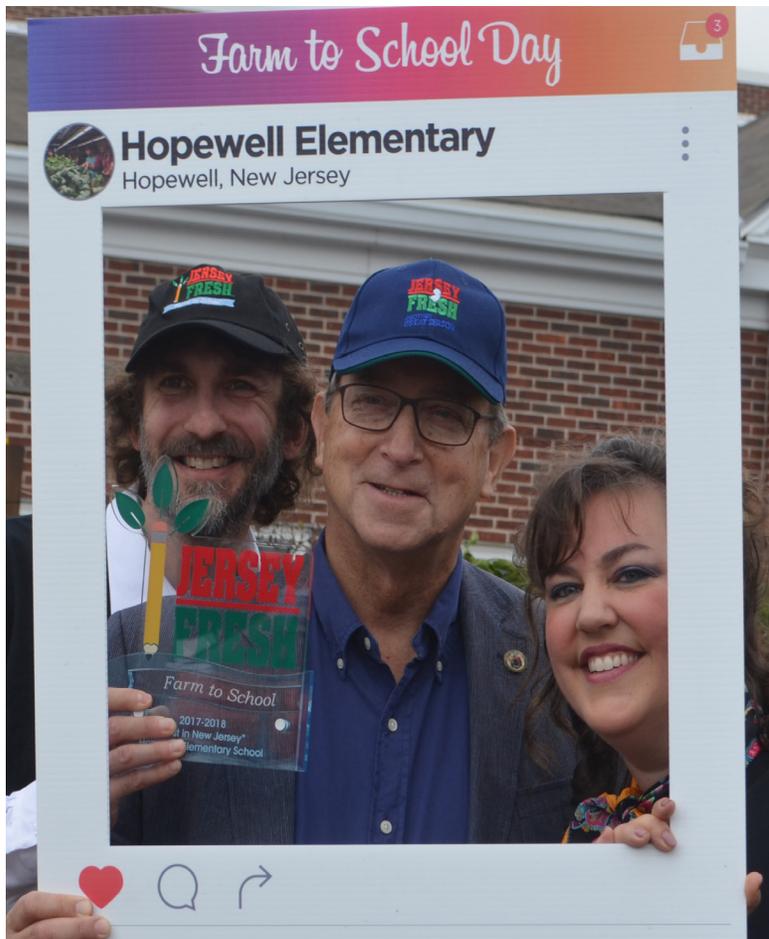
Clinical signs include respiratory disease, fever, nasal discharge, depression, cough, lack of appetite, and/or enlarged lymph nodes. In horses infected with the neurologic strain of EHV-1, clinical signs typically include mild incoordination, hind end weakness/paralysis, loss of bladder and tail function, and loss of sensation to the skin in the hind end.







# Division of FOOD AND NUTRITION



## Jersey Fresh Farm To School Progresses As Popularity Continues To Increase

During 2017-18 school year, the Farm to School Program acknowledged 255 schools purchasing local produce from their main distributor, 223 districts buying local produce directly from farms, 212 districts using a curriculum that ties cafeteria meals to healthy eating education and 114 districts organizing field trips to farms.

The Eighth Annual Jersey Fresh Farm to School Week events in September included:

- Secretary Fisher presenting Hopewell Elementary School in Mercer County with the “Best in New Jersey Farm to School Award” during an assembly.
- Secretary Fisher presenting Terhune Orchards and the Mount family of Mercer County as the winning farm participating in the first Jersey Fresh Farm to School Farmer Recognition Award.
- A visit to Procacci Brothers in Cumberland County to highlight Jersey Tastes! to feature the tasting of the tomato.
- A visit to Texas Avenue School in Atlantic City to highlight a Food-Corps-led, school-wide cafeteria taste test.
- A visit to Newark Educators Community Charter School in Essex County to highlight the school’s use of a mini-grant that was presented by the Department to expand its rooftop garden.

Also, the Farm to School Summit in March had more than 200 participants, including school food service professionals and business administrators from around New Jersey.

# 155

Schools awarded grants through the Fresh Fruit and Vegetable Program during the 2017-2018 School Year

## Ocean Township Wins Grand Prize In Eat Right, Move More Program

Secretary Fisher along with New York Jets linebacker Brandon Copeland (pictured below) and the New York Jets Flight Crew Cheerleaders visited Ocean Township Intermediate School in May to honor the school as the 2018 “Grand Champion” for the New Jersey Department of Agriculture’s Jets PLAY 60 “Eat Right, Move More” program.

The Jets PLAY 60 “Eat Right, Move More” program, a partnership between the Jets, the Department of Agriculture, and the American Dairy Association North East, encourages New Jersey school children to take advantage of healthy foods in their school cafeterias and become more active.

Copeland visited the school for a fun and educational program and presented the school with a \$20,000 grant to improve school food service and physical education programs, made possible by the Jets and the American Dairy Association North East.

Schools were judged on their outstanding efforts to provide children with fresh produce, healthy foods, nutrition education and opportunities to increase physical activity.





## Jerome Dunn, George Washington Academies Capture FFVIP Award

The Jerome Dunn Academy and the George Washington Academy in Elizabeth received the Fresh Fruit and Vegetable Program VIP Award for 2018 in May.

The initiative highlights schools in the United States Department of Agriculture's Fresh Fruit and Vegetable Program that are doing an exceptional job at promoting fruits and vegetables and healthy lifestyles to their students. Jerome Dunn Academy and George Washington Academy, which are in the same building and share the same FFVP, were selected for the first-place prize for providing a comprehensive program integrating the entire school community in program and wellness activities.

The two academies offer the Fresh Fruit and Vegetable Program, a federally funded initiative that provides grants to schools to provide fresh produce as snacks to students in schools where 50 percent or more of the students receive free or reduced-price meals.

Secretary Fisher presented the school with a trophy. The school will also be able to choose a salad bar, nutrition education resources or a piece of equipment to aid in delivery of the Fresh Fruit and Vegetable Program.

During the presentation, the officials visited a class where students were learning about the importance of healthy eating habits while eating a healthy snack of pineapple.

## CACFP Week Celebration Includes Ocean Inc. Visit

New Jersey Department of Agriculture Division of Food and Nutrition Director Rose Tricario and Patricia Dombroski, the U.S. Department of Agriculture Food and Nutrition Service Mid-Atlantic Regional Administrator, commemorated Child and Adult Care Food Program (CACFP) Week in March with a visit to the Ocean Inc. Child Development Center in Toms River, where they feed 150 children a day breakfast, lunch and a snack through the CACFP. Governor Murphy proclaimed March 11-17 as Child and Adult Care Food Program Week in New Jersey. The Ocean Inc. Program has five Head Start centers and two delegate centers in Lakewood that feed more than 600 children daily.



## New CARES Online System Leading To Quicker Payments

The Division went live with the CARES claims online module on November 1 with very encouraging results. The new CARES claims submission system led to approximately 75 percent of October claims being paid and 70 percent of November claims being paid by December 1. At that time last year under the paper vouchers system, nearly zero percent had been paid. Now, claims are being processed 7-10 days sooner.

## Division of MARKETING AND DEVELOPMENT



### Jimmy Abma Wins Outstanding Young Farmer, Is National Finalist

James Abma Jr., a Wyckoff vegetable producer, is New Jersey's 2019 Outstanding Young Farmer as chosen by the New Jersey State Board of Agriculture. Abma and his wife Anna (pictured above with their children), are one of 10 finalists for the National Outstanding Young Farmer Award. He will be recognized for the New Jersey honor at the 2019 New Jersey State Agricultural Convention in Atlantic City on Feb. 6.

Abma has been involved in agriculture since he started helping on the farm at age 8. By age 18, he was overseeing the farm's vegetable production after having spent several summers working in the fields.

Jimmy Abma fully understands that his family paved the path for his agricultural career, including his dad, James, who won the New Jersey Outstanding Young Farmer Award in 1991.

Abma's Farm works a total of 150 acres, selling produce retail at their on-site farm market, and wholesale through a local supermarket chain. The primary crops grown by the Abma's include sweet

corn, tomatoes, peppers, eggplant and cucumbers.

The farm also includes a greenhouse that is open from mid-March up until Christmas that features homegrown annuals, perennials, herbs, soil, and pottery. The farm has educational tours throughout the school year and camps for school-aged children during the summer, winter, and spring breaks.

The support from his wife Anna is also vital to the family business. Her daily work includes doing payroll, bills, account balancing, decorating the farm for the seasons, leading the farm's CSA program and overseeing the petting zoo. Anna and Jimmy have three young children between the ages of 1 and 4.

# 53

Number of New Jersey  
Outstanding Young Farmer  
winners in the program's  
history

### New Jersey Leads U.S. In FSMA Training

The Department continues to be a national leader in food safety training and education. Under two multi-year grant agreements with the US Food and Drug Administration, the Department has implemented the Food Safety Modernization Act's Produce Safety and Animal Feed rules at the state level. This year's focus was on grower education and training. Department staff conducted nearly 80 On-Farm Readiness Reviews, accounting for more than 20 percent of all reviews done nationwide.

These confidential reviews are intended to assure that growers are prepared to meet their obligations once FSMA is fully implemented in 2019.



# Jersey Fresh Remains Priority For Consumers

This year's comprehensive Jersey Fresh marketing campaign featured a mixed-media approach highlighted by a statewide outdoor marketing campaign, that included billboards, bus sides, trade print ads and radio ads featuring Secretary Fisher (pictured at right with Paul Macrie), The campaign began Memorial Day weekend as the Division worked with growers to promote their produce on billboards and social media around the state.

The promotions included a suite of online advertising across multiple platforms (YouTube, Facebook, Instagram) and an innovative social media initiative that featured recipe and photo contests, concluding in early December with a special promotion for New Jersey's choose-and-cut Christmas tree season.

The results are telling. Overall consumer impressions reached an all-time high, and year-end survey results indicate that more than 70 percent of consumers throughout New Jersey and the greater Tri-State area not only recognize the brand, but actively look for it and make it a priority to purchase Jersey Fresh over the alternative.



## N.J. Horse Park Celebrates 30th Anniversary

The Department celebrated the 30th Anniversary of the Horse Park of New Jersey and the completed upgrade to its Grand Prix Show Ring during the 16th Annual Jersey Fresh International Three-Day Event in May.

The Horse Park of New Jersey is a non-profit organization which has been in operation since May of 1988 and is managed by an all-volunteer staff, which includes current Horse Park President Allyson Jeffery. The Horse Park's mission is to make available to the public a wide range of equine activities which are educational, competitive and recreational in nature, such as clinics, seminars, demonstrations, programs for the handicapped, trail rides, horse shows, combined events, polo, dressage, hunt races, rodeos and driving marathons.

The 2018 Jersey Fresh Three-Day was a U.S. Eventing Team qualifier for the World Equestrian Games that took place in North Carolina in September.



## Christmas Tree Season Kicks Off With Visit to Kingdom of Car-Lay Farm

Secretary Fisher officially kicked off the choose and cut Christmas tree season during the annual ceremonial cutting of a Christmas tree, held this year at Kingdom of Car-Lay Christmas Tree Farm in Hunterdon County on November 26.



Governor Murphy proclaimed November 26 as Jersey Grown Christmas Tree Day, encouraging New Jersey residents to support the state's farmers and visit choose and cut Christmas tree farms.

Kingdom of Car-Lay Christmas Tree Farm's Norway Spruce won the 2018 New Jersey Christmas Tree Growers Association annual tree contest that was held at the Middlesex County Fair. It has been a long-standing tradition that the kick-off of the Choose-and-Cut Christmas tree season takes place at the Grand Champion's farm.

The first tree seedlings at Kingdom of Car-Lay were planted in 1986 with tree harvesting beginning in 1992. This past season, Carl Paffendorf and Layce Gebhard (pictured with Secretary Fisher above), owners of Kingdom of Car-Lay, celebrated 26 years of harvesting Christmas trees along with celebrating being the New Jersey Grand Champion. Kingdom of Car-Lay features a variety of Spruce and Fir trees.





# Division of PLANT INDUSTRY

## Spotted Lanternfly Arrives, Results In Quarantine For Three State Counties

Secretary Fisher announced in late July that the New Jersey Department of Agriculture and United States Department of Agriculture personnel confirmed the sighting of the Spotted Lanternfly in northern Mercer County. There were two confirmed sightings in southern Warren County earlier in the summer.

The sightings led the Department to quarantine the two affected counties as well as Hunterdon County, which is between Warren and Mercer Counties, to prevent the spread of the Spotted Lanternfly.

The general public is required to obtain and fill out a checklist before moving any articles on that checklist.

The checklist serves to inform the public about the Spotted Lanternfly including how to identify all life stages of the insect and minimize or eliminate its movement. Business entities that travel in and out of the quarantine area are required to take, and pass, training regarding the Spotted Lanternfly that is available for free from the Pennsylvania Department of Agriculture at <http://bit.ly/2K92DdZ>. New Jersey accepts and recognizes the Pennsylvania permit. Those businesses that conduct business exclusively in New Jersey's quarantine zone must comply with the details outlined in the quarantine order. The quarantine also allows access to property for the Department, USDA, or USDA contracted agents where the Spotted Lanternfly is suspected or confirmed in order to evaluate and treat the property if necessary.

The Spotted Lanternfly has three nymph stages throughout its lifespan before becoming a full adult (pictured at right) in mid-August. The Spotted Lanternfly, which is native to China, India, Vietnam and East Asia, was first located in Pennsylvania in 2014 and has spread to 13 counties there, which are also quarantined. The pest prefers Tree of Heaven (pictured above with Plant Industry Division Director Joseph Zoltowski) as its host, but can feed on 70 other different plant species.

Surveillance continued in those immediate areas where the species was found as well as along the Delaware River border in New Jersey. Department field crews have been conducting surveys for this insect along the New Jersey-Pennsylvania border since 2014, from Warren to Burlington Counties with no previous findings before this year.

The Department is asking for help in identifying areas where this insect may be. Residents can email pictures of suspect insects to [SLF-plantindustry@ag.nj.gov](mailto:SLF-plantindustry@ag.nj.gov) or call the New Jersey Spotted Lanternfly Hotline at 1-833-223-2840 (BAD-BUG-0) and leave a message detailing your sighting and contact information. For more information about this insect go to <https://www.state.nj.us/agriculture/divisions/pi/prog/spottedlanternfly.html>.



# 21

**Number of properties in  
northern New Jersey that  
were treated for Spotted  
Lanternfly**



## Apiary Inspections Ensure Health Of Colonies

Plant Industry Division staff performed inspections on more than 1,586 colonies of honey bees to ensure that colonies are free of injurious apicultural diseases. Without a healthy honey bee population, successful fruit and vegetable production would be at risk. New Jersey's 20,000

bee colonies, valued at \$350 per colony, represent a \$7 million honey bee industry for the state and contribute to successful production of nearly \$200 million worth of fruits and vegetables annually. The Division requires control actions when contagious diseases and pests are detected.



## Nursery And Plant Dealer Certifications Help Control Injurious Insects, Diseases

Division staff inspected over 1,430 nursery locations and 901 plant dealers to ensure their material is free of injurious insects and diseases.

Division staff also performed more than 292 phytosanitary inspections of New Jersey grown plant material for shipment to domestic and overseas markets.

The inspection program supports the nursery, greenhouse, and landscape industry through the inspection and survey of nursery crops to detect plant pests. This activity, con-

ducted by the Division, enables New Jersey growers to sell nursery stock in other states and countries and assures consumers that only pest free stock will be offered for sale.

New Jersey law defines nursery stock as “all plants, shrubs, trees and vines grown for sale, as well as buds, grafts, stocks, scions and other parts of plants, shrubs, trees and vines that may be sold for propagation; but shall not include herbaceous annuals or plants, flowers, vines or cuttings grown under glass and commonly known as florists’

stock.”

At least once a year, the Division examines and inspects all nurseries or establishments of plant dealers in nursery stock and investigates the nursery stock sources of plant dealers within the state to determine whether the stock grown or offered for sale is free from dangerously injurious plant pests. Once the stock grown or sold by a nursery or plant dealer has been determined to be pest free, a certificate to that effect is provided to the nurseryman or plant dealer.

## Beneficial Insect Lab Continues To Produce Good Bugs To Protect Agricultural Crops

The Beneficial Insect Laboratory reared and released over 1,639,276 beneficial insect predators to protect agricultural crops and control invasive weeds throughout N.J. in 2018.

Among those were 428,500 *Pediobius foveolatus* wasps released in N.J. to counteract the Mexican bean beetle (pictured at right). Two-Hundred Thousand wasps were released into monitored fields with the remainder released onto organic farms or community gardens. The 428,500 represents an increase in the number of *P. foveolatus* released as compared to releases made in 2017 and

2016, where the lab released 391,000 and 224,000 wasps. There was some late Mexican bean beetle activity in late September and early October which is unusual, but *P. foveolatus* wasps were released into those “hot spots” to lower the overwintering adult beetle populations. The late Mexican bean beetle populations were likely weather related.

There were 4,546 mummies produced in September, resulting in an estimated 113,650 *P. foveolatus* adults. A total of 37,000 adults and 2,420 mummies were shipped out of the state.



# STATE AGRICULTURE DEVELOPMENT COMMITTEE



## Preservation Acreage Surpasses 230,000 With Fiscal Year 2018 Additions

The State Agriculture Development Committee preserved 92 farms consisting of 5,631 acres across 12 counties and 44 municipalities in Fiscal Year 2018. Overall, that brings the total of preserved farmland in New Jersey to 232,500 acres on 2,596 farms in 184 municipalities that have been permanently preserved under the program. In terms of number of acres preserved, Salem County continues to be the leader at 37,368 acres, followed by Hunterdon County at 32,694 and Burlington County at 29,521. Hunterdon County is the leader in the number of farms preserved with 417 followed by Salem County at 326 and Warren County at 272.

Burlington County has the most municipalities with preserved land at 21, followed by Warren County with 19 and Hunterdon County with 17. The counties with the largest average farm size that is pre-

served are Burlington at 124 acres, Salem at 115 acres, Sussex at 108 acres, Atlantic at 106 acres and Cumberland at 100 acres. The SADC has played a major role in making New Jersey the leader in the nation in State Investment Preservation programs at nearly \$1.7 billion. Also, approximately 33 percent of New Jersey's farmlands have been preserved, the highest percentage of any state in the nation.

**92**  
Number of farms  
preserved in Fiscal  
Year 2018

## Microenterprise Rules Offer Business Opportunities

It was announced in June that many farmers who own preserved farms have the opportunity to apply for a special permit to operate a rural microenterprise on their land under new rules that also promote the conservation of barns and other historically and culturally significant farm structures.

The SADC developed and adopted the rules, which became effective June 4, pursuant to the New Jersey Rural Micro-

enterprise Act (P.L. 2015, c.275). The law permits two categories of microenterprises – customary rural activities and agricultural support services. Customary rural activities include businesses such as snow plowing, bed and breakfasts and bakeries. Agricultural support services include veterinary practices, seed suppliers and tractor equipment repair shops.



## Land Access Workshop Assists Beginning Farmers

The State Agriculture Development Committee offered a workshop in October to help beginning and aspiring farmers evaluate their finances in preparation for starting or expanding their farming operations.

The workshop, “Assessing Your Financial Readiness to Access Land,” was very successful and the first of a series of workshops geared toward beginning farmers.

The session was conducted as part of American Farmland Trust’s “Farmland for the Next

Generation” project, which seeks to provide beginning farmers and ranchers with the skills they need to obtain suitable land, and to train a network of agricultural educators and service providers to help beginners gain access to land. The SADC administers New Jersey’s Farmland Preservation and Right to Farm Programs, and promotes innovative approaches to support farm viability.



## Cost-Sharing Grants Again Provided For Deer Fencing on Preserved Farms

For the second year in a row, cost-sharing grants were offered by the SADC to New Jersey farmers to assist with installing deer fencing on permanently preserved farms to protect against crop losses.

The SADC provided 50 percent matching grants to eligible farmers for the cost of fencing materials and installation. The maximum

grant award was \$200 per acre of permanently preserved farmland owned or \$20,000 total. The SADC made at least \$740,000 available for the program this fiscal year.

The funds were derived from a portion of the SADC’s state farmland preservation monies that are allocated to promoting stewardship activities on preserved farms.

# New Jersey is a National Top Ten Producer of Fruits and Vegetables

2017 Statistics	Produce	Rank	Production	Prod. Value	Acres
	peaches	2nd	56.3 million lbs.	\$44.01 million	4,700
	eggplant	2nd	10.4 million lbs.	\$5.2 million	650
	cranberries	3rd	45 million lbs.	\$16.45 million	2,500
	asparagus	4th	6.8 million lbs.	\$9.6 million	2,000
	bell peppers	4th	86.8 million lbs.	\$35.9 million	3,100
	spinach	4th	8.8 million lbs.	\$9.47 million	2,200
	blueberries	6th	43.9 million lbs.	\$83.78 million	10,000
	squash	6th	31.9 million lbs.	\$14.33 million	2,900
	tomatoes	7th	112 million lbs.	\$39.2 million	4,000
	apples	7th	40 million lbs.	\$37.45 million	2,400
	cucumbers	7th	46.4 million lbs.	\$16.43 million	2,900

# New Jersey Agricultural Statistics 2018

National Agricultural Statistics Service, USDA  
Hubert Hamer, Administrator

and

New Jersey Department of Agriculture  
Douglas H. Fisher, Secretary

New Jersey Field Office  
Room 205 Health and Agriculture Building  
Trenton, NJ, 08625

Bruce Eklund, State Statistician  
(503) 308-0404

Email: [Bruce.Eklund@nass.usda.gov](mailto:Bruce.Eklund@nass.usda.gov)  
Website: [www.nass.usda.gov](http://www.nass.usda.gov)

**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
<b>Vegetables</b>			
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
<b>Fruit and Berries</b>			
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 — 2012 Census**

Item	1	2	3	4	5
<b>Field Crop Harvested Acres</b>					
Corn for grain .....	Salem	Warren	Hunterdon	Burlington	Cumberland
All hay .....	Hunterdon	Sussex	Warren	Salem	Somerset
Soybeans for beans .....	Salem	Burlington	Cumberland	Gloucester	Monmouth
Wheat for grain .....	Salem	Cumberland	Gloucester	Burlington	Hunterdon
<b>Fruit and Berry Harvested Acres</b>					
All fruit .....	Gloucester	Cumberland	Hunterdon	Monmouth	Warren
Blueberry .....	Atlantic	Burlington	Camden	Gloucester	---
All berries .....	Atlantic	Burlington	Camden	Gloucester	Morris
<b>Nurseries</b>					
Number of nurseries .....	Monmouth	Cumberland	Burlington	Hunterdon	Gloucester
Nursery stock acreage in the open .....	Cumberland	Monmouth	Burlington	Gloucester	Salem
<b>Livestock</b>					
Number of horses on farms .....	Monmouth	Hunterdon	Burlington	Sussex	Salem
Number of cattle and calves .....	Salem	Warren	Sussex	Hunterdon	Somerset
Number of milk cows .....	Salem	Sussex	Warren	Hunterdon	Gloucester

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

**Rank of States for Selected Items — 2017**

Item	1	2	3	4	5
<b>Crop Harvested Acres</b>					
Blueberries .....	Michigan	Washington	Oregon	<b>New Jersey</b>	Georgia
Cranberries .....	Wisconsin	Massachusetts	Oregon	<b>New Jersey</b>	Washington
Peaches, freestone <sup>1</sup> .....	California	South Carolina	Georgia	<b>New Jersey</b>	Pennsylvania
Peppers, bell .....	California	Florida	<b>New Jersey</b>	Georgia	Ohio

<sup>1</sup> Bearing acres.

**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.



### Field Crop Summary — New Jersey: 2015

Crop and Units	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	72,000	147	10,584	3.85	40,748	566
Corn for Silage ..... ton	7,000	21.0	147	(NA)	(NA)	(NA)
All Hay ..... ton	102,000	1.76	180	155	27,864	273
Alfalfa Hay ..... ton	12,000	3.0	36	230	8,280	690
Other Hay ..... ton	90,000	1.6	144	136	19,584	218
Soybeans for Beans ..... bu	103,000	32	3,296	8.64	28,477	276
Sweet Potatoes .....cwt	1,200	140	168	31.50	5,292	4,410
Winter Wheat ..... bu	20,000	50	1,000	4.70	4,700	235

(NA) Not available.

### Fruit Crop Summary — New Jersey: 2015

Crop and Units	Acres Bearing/ Harvested	Yield per Acre	Utilized 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>
Apples .....lbs	2,100	19,900	41,000	0.886	36,318	17,294
Blueberries .....lbs	10,000	5,340	53,400	1.370	73,018	7,302
Cranberries .....barrels	3,000	189.70	569	37.70	21,445	7,148
Peaches ..... tons	4,700	4.5	21	1,310.00	27,585	5,869

### Principal Vegetables for Fresh Market Crop Summary — New Jersey: 2015

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>
<b>Principal Vegetables for Fresh Market</b>						
Asparagus <sup>1</sup> .....Jan-Jun..... cwt	1,500	41	62	144.00	8,928	5,952
Cabbage .....Jan-Dec..... cwt	1,600	390	624	18.40	11,482	7,176
Collards <sup>1</sup> .....Jan-Dec..... cwt	800	155	124	32.20	3,993	4,991
Cucumber .....July-Dec..... cwt	3,200	215	688	23.90	16,443	5,138
Eggplant <sup>1</sup> .....July-Dec..... cwt	800	185	148	35.40	5,239	6,549
Escarole & Endive <sup>1</sup> .....Jan-Dec..... cwt	300	195	59	36.20	2,136	7,120
Herbs <sup>1,2</sup> .....Jan-Dec..... cwt	1,700	70	119	77.30	9,199	5,411
Kale <sup>1</sup> .....Jan-Dec..... cwt	800	210	168	32.90	5,527	6,909
Lettuce, All <sup>1,3</sup> .....Jan-Dec..... cwt	1,500	185	278	39.00	10,842	7,228
Parsley <sup>1</sup> .....Jan-Dec..... cwt	600	200	120	63.50	7,620	12,700
Peppers, Bell.....July-Dec..... cwt	2,500	305	763	45.00	34,335	13,734
Pumpkins <sup>1</sup> .....July-Dec..... cwt	2,100	85	179	55.50	9,935	4,731
Snap Beans.....Jan-Dec..... cwt	2,400	32	77	59.80	4,605	1,919
Spinach.....Jan-Dec..... cwt	1,400	150	210	49.30	10,353	7,395
Squash, Summer <sup>1</sup> .....July-Dec..... cwt	2,000	100	252	38.40	7,680	3,840
Squash, Winter <sup>1</sup> .....July-Dec..... cwt	800	65	52	35.50	1,846	2,308
Sweet Corn.....July-Dec..... cwt	5,800	90	522	32.20	16,808	2,898
Tomatoes.....July-Dec..... cwt	2,900	225	653	81.10	52,958	18,261
<b>Total - 18 market crops.....</b>	<b>32,700</b>	<b>---</b>	<b>5,098</b>	<b>---</b>	<b>219,929</b>	<b>6,726</b>

<sup>1</sup> Not in the Federal Estimating Program, state estimates only.

<sup>2</sup> Includes arugula, basil, chives, coriander, cress, fennel, sage, thyme, etc., excludes parsley.

<sup>3</sup> Includes head lettuce, Romaine, and other lettuce.

### Field Crop Summary — New Jersey: 2016

Crop and Units	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	145	10,295	3.90	40,151	566
Corn for Silage ..... ton	5,000	16.0	80	(NA)	(NA)	(NA)
All Hay ..... ton	114,000	1.88	214	191	37,009	325
Alfalfa Hay ..... ton	11,000	3.5	39	231	9,009	819
Other Hay ..... ton	103,000	1.7	175	160	28,000	272
Soybeans for Beans ..... bu	98,000	36	3,528	9.59	33,834	345
Winter Wheat ..... bu	21,000	64	1,344	4.15	5,578	266

(NA) Not available.

### Fruit Crop Summary — New Jersey: 2016

Crop and Units	Acres Bearing/ Harvested	Yield per Acre	Utilized 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>
Apples ..... lbs	2,400	14,500	34,000	1.070	36,350	15,146
Blueberries ..... lbs	9,300	4,730	43,990	1.350	59,390	6,386
Cranberries ..... barrels	3,100	208.40	646	43.10	27,835	8,979
Peaches ..... tons	4,700	4.3	20	1,430.00	28,403	6,043

### Principal Vegetables Crop Summary — New Jersey: 2016 <sup>1</sup>

Crop, Estimate Date, and Unit	Acres Harvested	Yield per Acre	Production		Season Average Price per Unit	Value of Utilized Production	
			Total	Utilized		Total	Per Acre
	<i>acres</i>	<i>cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>dollars/cwt</i>	<i>\$1,000</i>	<i>Dollars</i>
<b>Principal Vegetables</b>							
Asparagus .....Jan-Jun.....cwt	1,900	40.0	76.0	75.8	171.00	12,962	6,822
Cabbage <sup>2</sup> .....Jan-Dec .....cwt	1,600	325.0	520.0	520.0	16.80	8,736	5,460
Collards <sup>2</sup> .....Jan-Dec.....cwt	700	150.0	105.0	105.0	36.40	3,822	5,460
Cucumber .....July-Dec.....cwt	3,100	175.0	542.5	542.5	25.20	13,645	4,402
Eggplant <sup>2</sup> .....July-Dec .....cwt	800	240.0	192.0	192.0	35.90	6,893	8,616
Escarole & Endive <sup>2</sup> .....Jan-Dec.....cwt	400	200.0	80.0	80.0	36.20	2,896	7,240
Herbs <sup>2,3</sup> .....Jan-Dec.....cwt	1,800	125.0	225.0	225.0	50.80	11,430	6,350
Kale <sup>2</sup> .....Jan-Dec.....cwt	700	160.0	112.0	112.0	29.90	3,349	4,784
Lettuce, All <sup>2,4</sup> .....Jan-Dec .....cwt	1,400	180.0	252.0	252.0	33.00	8,316	5,940
Parsley <sup>2</sup> .....Jan-Dec .....cwt	700	128.0	90.0	90.0	50.90	4,581	6,544
Peppers, Bell.....July-Dec.....cwt	2,300	275.0	632.5	632.5	31.60	19,967	8,681
Pumpkins .....July-Dec .....cwt	2,000	100.0	200.0	200.0	26.70	5,340	2,670
Snap Beans.....Jan-Dec.....cwt	2,600	34.0	88.4	88.0	37.10	3,262	1,255
Spinach.....Jan-Dec.....cwt	2,400	165.0	396.0	396.0	35.60	14,111	5,880
Squash, Summer <sup>2</sup> .....July-Dec.....cwt	2,300	130.0	299.0	299.0	34.30	10,255	4,459
Squash, Winter <sup>2</sup> .....July-Dec .....cwt	1,100	81.0	89.0	89.0	27.50	2,447	2,225
Sweet Corn.....July-Dec .....cwt	6,400	86.0	550.4	550.4	29.00	15,983	2,497
Tomatoes.....July-Dec .....cwt	3,800	260.0	988.0	988.0	52.30	51,626	13,586
<b>Total - 18 market crops .....</b>	<b>36,000</b>	<b>---</b>	<b>5,437.8</b>	<b>5,437.2</b>	<b>---</b>	<b>199,621</b>	<b>5,545</b>

<sup>1</sup> Many significant changes were made to the vegetable estimating program beginning in 2016. For additional details, including data for fresh and processing production and previous years data, please reference the Vegetables Annual Summary or the New Jersey Principal Vegetables Annual Summary at [www.nass.usda.gov](http://www.nass.usda.gov)

<sup>2</sup> Not in the Federal Estimating Program, state estimates only.

<sup>3</sup> Includes arugula, basil, chives, coriander, cress, fennel, sage, thyme, etc., excludes parsley.

<sup>4</sup> Includes head lettuce, Romaine, and other lettuce.

**Field Crop Summary — New Jersey: 2017**

Crop and Units	Acres Harvested	Yield per Acre	Production	Season Average Price per Unit	Value of Production <sup>1</sup>	
					Total	Per Acre
			<i>1,000</i>	<i>dollars</i>	<i>\$1,000</i>	<i>dollars</i>
Corn for Grain .....bu	70,000	167	11,690	3.75	43,838	626
Corn for Silage .....ton	6,000	19.5	117	(NA)	(NA)	(NA)
All Hay .....ton	115,000	2.19	252	127	37,628	327
Alfalfa Hay .....ton	11,000	3.1	34	156	6,018	547
Other Hay .....ton	104,000	2.1	218	125	31,610	304
Potatoes .....cwt	1,700	300	510	(D)	(D)	(D)
Soybeans for Beans .....bu	99,000	45	4,455	9.30	41,877	423
Winter Wheat .....bu	17,000	64	1,088	4.60	5,005	294

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

<sup>1</sup> Based on preliminary State marketing year average price.

**Fruit Crop Summary — New Jersey: 2017**

Crop and Units	Acres Bearing/ Harvested	Yield per Acre	Utilized 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>
Apples ..... lbs	2,400	17,500	40,000	0.936	37,450	15,604
Blueberries ..... lbs	10,000	4,390	43,860	1.910	83,788	8,379
Cranberries ..... barrels	2,500	180.00	450	36.60	16,451	6,580
Peaches ..... tons	4,700	6.0	28	1,560.00	44,001	9,362

**Principal Vegetables Crop Summary — New Jersey: 2017<sup>1 2</sup>**

Crop, Estimate Date, and Unit	Acres Harvested	Yield per Acre	Production		Season Average Price per Unit	Value of Utilized Production	
			Total	Utilized		Total	Per Acre
	<i>acres</i>	<i>cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>dollars/cwt</i>	<i>\$1,000</i>	<i>dollars</i>
<b>Principal Vegetables</b>							
Asparagus .....Jan-Jun .....cwt	2,000	34.0	68.0	68.0	183.00	12,421	6,211
Cabbage <sup>3</sup> .....Jan-Dec .....cwt	1,500	208.0	300.0	300.0	19.10	5,730	3,820
Collards <sup>3</sup> .....Jan-Dec .....cwt	800	120.0	96.0	96.0	26.00	2,496	3,120
Cucumber .....July-Dec .....cwt	2,900	160.0	464.0	463.1	35.50	16,431	5,666
Eggplant <sup>3</sup> .....July-Dec .....cwt	650	160.0	104.0	104.0	36.00	3,744	5,760
Escarole & Endive <sup>3</sup> .....Jan-Dec .....cwt	300	155.0	46.5	46.5	44.20	2,055	6,850
Herbs <sup>3 4</sup> .....Jan-Dec .....cwt	1,500	80.0	120.0	120.0	92.50	11,100	7,400
Kale <sup>3</sup> .....Jan-Dec .....cwt	700	115.0	80.5	80.5	33.90	2,729	3,899
Lettuce, All <sup>3 5</sup> .....Jan-Dec .....cwt	1,400	145.0	203.0	203.0	37.10	7,531	5,379
Parsley <sup>3</sup> .....Jan-Dec .....cwt	550	125.0	68.8	68.8	36.60	2,516	4,575
Peppers, Bell .....July-Dec .....cwt	3,100	280.0	868.0	867.1	41.40	35,903	11,582
Pumpkins .....July-Dec .....cwt	2,100	95.0	199.5	198.1	30.80	6,101	2,905
Snap Beans .....Jan-Dec .....cwt	2,300	39.0	89.7	89.7	44.80	4,015	1,746
Spinach .....Jan-Dec .....cwt	2,200	150.0	330.0	330.0	28.70	9,473	4,306
Squash, Summer <sup>3</sup> .....July-Dec .....cwt	2,000	113.0	226.0	226.0	47.70	10,780	5,390
Squash, Winter <sup>3</sup> .....July-Dec .....cwt	900	103.0	93.0	92.7	38.40	3,559	3,954
Sweet Corn .....July-Dec .....cwt	6,200	97.0	601.4	597.8	30.20	18,042	2,910
Tomatoes .....July-Dec .....cwt	4,000	280.0	1,120.0	1,118.9	35.00	39,202	9,801
<b>Total - 18 market crops</b> .....	<b>35,100</b>	<b>---</b>	<b>5,078.4</b>	<b>5,070.2</b>	<b>---</b>	<b>193,828</b>	<b>5,522</b>

<sup>1</sup> Preliminary

<sup>2</sup> Many significant changes were made to the vegetable estimating program beginning in 2016. For additional details, including data for fresh and processing production and previous years data, please reference the Vegetables Annual Summary or the New Jersey Principal Vegetables Annual Summary at [www.nass.usda.gov](http://www.nass.usda.gov)

<sup>3</sup> Not in the Federal Estimating Program, state estimates only.

<sup>4</sup> Includes arugula, basil, chives, coriander, cress, fennel, sage, thyme, etc., excludes parsley.

<sup>5</sup> Includes head lettuce, Romaine, and other lettuce.

**Corn for Grain Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2013-2017**

Year	Area planted <sup>1</sup>	Area harvested	Yield per acre	Production	Price per bushel <sup>2</sup>	Value of production <sup>3</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>bushels</i>	<i>1,000 bushels</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013 .....	90	80	139.0	11,120	4.66	51,819
2014 .....	85	79	157.0	12,403	3.80	47,131
2015 .....	80	72	147.0	10,584	3.85	40,748
2016 .....	80	71	145.0	10,295	3.90	40,151
2017 .....	77	70	167.0	11,690	3.75	43,838

<sup>1</sup> Area planted includes corn planted for both grain and silage.

<sup>2</sup> Marketing year average price.

<sup>3</sup> Based on final State marketing year average price for years prior to 2017; for 2017 based on preliminary State marketing year average price.

**Corn for Silage Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2013-2017**

Year	Area planted <sup>1</sup>	Area harvested	Yield per acre	Production	Price per ton <sup>2</sup>	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>tons</i>	<i>1,000 tons</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013 .....	(NA)	9	20.0	180	(NA)	(NA)
2014 .....	(NA)	5	20.0	100	(NA)	(NA)
2015 .....	(NA)	7	21.0	147	(NA)	(NA)
2016 .....	(NA)	5	16.0	80	(NA)	(NA)
2017 .....	(NA)	6	19.5	117	(NA)	(NA)

(NA) Not available.

<sup>1</sup> For area planted, see corn for grain table.

<sup>2</sup> Marketing year average price.

**Alfalfa Hay Area Harvested, Yield, Production, Price, and Value — New Jersey: 2013-2017**

Year	Area harvested	Yield per acre	Production	Price per ton <sup>1</sup>	Value of production <sup>2</sup>
	<i>1,000 acres</i>	<i>tons</i>	<i>1,000 tons</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013 .....	17	3.00	51	219.00	11,169
2014 .....	14	3.50	49	255.00	12,495
2015 .....	12	3.00	36	230.00	8,280
2016 .....	11	3.50	39	231.00	9,009
2017 .....	11	3.10	34	156.00	6,018

<sup>1</sup> Marketing year average price.

<sup>2</sup> Based on final State marketing year average price for years prior to 2017; for 2017 based on preliminary State marketing year average price.

**Other Hay Area Harvested, Yield, Production, Price, and Value — New Jersey: 2013-2017**

Year	Area harvested	Yield per acre	Production	Price per ton <sup>1</sup>	Value of production <sup>2</sup>
	<i>1,000 acres</i>	<i>tons</i>	<i>1,000 tons</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013 .....	80	2.30	184	109.00	20,056
2014 .....	92	2.30	212	176.00	37,312
2015 .....	90	1.60	144	136.00	19,584
2016 .....	103	1.70	175	160.00	28,000
2017 .....	104	2.10	218	125.00	31,610

<sup>1</sup> Marketing year average price.

<sup>2</sup> Based on final State marketing year average price for years prior to 2017; for 2017 based on preliminary State marketing year average price.

**All Hay Area Harvested, Yield, Production, Price, and Value — New Jersey: 2013-2017**

Year	Area harvested	Yield per acre	Production	Price per ton <sup>1</sup>	Value of production <sup>2</sup>
	<i>1,000 acres</i>	<i>tons</i>	<i>1,000 tons</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013 .....	97	2.42	235	133.00	31,225
2014 .....	106	2.46	261	191.00	49,807
2015 .....	102	1.76	180	155.00	27,864
2016 .....	114	1.88	214	191.00	37,009
2017 .....	115	2.19	252	127.00	37,628

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<sup>1</sup> Marketing year average price. All hay price is based on weighted sales, not production.

<sup>2</sup> Based on final State marketing year average price for years prior to 2017; for 2017 based on preliminary State marketing year average price.



**Potatoes Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2013-2017**

Year	Area planted	Area harvested	Yield per acre	Production	Price per cwt <sup>1</sup>	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>cwt</i>	<i>1,000 cwt</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013.....	2.4	2.4	230	552	11.70	6,458
2014.....	2.0	1.9	225	428	11.90	5,093
2015.....	(D)	(D)	(D)	(D)	(D)	(D)
2016.....	(D)	(D)	(D)	(D)	(D)	(D)
2017.....	1.7	1.7	300	510	(D)	(D)

(D) Withheld to avoid disclosing data for individual operations.

<sup>1</sup> Marketing year average price.

**Soybeans for Beans Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2013-2017**

Year	Area planted	Area harvested	Yield per acre	Production	Price per bushel <sup>1</sup>	Value of production <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>bushels</i>	<i>1,000 bushels</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013.....	90	88	39.5	3,476	12.40	43,102
2014.....	105	103	44.0	4,532	9.85	44,640
2015.....	105	103	32.0	3,296	8.64	28,477
2016.....	100	98	36.0	3,528	9.59	33,834
2017.....	100	99	45.0	4,455	9.30	41,877

<sup>1</sup> Marketing year average price.

<sup>2</sup> Based on final State marketing year average price for years prior to 2017; for 2017 based on preliminary State marketing year average price.

**Sweet Potatoes Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2013-2017**

Year <sup>1</sup>	Area planted	Area harvested	Yield per acre	Production	Price per cwt <sup>2</sup>	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>cwt</i>	<i>1,000 cwt</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013.....	1.2	1.2	125	150	29.50	4,425
2014.....	1.2	1.2	160	192	36.90	7,085
2015.....	1.2	1.2	140	168	31.50	5,292
2016.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2017.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

(NA) Not available.

<sup>1</sup> Estimates discontinued in 2016.

<sup>2</sup> Marketing year average price.

**Winter Wheat Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2013-2017**

Year	Area planted	Area harvested	Yield per acre	Production	Price per bushel <sup>1</sup>	Value of production <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>bushels</i>	<i>1,000 bushels</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013.....	34	29	54.0	1,566	6.60	10,336
2014.....	33	25	53.0	1,325	4.80	6,360
2015.....	27	20	50.0	1,000	4.70	4,700
2016.....	25	21	64.0	1,344	4.15	5,578
2017.....	23	17	64.0	1,088	4.60	5,005

<sup>1</sup> Marketing year average price.

<sup>2</sup> Based on final State marketing year average price for years prior to 2017; for 2017 based on preliminary State marketing year average price.



**Potatoes Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2013-2017**

Year	Area planted	Area harvested	Yield per acre	Production	Price per cwt <sup>1</sup>	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>cwt</i>	<i>1,000 cwt</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013.....	2.4	2.4	230	552	11.70	6,458
2014.....	2.0	1.9	225	428	11.90	5,093
2015.....	(D)	(D)	(D)	(D)	(D)	(D)
2016.....	(D)	(D)	(D)	(D)	(D)	(D)
2017.....	1.7	1.7	300	510	(D)	(D)

(D) Withheld to avoid disclosing data for individual operations.

<sup>1</sup> Marketing year average price.

**Soybeans for Beans Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2013-2017**

Year	Area planted	Area harvested	Yield per acre	Production	Price per bushel <sup>1</sup>	Value of production <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>bushels</i>	<i>1,000 bushels</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013.....	90	88	39.5	3,476	12.40	43,102
2014.....	105	103	44.0	4,532	9.85	44,640
2015.....	105	103	32.0	3,296	8.64	28,477
2016.....	100	98	36.0	3,528	9.59	33,834
2017.....	100	99	45.0	4,455	9.30	41,877

<sup>1</sup> Marketing year average price.

<sup>2</sup> Based on final State marketing year average price for years prior to 2017; for 2017 based on preliminary State marketing year average price.

**Sweet Potatoes Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2013-2017**

Year <sup>1</sup>	Area planted	Area harvested	Yield per acre	Production	Price per cwt <sup>2</sup>	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>cwt</i>	<i>1,000 cwt</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013.....	1.2	1.2	125	150	29.50	4,425
2014.....	1.2	1.2	160	192	36.90	7,085
2015.....	1.2	1.2	140	168	31.50	5,292
2016.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2017.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

(NA) Not available.

<sup>1</sup> Estimates discontinued in 2016.

<sup>2</sup> Marketing year average price.

**Winter Wheat Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2013-2017**

Year	Area planted	Area harvested	Yield per acre	Production	Price per bushel <sup>1</sup>	Value of production <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>bushels</i>	<i>1,000 bushels</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013.....	34	29	54.0	1,566	6.60	10,336
2014.....	33	25	53.0	1,325	4.80	6,360
2015.....	27	20	50.0	1,000	4.70	4,700
2016.....	25	21	64.0	1,344	4.15	5,578
2017.....	23	17	64.0	1,088	4.60	5,005

<sup>1</sup> Marketing year average price.

<sup>2</sup> Based on final State marketing year average price for years prior to 2017; for 2017 based on preliminary State marketing year average price.



**Corn for Grain Acreage, Yield, and Production, by County and District — New Jersey: 2016-2017**

County and District	Planted		Harvested		Yield		Production	
	2016	2017	2016	2017	2016	2017	2016	2017
	<i>acres</i>	<i>acres</i>	<i>acres</i>	<i>acres</i>	<i>bushels</i>	<i>bushels</i>	<i>bushels</i>	<i>bushels</i>
Bergen.....	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )
Essex.....	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )
Hudson.....	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )
Hunterdon.....	8,500	( <sup>2</sup> )	8,200	( <sup>2</sup> )	157.3	( <sup>2</sup> )	1,290,000	( <sup>2</sup> )
Morris.....	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )
Passaic.....	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )
Somerset.....	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )
Sussex.....	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )
Union.....	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )
Warren.....	15,700	( <sup>2</sup> )	15,200	( <sup>2</sup> )	157.9	( <sup>2</sup> )	2,400,000	( <sup>2</sup> )
Other counties.....	8,300	( <sup>2</sup> )	6,000	( <sup>2</sup> )	127.5	( <sup>2</sup> )	765,000	( <sup>2</sup> )
<b>North, Total.....</b>	<b>32,500</b>	<b>(<sup>2</sup>)</b>	<b>29,400</b>	<b>(<sup>2</sup>)</b>	<b>151.5</b>	<b>(<sup>2</sup>)</b>	<b>4,455,000</b>	<b>(<sup>2</sup>)</b>
Burlington.....	8,000	( <sup>2</sup> )	6,990	( <sup>2</sup> )	135.8	( <sup>2</sup> )	949,000	( <sup>2</sup> )
Mercer.....	2,700	( <sup>2</sup> )	2,400	( <sup>2</sup> )	149.2	( <sup>2</sup> )	358,000	( <sup>2</sup> )
Middlesex.....	3,000	( <sup>2</sup> )	2,900	( <sup>2</sup> )	149.7	( <sup>2</sup> )	434,000	( <sup>2</sup> )
Monmouth.....	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )
Ocean.....	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )
Other counties.....	1,800	( <sup>2</sup> )	1,510	( <sup>2</sup> )	121.2	( <sup>2</sup> )	183,000	( <sup>2</sup> )
<b>Central, Total.....</b>	<b>15,500</b>	<b>(<sup>2</sup>)</b>	<b>13,800</b>	<b>(<sup>2</sup>)</b>	<b>139.4</b>	<b>(<sup>2</sup>)</b>	<b>1,924,000</b>	<b>(<sup>2</sup>)</b>
Atlantic.....	900	( <sup>2</sup> )	800	( <sup>2</sup> )	76.5	( <sup>2</sup> )	61,200	( <sup>2</sup> )
Camden.....	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )
Cape May.....	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )
Cumberland.....	6,500	( <sup>2</sup> )	6,000	( <sup>2</sup> )	163.3	( <sup>2</sup> )	980,000	( <sup>2</sup> )
Gloucester.....	5,900	( <sup>2</sup> )	3,700	( <sup>2</sup> )	74.3	( <sup>2</sup> )	275,000	( <sup>2</sup> )
Salem.....	18,000	( <sup>2</sup> )	16,800	( <sup>2</sup> )	152.4	( <sup>2</sup> )	2,560,000	( <sup>2</sup> )
Other counties.....	700	( <sup>2</sup> )	500	( <sup>2</sup> )	79.6	( <sup>2</sup> )	39,800	( <sup>2</sup> )
<b>South, Total.....</b>	<b>32,000</b>	<b>(<sup>2</sup>)</b>	<b>27,800</b>	<b>(<sup>2</sup>)</b>	<b>140.9</b>	<b>(<sup>2</sup>)</b>	<b>3,916,000</b>	<b>(<sup>2</sup>)</b>
<b>Other districts.....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>New Jersey Total.....</b>	<b>80,000</b>	<b>77,000</b>	<b>71,000</b>	<b>70,000</b>	<b>145.0</b>	<b>167.0</b>	<b>10,295,000</b>	<b>11,690,000</b>

- Represents zero.

<sup>1</sup> Represents zero or is included in Other counties.

<sup>2</sup> Estimates discontinued in 2017.

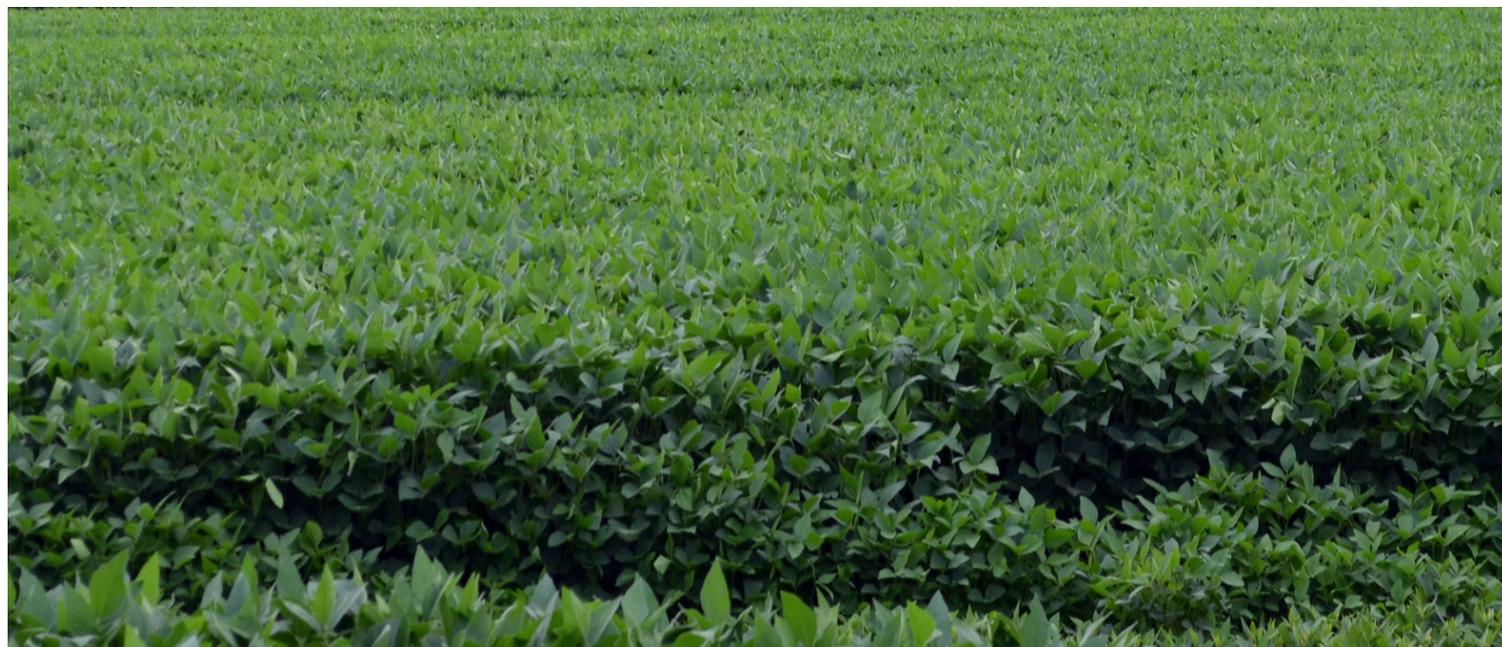


**Soybean Acreage, Yield, and Production, by County and District — New Jersey: 2016-2017**

County and District	Planted		Harvested		Yield		Production	
	2016	2017	2016	2017	2016	2017	2016	2017
	<i>acres</i>	<i>acres</i>	<i>acres</i>	<i>acres</i>	<i>bushels</i>	<i>bushels</i>	<i>bushels</i>	<i>bushels</i>
Bergen .....	( <sup>1</sup> )							
Essex.....	( <sup>1</sup> )							
Hudson .....	( <sup>1</sup> )							
Hunterdon.....	6,400	6,100	6,200	5,950	45.2	42.2	280,000	251,000
Morris .....	( <sup>1</sup> )							
Passaic.....	( <sup>1</sup> )							
Somerset.....	( <sup>1</sup> )							
Sussex.....	( <sup>1</sup> )							
Union.....	( <sup>1</sup> )							
Warren.....	9,100	9,500	9,070	9,440	52.4	55.8	475,000	527,000
Other counties.....	4,100	3,900	3,930	3,810	34.9	40.9	137,000	156,000
<b>North, Total.....</b>	<b>19,600</b>	<b>19,500</b>	<b>19,200</b>	<b>19,200</b>	<b>46.5</b>	<b>48.6</b>	<b>892,000</b>	<b>934,000</b>
Burlington.....	21,700	21,500	21,600	21,300	31.3	40.3	677,000	858,000
Mercer .....	4,700	4,500	4,400	4,430	35.2	46.7	155,000	207,000
Middlesex.....	( <sup>1</sup> )							
Monmouth .....	5,000	5,400	4,820	5,380	33.0	41.4	159,000	223,000
Ocean.....	( <sup>1</sup> )							
Other counties.....	3,300	3,400	3,180	3,390	40.3	42.5	128,000	144,000
<b>Central, Total.....</b>	<b>34,700</b>	<b>34,800</b>	<b>34,000</b>	<b>34,500</b>	<b>32.9</b>	<b>41.5</b>	<b>1,119,000</b>	<b>1,432,000</b>
Atlantic .....	( <sup>1</sup> )							
Camden.....	( <sup>1</sup> )							
Cape May .....	( <sup>1</sup> )							
Cumberland .....	( <sup>1</sup> )	10,700	( <sup>1</sup> )	10,600	( <sup>1</sup> )	45.9	( <sup>1</sup> )	487,000
Gloucester.....	( <sup>1</sup> )	9,400	( <sup>1</sup> )	9,300	( <sup>1</sup> )	45.7	( <sup>1</sup> )	425,000
Salem.....	25,700	25,000	25,600	24,900	34.8	46.4	892,000	1,156,000
Other counties.....	20,000	600	19,200	500	32.6	42.0	625,000	21,000
<b>South, Total.....</b>	<b>45,700</b>	<b>45,700</b>	<b>44,800</b>	<b>45,300</b>	<b>33.9</b>	<b>46.1</b>	<b>1,517,000</b>	<b>2,089,000</b>
<b>Other districts .....</b>	<b>-</b>							
<b>New Jersey Total .....</b>	<b>100,000</b>	<b>100,000</b>	<b>98,000</b>	<b>99,000</b>	<b>36.0</b>	<b>45.0</b>	<b>3,528,000</b>	<b>4,455,000</b>

- Represents zero.

<sup>1</sup> Represents zero or is included in Other counties.



**Alfalfa Hay Acreage, Yield, and Production, by County and District — New Jersey: 2016-2017**

County and District	Harvested		Yield		Production	
	2016	2017	2016	2017	2016	2017
	<i>acres</i>	<i>acres</i>	<i>tons</i>	<i>tons</i>	<i>tons</i>	<i>tons</i>
Bergen.....	( <sup>1</sup> )					
Essex.....	( <sup>1</sup> )					
Hudson.....	( <sup>1</sup> )					
Hunterdon.....	( <sup>1</sup> )	1,070	( <sup>1</sup> )	1.95	( <sup>1</sup> )	2,080
Morris.....	( <sup>1</sup> )					
Passaic.....	( <sup>1</sup> )					
Somerset.....	800	( <sup>1</sup> )	3.20	( <sup>1</sup> )	2,550	( <sup>1</sup> )
Sussex.....	1,700	1,600	3.10	3.70	5,300	5,900
Union.....	( <sup>1</sup> )					
Warren.....	1,600	( <sup>1</sup> )	4.55	( <sup>1</sup> )	7,300	( <sup>1</sup> )
Other counties.....	1,200	2,330	3.40	3.10	4,050	7,220
<b>North, Total.....</b>	<b>5,300</b>	<b>5,000</b>	<b>3.60</b>	<b>3.05</b>	<b>19,200</b>	<b>15,200</b>
Burlington.....	700	( <sup>1</sup> )	3.35	( <sup>1</sup> )	2,360	( <sup>1</sup> )
Mercer.....	( <sup>1</sup> )					
Middlesex.....	( <sup>1</sup> )					
Monmouth.....	600	770	4.15	3.15	2,490	2,420
Ocean.....	( <sup>1</sup> )					
Other counties.....	700	1,330	2.80	3.45	1,950	4,580
<b>Central, Total.....</b>	<b>2,000</b>	<b>2,100</b>	<b>3.40</b>	<b>3.35</b>	<b>6,800</b>	<b>7,000</b>
Atlantic.....	( <sup>1</sup> )					
Camden.....	( <sup>1</sup> )					
Cape May.....	( <sup>1</sup> )					
Cumberland.....	750	( <sup>1</sup> )	3.05	( <sup>1</sup> )	2,300	( <sup>1</sup> )
Gloucester.....	610	690	3.05	3.20	1,860	2,220
Salem.....	( <sup>1</sup> )	2,090	( <sup>1</sup> )	3.60	( <sup>1</sup> )	7,500
Other counties.....	2,340	1,120	3.80	1.85	8,840	2,080
<b>South, Total.....</b>	<b>3,700</b>	<b>3,900</b>	<b>3.50</b>	<b>3.05</b>	<b>13,000</b>	<b>11,800</b>
<b>Other districts.....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>New Jersey Total.....</b>	<b>11,000</b>	<b>11,000</b>	<b>3.50</b>	<b>3.10</b>	<b>39,000</b>	<b>34,000</b>

- Represents zero.

<sup>1</sup> Represents zero or is included in Other counties.



**Principal Vegetable Crops Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2016<sup>1</sup>**

Crop	Area planted	Area harvested	Yield per acre	Production		Price per cwt <sup>2</sup>	Value of utilized production
				Total	Utilized		
	<i>acres</i>	<i>acres</i>	<i>cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>dollars</i>	<i>1,000 dollars</i>
Asparagus .....	2,000	1,900	40	76.0	75.8	171.00	12,962
Cabbage <sup>3</sup> .....	1,700	1,600	325	520.0	520.0	16.80	8,736
Collards <sup>3</sup> .....	800	700	150	105.0	105.0	36.40	3,822
Cucumbers .....	3,200	3,100	175	542.5	542.5	25.20	13,645
Eggplant <sup>3</sup> .....	800	800	240	192.0	192.0	35.90	6,893
Escarole & Endive <sup>3</sup> .....	400	400	200	80.0	80.0	36.20	2,896
Herbs <sup>3 4</sup> .....	2,000	1,800	125	225.0	225.0	50.80	11,430
Kale <sup>3</sup> .....	700	700	160	112.0	112.0	29.90	3,349
Lettuce, All <sup>3 5</sup> .....	1,500	1,400	180	252.0	252.0	33.00	8,316
Parsley <sup>3</sup> .....	700	700	128	90.0	90.0	50.90	4,581
Peppers, Bell .....	2,400	2,300	275	632.5	632.5	31.60	19,967
Pumpkins .....	2,100	2,000	100	200.0	200.0	26.70	5,340
Snap Beans .....	2,800	2,600	34	88.4	88.0	37.10	3,262
Spinach .....	2,500	2,400	165	396.0	396.0	35.60	14,111
Squash, Summer <sup>3</sup> .....	2,300	2,300	130	299.0	299.0	34.30	10,255
Squash, Winter <sup>3</sup> .....	1,200	1,100	81	89.0	89.0	27.50	2,447
Sweet Corn .....	6,700	6,400	86	550.4	550.4	29.00	15,983
Tomatoes .....	3,900	3,800	260	988.0	988.0	52.30	51,626
<b>Total .....</b>	<b>37,700</b>	<b>36,000</b>	<b>---</b>	<b>5,437.8</b>	<b>5,437.2</b>	<b>---</b>	<b>199,621</b>

<sup>1</sup> Many significant changes were made to the vegetable estimating program beginning in 2016. For additional details, including data for fresh and processing production and previous years data, please reference the Vegetables Annual Summary or the New Jersey Principal Vegetables Annual Summary at [www.nass.usda.gov](http://www.nass.usda.gov)

<sup>2</sup> Marketing year average price.

<sup>3</sup> Not in the Federal Estimating Program, state estimate only.

<sup>4</sup> Includes arugula, basil, chives, coriander, cress, fennel, sage, thyme, etc.

<sup>5</sup> Includes head lettuce, Romaine, and all other lettuce.

**Principal Vegetable Crops Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2017<sup>1</sup>**

Crop	Area planted	Area harvested	Yield per acre	Production		Price per cwt <sup>2</sup>	Value of utilized production
				Total	Utilized		
	<i>acres</i>	<i>acres</i>	<i>cwt</i>	<i>1,000 cwt</i>	<i>1,000 cwt</i>	<i>dollars</i>	<i>1,000 dollars</i>
Asparagus .....	2,100	2,000	34	68.0	68.0	183.00	12,421
Cabbage <sup>3</sup> .....	1,600	1,500	208	300.0	300.0	19.10	5,730
Collards <sup>3</sup> .....	800	800	120	96.0	96.0	26.00	2,496
Cucumbers .....	3,000	2,900	160	464.0	463.1	35.50	16,431
Eggplant <sup>3</sup> .....	700	650	160	104.0	104.0	36.00	3,744
Escarole & Endive <sup>3</sup> .....	300	300	155	46.5	46.5	44.20	2,055
Herbs <sup>3 4</sup> .....	1,600	1,500	80	120.0	120.0	92.50	11,100
Kale <sup>3</sup> .....	700	700	115	80.5	80.5	33.90	2,729
Lettuce, All <sup>3 5</sup> .....	1,500	1,400	145	203.0	203.0	37.10	7,531
Parsley <sup>3</sup> .....	600	550	125	68.8	68.8	36.60	2,516
Peppers, Bell .....	3,200	3,100	280	868.0	867.1	41.40	35,903
Pumpkins .....	2,200	2,100	95	199.5	198.1	30.80	6,101
Snap Beans .....	2,500	2,300	39	89.7	89.7	44.80	4,015
Spinach .....	2,300	2,200	150	330.0	330.0	28.70	9,473
Squash, Summer <sup>3</sup> .....	2,100	2,000	113	226.0	226.0	47.70	10,780
Squash, Winter <sup>3</sup> .....	1,000	900	103	93.0	92.7	38.40	3,559
Sweet Corn .....	6,300	6,200	97	601.4	597.8	30.20	18,042
Tomatoes .....	4,100	4,000	280	1,120.0	1,118.9	35.00	39,202
<b>Total .....</b>	<b>36,600</b>	<b>35,100</b>	<b>---</b>	<b>5,078.4</b>	<b>5,070.2</b>	<b>---</b>	<b>193,828</b>

<sup>1</sup> Many significant changes were made to the vegetable estimating program beginning in 2016. For additional details, including data for fresh and processing production and previous years data, please reference the Vegetables Annual Summary or the New Jersey Principal Vegetables Annual Summary at [www.nass.usda.gov](http://www.nass.usda.gov)

<sup>2</sup> Marketing year average price.

<sup>3</sup> Not in the Federal Estimating Program, state estimate only.

<sup>4</sup> Includes arugula, basil, chives, coriander, cress, fennel, sage, thyme, etc.

<sup>5</sup> Includes head lettuce, Romaine, and all other lettuce.

### 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.



**Apple Acreage, Yield, Production, Price, and Value — New Jersey: 2013-2017**

Year	Bearing acreage	Yield per acre <sup>1</sup>	Production		Price per pound <sup>2</sup>	Value of utilized production
			Total	Utilized		
	<i>acres</i>	<i>pounds</i>	<i>million pounds</i>	<i>million pounds</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013.....	1,700	17,100	29.0	28.5	0.451	12,844
2014.....	1,700	21,800	37.0	36.0	0.847	30,492
2015.....	2,100	19,900	41.7	41.0	0.886	36,318
2016.....	2,400	14,500	34.7	34.0	1.070	36,350
2017.....	2,400	17,500	42.0	40.0	0.936	37,450

<sup>1</sup> Yield is based on total production, which includes unharvested production and fruit harvested but not sold due to market conditions.

<sup>2</sup> Marketing year average price.

**Apple Production, Price, and Value, by Utilization — New Jersey: 2013-2017**

Year	Fresh			Processed		
	Quantity	Price per pound <sup>1</sup>	Value of production	Quantity	Price per ton <sup>1</sup>	Value of production
	<i>million pounds</i>	<i>dollars</i>	<i>1,000 dollars</i>	<i>million pounds</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013.....	19.0	0.591	11,229	9.5	340.00	1,615
2014.....	26.0	1.102	28,652	10.0	368.00	1,840
2015.....	30.0	1.160	34,800	11.0	276.00	1,518
2016.....	27.0	1.310	35,370	7.0	280.00	980
2017.....	30.0	1.185	35,550	10.0	380.00	1,900

<sup>1</sup> Marketing year average price.

**Blueberry Acreage, Yield, Production, Price, and Value — New Jersey: 2013-2017**

**(Cultivated Blueberries)**

Year	Area harvested	Yield per acre <sup>1</sup>	Production		Price per pound <sup>2</sup>	Value of utilized production
			Total	Utilized		
	<i>acres</i>	<i>pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013.....	8,800	5,450	50,160	47,940	1.180	56,800
2014.....	9,300	5,980	55,610	55,610	1.400	77,793
2015.....	10,000	5,340	53,450	53,400	1.370	73,018
2016.....	9,300	4,730	44,120	43,990	1.350	59,390
2017.....	10,000	4,390	44,300	43,860	1.910	83,788

<sup>1</sup> Yield is based on utilized production.

<sup>2</sup> Marketing year average price.

**Blueberry Production, Price, and Value, by Utilization — New Jersey: 2013-2017**

Year	Fresh			Processed		
	Quantity	Price per pound <sup>1</sup>	Value of production	Quantity	Price per pound <sup>1</sup>	Value of production
	<i>1,000 pounds</i>	<i>dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013.....	43,500	1.220	53,070	4,440	0.840	3,730
2014.....	49,750	1.440	71,640	5,860	1.050	6,153
2015.....	45,800	1.430	65,494	7,600	0.990	7,524
2016.....	37,400	1.410	52,734	6,590	1.010	6,656
2017.....	39,000	2.040	79,560	4,860	0.870	4,228

<sup>1</sup> Marketing year average price.

**Cranberry Acreage, Yield, Production, Price, and Value — New Jersey: 2013-2017**

Year	Area harvested	Yield per acre <sup>1</sup>	Production		Price per barrel <sup>2</sup>	Value of utilized production
			Total	Utilized		
	<i>acres</i>	<i>barrels</i>	<i>barrels</i>	<i>barrels</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013 .....	3,000	180.8	547,500	542,300	37.50	20,336
2014 .....	3,000	204.7	652,000	614,000	36.90	22,657
2015 .....	3,000	189.7	595,000	569,000	37.70	21,445
2016 .....	3,100	208.4	653,000	646,000	43.10	27,835
2017 .....	2,500	180.0	451,200	449,900	36.60	16,451

<sup>1</sup> Yield is based on utilized production.

<sup>2</sup> Marketing year average price.

**Peach Acreage, Yield, Production, Price, and Value — New Jersey: 2013-2017**

Year	Bearing acreage	Yield per acre <sup>1</sup>	Production		Price per ton <sup>2</sup>	Value of utilized production
			Total	Utilized		
	<i>acres</i>	<i>tons</i>	<i>tons</i>	<i>tons</i>	<i>dollars</i>	<i>1,000 dollars</i>
2013 .....	4,500	4.03	18,120	18,000	1,510.00	27,180
2014 .....	4,600	4.88	22,450	21,050	1,320.00	27,891
2015 .....	4,700	4.50	21,170	21,100	1,310.00	27,585
2016 .....	4,700	4.25	19,980	19,910	1,430.00	28,403
2017 .....	4,700	6.00	28,200	28,190	1,560.00	44,001

<sup>1</sup> Yield is based on total production.

<sup>2</sup> Marketing year average price.

**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.



**Cattle and Calves Number on Farms, January 1, Inventory Value and Value per Head — New Jersey: 2014-2018**

Year	Cows and Heifers that have calved		Heifers 500 lbs. and over			Bulls	Steers	Calves	All Cattle and Calves		
	Kept for milk	Kept for beef	For milk replacement	For beef replacement	Other heifers	500 lbs. and over	500 lbs. and over	500 lbs. and less	Number	Value per head	Total value
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>dollars</i>	<i>1,000 dol.</i>
2014.....	7.0	7.0	3.0	1.0	1.0	1.0	2.0	5.0	27.0	1,260	34,020
2015.....	7.0	7.5	3.8	1.3	0.9	1.0	2.0	4.5	28.0	1,380	38,640
2016.....	7.0	7.5	3.8	1.3	0.9	1.0	2.0	4.5	28.0	1,380	38,640
2017.....	6.5	7.5	3.7	1.6	1.2	1.0	2.1	4.4	28.0	1,140	31,920
2018.....	6.0	9.0	3.2	2.1	1.2	1.0	2.1	4.4	29.0	1,160	33,640

**Cattle and Calves Inventory, Supply, and Disposition — New Jersey: 2013-2017**

Year	Beginning inventory January 1	Calf crop	Inshipments	Marketings <sup>1</sup>		Farm slaughter <sup>2</sup>	Deaths		Ending inventory following January 1
				Cattle	Calves		Cattle	Calves	
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
2013.....	31.0	9.5	1.0	7.0	6.2	0.2	0.4	0.7	27.0
2014.....	27.0	9.0	1.4	3.8	4.3	0.3	0.4	0.6	28.0
2015.....	28.0	10.0	0.9	4.6	5.1	-	0.6	0.6	28.0
2016.....	28.0	9.5	1.2	4.6	5.0	0.1	0.5	0.5	28.0
2017.....	28.0	9.5	1.2	3.6	5.0	0.2	0.4	0.5	29.0

- Represents zero.

<sup>1</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

<sup>2</sup> Excludes custom slaughter for farmers at commercial establishments.

**All Cattle and Calves Production and Income — New Jersey: 2013-2017**

Year	Production <sup>1</sup>	Marketings <sup>2</sup>	Value of Production	Cash Receipts <sup>3</sup>	Value of Home Consumption	Gross Income
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
2013.....	5,595	9,670	7,340	11,881	1,086	12,967
2014.....	6,356	5,558	10,549	9,428	1,240	10,668
2015.....	6,936	6,701	11,893	11,548	877	12,425
2016.....	6,071	6,162	7,436	7,539	969	8,508
2017.....	6,108	5,120	7,143	6,181	938	7,119

<sup>1</sup> Adjustments made for changes in inventory and inshipments.

<sup>2</sup> Excludes custom slaughter for use on farms where produced and interfarm sales within the State.

<sup>3</sup> Receipts from marketings and sale of farm slaughter.



**Cattle Number on Farms, January 1, by County — New Jersey: 2017-2018**

County and District	All Cattle and Calves		Milk Cows	
	2017	2018	2017	2018
	<i>head</i>	<i>head</i>	<i>head</i>	<i>head</i>
<b>North Counties</b>				
Bergen.....	(1)	(1)	(1)	(1)
Essex.....	(D)	(1)	(1)	(1)
Hudson.....	(1)	(1)	(1)	(1)
Hunterdon.....	3,900	4,000	600	700
Morris.....	300	300	(1)	(1)
Passaic.....	(D)	(1)	(1)	(1)
Somerset.....	2,600	2,700	100	100
Sussex.....	4,300	4,400	1,400	1,400
Union.....	(1)	(1)	(1)	(1)
Warren.....	4,300	4,400	1,200	600
<b>Central Counties</b>				
Burlington.....	1,200	1,300	(D)	(D)
Mercer.....	500	500	(D)	(D)
Middlesex.....	100	100	(1)	(1)
Monmouth.....	700	700	(1)	(1)
Ocean.....	500	500	(D)	(D)
<b>South Counties</b>				
Atlantic.....	(D)	(D)	(1)	(1)
Camden.....	(D)	(D)	(1)	(1)
Cape May.....	(D)	(D)	(1)	(1)
Cumberland.....	700	800	(D)	(D)
Gloucester.....	2,100	2,200	900	1,100
Salem.....	6,600	6,900	1,600	1,500
<b>All Other Counties.....</b>	<b>200</b>	<b>200</b>	<b>700</b>	<b>600</b>
<b>New Jersey Total.....</b>	<b>28,000</b>	<b>29,000</b>	<b>6,500</b>	<b>6,000</b>

(D) Withheld to avoid disclosing data for individual operations.

<sup>1</sup> Represents zero or is included in All Other Counties.

**Cattle Commercial Slaughter, by Month — New Jersey: 2016-2017 <sup>1</sup>**

Month	2016			2017		
	Number Head	Average Live Weight	Total Live Weight	Number Head	Average Live Weight	Total Live Weight
	<i>1,000</i>	<i>pounds</i>	<i>1,000 pounds</i>	<i>1,000</i>	<i>pounds</i>	<i>1,000 pounds</i>
January.....	2.2	1,100	2,362	2.8	1,090	3,088
February.....	2.5	1,073	2,614	2.8	1,088	3,002
March.....	2.8	1,074	2,992	3.3	1,083	3,585
April.....	2.8	1,067	2,956	3.0	1,089	3,293
May.....	3.0	1,079	3,187	3.8	1,104	4,156
June.....	3.4	1,081	3,704	3.8	1,101	4,127
July.....	2.8	1,072	2,940	3.2	1,079	3,418
August.....	2.8	1,082	2,997	3.7	1,082	3,966
September.....	2.8	1,077	2,949	2.9	1,089	3,146
October.....	2.3	1,092	2,522	3.1	1,124	3,437
November.....	2.6	1,097	2,875	3.0	1,101	3,331
December.....	2.9	1,091	3,133	3.1	1,095	3,406
<b>Total<sup>2</sup>.....</b>	<b>32.7</b>	<b>1,082</b>	<b>35,233</b>	<b>38.5</b>	<b>1,094</b>	<b>41,954</b>

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

<sup>2</sup> May not add due to rounding.

### Hogs and Pigs Inventory by Class, December 1 — New Jersey: 2013-2017

Year	Breeding	Market	Weight Group				Sows farrowing <sup>1</sup>	Pigs per litter <sup>1</sup>	Pig crop <sup>1</sup>
			Under 50 pounds	50-119 pounds	120-179 pounds	180 pounds and over			
	<i>1,000 head</i>	<i>1,000 head</i>	<i>number</i>	<i>1,000 head</i>					
2013.....	0.7	8.3	2.0	2.1	2.0	2.2	1.1	7.82	8.6
2014.....	1.0	9.0	2.8	2.5	2.0	1.7	1.3	7.46	9.7
2015.....	1.5	10.5	2.2	2.5	2.6	3.2	0.8	7.13	5.7
2016.....	1.5	9.5	2.4	1.6	1.9	3.6	1.0	6.10	6.1
2017.....	1.5	11.0	1.9	3.0	1.8	4.3	1.0	7.80	7.8

<sup>1</sup> Marketing year.

### Hogs and Pigs Inventory, Supply, and Disposition — New Jersey: 2013-2017

Year	Beginning inventory Dec. 1 preceding	Pig crop	Inshipments	Marketings <sup>1</sup>	Farm slaughter <sup>2</sup>	Deaths	Ending inventory Dec. 1
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
2013.....	8.0	8.6	17.7	24.5	0.1	0.7	9.0
2014.....	9.0	9.7	12.2	19.2	0.3	1.4	10.0
2015.....	10.0	5.7	10.0	11.8	0.5	1.4	12.0
2016.....	12.0	6.1	9.0	15.1	0.4	0.6	11.0
2017.....	11.0	7.8	9.0	14.2	0.1	1.0	12.5

<sup>1</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

<sup>2</sup> Excludes custom slaughter for farmers at commercial establishments.

### Hogs and Pigs Production, Marketings, and Income — New Jersey: 2013-2017

(Dollar values based on data received from United States Department of Agriculture's Agricultural Marketing Service.)

Year	Production <sup>1</sup>	Marketings <sup>2</sup>	Value of production <sup>3</sup>	Cash receipts <sup>3 4</sup>	Value of home consumption	Gross income
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
2013.....	1,664	2,332	372	1,596	75	1,671
2014.....	1,414	1,771	262	1,357	132	1,489
2015.....	1,393	1,059	486	593	140	733
2016.....	1,121	1,334	258	680	156	836
2017.....	1,228	1,315	345	716	46	762

<sup>1</sup> Adjustments made for changes in inventory and for inshipments.

<sup>2</sup> Excludes custom slaughter for use on farms where produced and interfarm sales within the State.

<sup>3</sup> Includes allowance for higher average price of State inshipments and outshipments of feeder pigs.

<sup>4</sup> Receipts from marketings and sale of farm slaughter.



**Honey Number of Colonies, Yield, Production, Stocks, Price, and Value — New Jersey: 2013-2017**  
**(Producers with 5 or more colonies.)**

Year	Honey producing colonies <sup>1</sup>	Yield per colony	Production	Stocks on December 15 <sup>2</sup>	Average price per pound <sup>3</sup>	Value of production <sup>4</sup>
	<i>1,000</i>	<i>pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>cents</i>	<i>1,000 dollars</i>
2013 .....	11	44	484	34	419	2,028
2014 .....	12	30	360	119	313	1,127
2015 .....	12	27	324	207	420	1,361
2016 .....	12	27	324	198	709	2,297
2017 .....	13	28	364	167	786	2,861

<sup>1</sup> Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.

<sup>2</sup> Stocks held by producers.

<sup>3</sup> Average price per pound based on expanded sales.

<sup>4</sup> Value of production is equal to production multiplied by average price per pound.



**Milk Cows and Production, by Quarter — New Jersey: 2016-2017**

Quarter	Milk cows <sup>1</sup>		Milk per cow <sup>2</sup>		Milk production <sup>2</sup>	
	2016	2017	2016	2017	2016	2017
	<i>1,000 head</i>	<i>1,000 head</i>	<i>pounds</i>	<i>pounds</i>	<i>million pounds</i>	<i>million pounds</i>
Jan - Mar.....	6.5	6.5	4,769	4,769	31.0	31.0
Apr - Jun.....	6.5	6.5	4,923	4,769	32.0	31.0
Jul - Sep.....	6.5	6.0	4,462	4,667	29.0	28.0
Oct - Dec .....	6.5	6.0	4,615	4,833	30.0	29.0
<b>Annual Total .....</b>	<b>7.0</b>	<b>6.0</b>	<b>17,429</b>	<b>19,833</b>	<b>122.0</b>	<b>119.0</b>

<sup>1</sup> Includes dry cows. Excludes heifers not yet fresh.

<sup>2</sup> Excludes milk sucked by calves.

**Milk Production, Disposition, and Income — New Jersey: 2013-2017**

Year	Milk Cows <sup>1</sup>	Milk per Cow	Total Milk Production	Disposition of Milk Produced			Prices Received <sup>2</sup>	Gross Income <sup>3</sup>	Value of Milk Produced <sup>4</sup>
				Fed to Calves	Used for Milk, Cream and Butter	Sold			
	<i>1,000 head</i>	<i>pounds</i>	<i>million pounds</i>	<i>million pounds</i>	<i>million pounds</i>	<i>million pounds</i>	<i>dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
2013.....	7.0	18,143	127.0	1.5	0.5	125.0	20.60	25,853	26,162
2014.....	7.0	18,143	127.0	1.5	0.5	125.0	24.90	31,250	31,623
2015.....	7.0	18,143	127.0	1.5	0.5	125.0	17.60	22,088	22,352
2016.....	7.0	17,429	122.0	1.5	0.5	120.0	16.40	19,762	20,008
2017.....	6.0	19,833	119.0	1.5	0.5	117.0	18.30	21,503	21,777

<sup>1</sup> Average number on farms during the year.

<sup>2</sup> Prices received for all milk sold wholesale per cwt.

<sup>3</sup> Includes value of milk used for home consumption.

<sup>4</sup> Includes value of milk fed to calves.



**Number of Farms, Land in Farms, and Average Farm Size — New Jersey and United States: 2013-2017**  
**(Places with annual sales of agricultural products of \$1,000 or more.)**

Year	New Jersey			United States		
	Number of farms	Land in farms	Average farm size	Number of farms	Land in farms	Average farm size
	<i>number</i>	<i>1,000 acres</i>	<i>acres</i>	<i>number</i>	<i>1,000 acres</i>	<i>acres</i>
2013 .....	9,100	720	79	2,102,010	914,030	435
2014 .....	9,100	720	79	2,085,000	913,000	438
2015 .....	9,100	720	79	2,068,000	912,000	441
2016 .....	9,100	720	79	2,060,000	911,000	442
2017 .....	9,100	720	79	2,048,000	910,000	444

**Number of Farms and Land in Farms, by Sales Class — New Jersey: 2013-2017**

Economic Sales Class	2013	2014	2015	2016	2017
	<i>farms</i>	<i>farms</i>	<i>farms</i>	<i>farms</i>	<i>farms</i>
<b>Number of Farms</b>					
\$1,000 - \$9,999 .....	5,600	5,600	5,600	5,600	5,600
\$10,000 - \$99,999 .....	(D)	2,350	2,350	2,350	2,350
\$100,000 - \$249,999 .....	(D)	450	450	450	450
\$250,000 - \$499,999 .....	(D)	270	270	270	270
\$500,000 - \$999,999 .....	210	210	210	210	210
\$1,000,000 and over .....	220	220	220	220	220
Total.....	9,100	9,100	9,100	9,100	9,100
	<i>acres</i>	<i>acres</i>	<i>acres</i>	<i>acres</i>	<i>acres</i>
<b>Land in Farms</b>					
\$1,000 - \$9,999 .....	160,000	160,000	160,000	160,000	160,000
\$10,000 - \$99,999 .....	(D)	160,000	160,000	160,000	160,000
\$100,000 - \$249,999 .....	(D)	80,000	80,000	80,000	80,000
\$250,000 - \$499,999 .....	(D)	90,000	90,000	90,000	90,000
\$500,000 - \$999,999 .....	80,000	80,000	80,000	80,000	80,000
\$1,000,000 and over .....	150,000	150,000	150,000	150,000	150,000
Total.....	720,000	720,000	720,000	720,000	720,000

(D) Withheld to avoid disclosing data for individual operations.



