

2017
ANNUAL
REPORT
&
AGRICULTURAL
STATISTICS



NEW JERSEY
DEPARTMENT OF AGRICULTURE

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



WIGHTMAN FARMS

JERSEY FRESH
As Fresh As Fresh Gets

A MESSAGE FROM SECRETARY OF AGRICULTURE

Douglas H. Fisher



- **2017 was another great year** for the agricultural community thanks to the many achievements by the farmers, residents and businesses which serve our state. This report issued pursuant to N.J.S.A 4:1-14 reflects on many of the accomplishments from the past year by the Department of Agriculture and includes the National Agricultural Statistics Service report on crops, livestock and commodities grown in our State. Agriculture continues to evolve and progress at a remarkable rate and we in the Department stand ready to serve. I am honored to serve with Governor Murphy, assisting all involved in agriculture in the Garden State as we move forward together.





2017 - 2018

New Jersey State Board of Agriculture



Mitchell Jones
President
Warren County
Hay/Grain Industry



Shirley Todd Kilne
Vice-President
Cumberland County
Vegetable Industry



Erlick K. Doyle
Board Member
Hunterdon County
Livestock Industry



Dan Farrand
Board Member
Morris County
Hay/Grain Industry



Al Natali
Board Member
Cape May County
Wine Industry



Ed Overdevest
Board Member
Cumberland County
Nursery Industry



Angelo Trapani
Board Member
Monmouth County
Beekeeping Industry



August Wullermln
Board Member
Atlantic County
Vegetable Industry



2017 Highlights



Animal Health Diagnostics Lab Receives Prestigious Accreditation

- The Department's Animal Health Diagnostics Lab (AHDL) received the highly coveted ISO 17025:2005 accreditation from the American Association for Laboratory Accreditation in July, making it one of only 18 such labs in the U.S. and the only New Jersey lab with this accreditation. The AHDL will now be able to conduct more types of tests and significantly reduce the time it takes for results to become official, especially important when responding to disease outbreaks and other emergency situations. The accreditation will bring many benefits to the AHDL's service. Among those will be more animal feed testing for pet foods and farm animals with a quicker turnaround for results since the tests will now not have to be sent to an another lab to be considered official. The accreditation also makes the lab eligible to receive more federal funding which will be used to ensure the staff is using the latest equipment and testing procedures. The lab expects to begin receiving more federal funds in 2018 or early 2019.

Survey shows more consumers prefer to purchase Jersey Fresh

- A just released Jersey Fresh consumer awareness survey shows demand for locally grown produce is higher than ever. A survey of more than 800 people showed 72 percent of those polled are more likely to purchase Jersey Fresh labeled products, up from 62 percent last year, an all-time high. Also, 64 percent of those polled are likely to ask for Jersey Fresh if they don't see it in the store, up 11 percent from last year. The brand is being seen at a higher rate as well, with 69 percent seeing Jersey Fresh tomatoes this year (up from 59 percent), 54 percent seeing Jersey Fresh sweet corn (up from 43 percent) and 50 percent seeing Jersey Fresh blueberries (up 13 percent).





Loew Brings Home National FFA Award

- Cumberland County's Joshua Loew was named the winner of the National FFA Proficiency Award in Outdoor Recreation-Entrepreneurship/Placement at the 90th Annual National FFA Convention and Expo in October. Loew, a member of the Cumberland Regional High School FFA and a Newport resident, was one of four finalists for the award. The proficiency awards recognize outstanding student achievement in agribusiness gained through establishment of a new business, working for an existing company, or otherwise gaining hands-on career experience. "It was just an amazing honor and very humbling to hear my name called as the winner," Loew said.



Natali, Doyle Sworn In For State Board

- The State Board of Agriculture had two members sworn in at its December meeting. Al Natali (pictured above), of Cape May County, represents the wine industry and became a new board member. Erick Doyle, of Hunterdon County, represents the livestock and hay industries renewing a term that began in 2015.

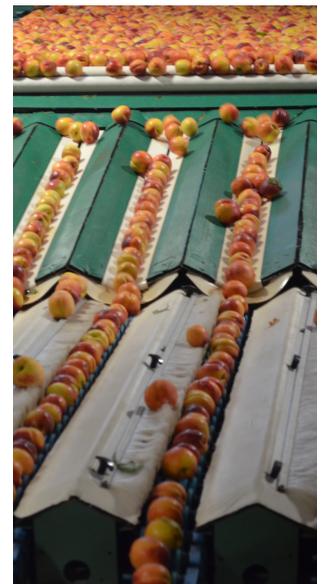
NJ Reaches Top 20 in School Breakfast

- New Jersey has seen one of the largest increases in the nation in school breakfast participation. The breakfast program is administered by the NJDA's Food and Nutrition Division. The 2015-2016 Food Research and Action Center's School Breakfast Scorecard advanced New Jersey to 19th in the nation for increasing the percent of low-income students who receive a healthy morning meal at the start of the school day. The ranking is based on the percentage of eligible students who receive breakfasts through the School Breakfast Program. During the 2014-15 school year, 278,871 New Jersey students received breakfast. The number increased to 302,120 during the 2015-16 school year, an increase of more than 23,000 students over the previous year. New Jersey ranked 23rd the previous year and 48th in 2011.



USDA Projects N.J. To Be No. 2 In U.S. In Peaches In 2017

- In August, the USDA projected New Jersey to be the No. 2 peach producer in the U.S. in 2017. It forecasted N.J. to produce about 48 million pounds of peaches. That would be 8 million more pounds than last year and place N.J. behind only California.



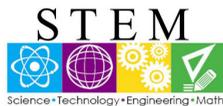
Division of

AGRICULTURAL AND NATURAL RESOURCES



DiTizio Wins Region I Agriscience Teaching Honor, One of Five National Finalists

- The Association for Career and Technical Education (ACTE) honored Keely DiTizio, a Teacher of Agriculture at Salem County Career and Technical School in Woodstown, as the 2017 ACTE Region I New Teacher of the Year and as one of five national finalists. The award recognizes new CTE teachers who have made significant contributions to innovative and unique career and technical education programs and shown a professional commitment. As a former high school agriscience student and FFA chapter president, DiTizio was featured on ACTE's website before becoming an agriscience educator at Salem County Vo-Tech, where she founded an Academy of Agricultural Sciences and has worked five years to implement one of the first full CASE (Curriculum for Agricultural Sciences Education) pathways in the country.



73

- Number of N.J. Gold, Silver and Bronze Winners at National FFA Convention

Soil Erosion Sediment Control Act Updated

- The Soil Erosion and Sediment Control Act was amended to include requirements to improve soil conditions on construction sites to alleviate soil compaction when and where it occurs. These amendments were required by the Soil Restoration Act, P.L. 210, Chapter 113 and became operational on December 7th. Requirements now include such practices as increased depth of topsoil, testing or de-compaction of subsoil prior to application of topsoil, detailed methods of testing for compaction and areas which are to be excluded from de-compaction due to other needs for engineered soils (such as around foundations, under pavement, etc.). The photo below shows the restoration of 800 feet of the Ramapo River bank after damage by Hurricane Irene in August 2011. Restoration was completed by the Boro of Oakland, Bergen County, N.J., in spring 2013.



New Agricultural Education Logo Highlights Expansion of Program

- The Department has unveiled a more relevant and colorful new logo (above) to depict the exciting breadth and depth of the instructional program traditionally known as “agricultural education”. The instructional program will now be known and identified as ‘New Jersey Food, Agriculture and Natural Resources Education’ and utilize the logo depicting various aspects of the global agricultural industry such as: the science of agriculture (microscope), plant systems (plant), animal systems (head of an animal) and food science systems (fork and knife). The words “Food, Agriculture and Natural Resources Education” appear in bold letters to emphasize the instructional program that prepares students for more than 250 careers in agriculture.

Horticulture Competition Inspires Creativity

- State FFA members participated in the New Jersey FFA Floral Design competition (pictured at right) at the 40th annual New Jersey FFA Horticultural Exposition at Mercer County Community College – West Windsor Campus. Plant designs were on display after the competition at the Exposition for two days in the school’s student center. Students competed for prizes in three divisions – Horticulture, Arrangement and Permanent. More than 700 entries were received and floral industry experts determined the winners of each class and chose a Best of Division for each class as well.

Shellfish Aquaculture Permitting Streamlined

- The Office of Aquaculture Coordination (OAC) continued to work with partners in the NJDEP to improve permitting efficiency for aquatic farmers. In 2016, the OAC Aquatic Farmer License application served as the required Operational Plan for the NJDEP, Bureau of Marine Water Monitoring (BMWM) Commercial Shellfish Aquaculture Permit and Hatchery/Nursery Permit applications. In 2017, coordination continued for the yearly BMWM applications and were expanded to include other Department-wide processes.



New Jersey's First Shrimp Farm Starts with Growing Colossal Pacific White

- The first and only shrimp production facility in the State of New Jersey was licensed this year. Growing “colossal size” Pacific White Shrimp, the facility is expected to produce an estimated 15,000 pounds of marketable product per year. The biosecure facility is located in Pennsauken in Camden County, and is designed to conserve resources via a highly efficient recirculation and filtration system. Sales began in early summer with the initial idea of direct-to-restaurant retail sales; however, the company has now focused on wholesale production.

Division of
ANIMAL HEALTH



Eastern Equine Encephalitis Cases Reported

- The Department continues to urge horse owners to vaccinate their animals against mosquito-borne Eastern Equine Encephalitis (EEE) after confirmed positive horses were found in the State. New Jersey had a total of six confirmed equine positive cases of EEE in 2017. There were two cases each in Cumberland and Cape May counties and one case in each Atlantic and Gloucester counties. The first case was confirmed on September 1. Five of the horses were humanely euthanized and one of the horses died. Vaccine to protect against EEE is available commercially. Horse owners should contact their veterinarians if their horses are not up-to-date on their vaccinations against EEE. The virus has a significantly higher risk of death in horses than West Nile Virus with a 90 percent mortality rate for unvaccinated horses. Both are viral diseases that affect a horse's neurological system and cause inflammation of the brain tissue. The diseases are transmitted by a mosquito bite. The viruses cycle between birds and mosquitoes with horses and humans being incidental hosts.

28,800

- **Number of lab tests performed by the Animal Health Diagnostic Laboratory in 2017**

Exotic Tick Discovered, Tests Negative

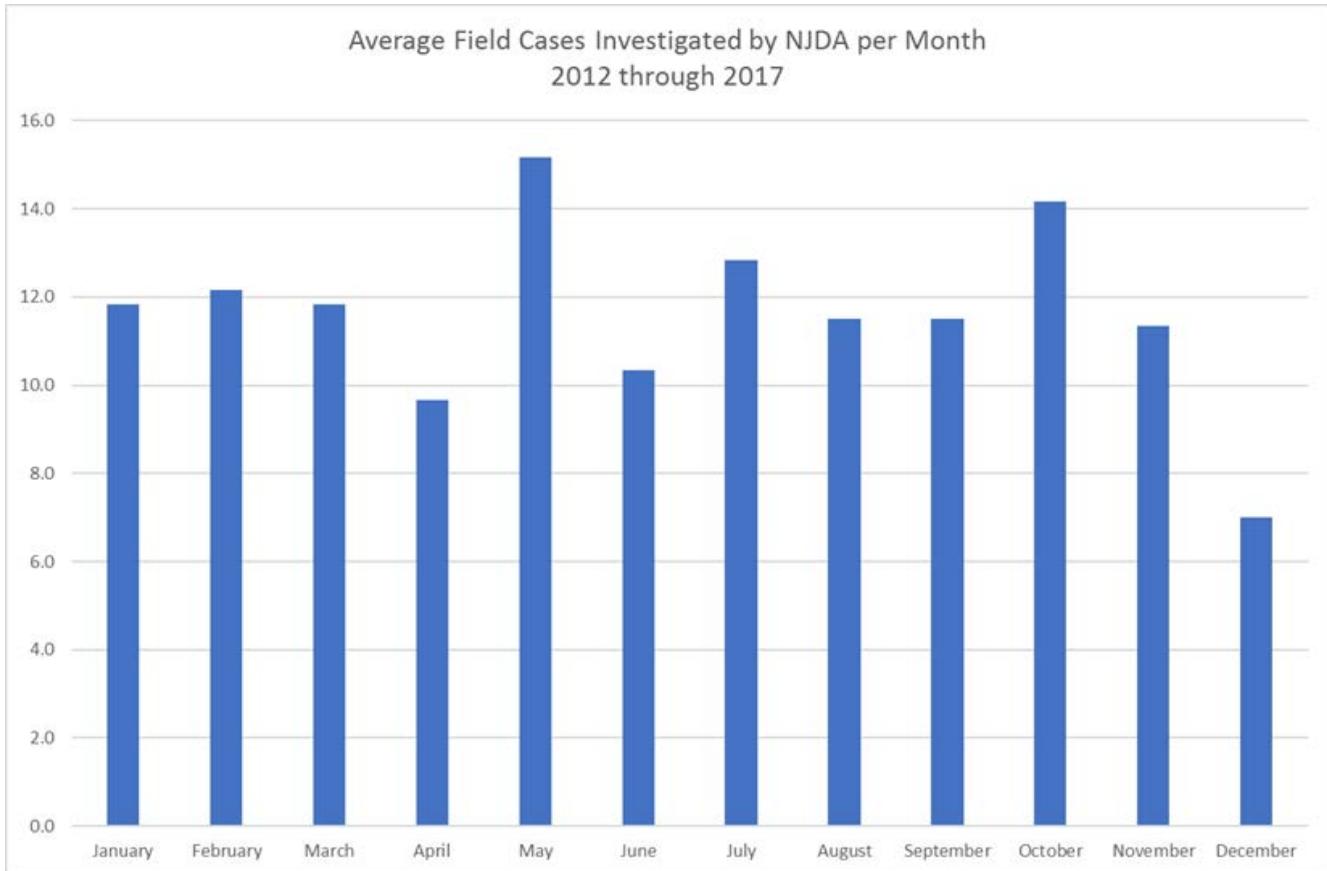
- An exotic East Asian tick, *Haemaphysalis longicornis* (pictured below), also known as the longhorned tick or bush tick, was found on a farm in Hunterdon County in the fall. The initial identification was made by the Monmouth County Tick-borne Diseases Lab, located at Rutgers University and the Hunterdon County Division of Health. The tick is not known to be present in the U.S., although there are records of at least a dozen previous collections of this species in the country on animals and materials presented for entry at U.S. ports. The sheep the tick was discovered on was tested for various livestock specific diseases and all tests were negative. Also, in cooperation with the New Jersey Division of Fish and Wildlife, more than 1,300 ticks were discovered on deer, raccoons and opossums in Hunterdon, Warren, Somerset, Sussex, Morris and Monmouth counties, and the *h. longicornis* tick was not discovered on any of those animals.



Photo Courtesy of Jim Occi, Rutgers University

Two West Nile, EHV-1 Viruses Diagnosed

- There were two cases each of the West Nile and Equine Herpes Virus (EHV-1) discovered in horses in New Jersey. The EHV-1 viruses were found in horses in Warren and Hunterdon counties and the West Nile cases were found in horses in Salem and Gloucester Counties. One of the EHV-1 horses was humanely euthanized and the other three horses were treated.



RUTGERS UNIVERSITY
EQUINE SCIENCE QUARTERLY

From Our Stable To Yours
Fall 2017

Inside the Issue:

- 08 From The Lab: Nitrogen & the Environment**
- 13 Graduate Student Spotlight: Jennifer Weinert**
- 16 Wine & Equine Event Educates Public on Envir.**

Preparing For An Emergency: Are You Ready For A Disaster On The Farm?

Disasters can occur at any time during the year, and can take many forms such as hurricanes, floods, gas leaks, blizzards, tornados, and wildfires. These events may occur unexpectedly, leaving animals in dangerous situations, or they may be anticipated for several days, giving owners ample time to prepare. In either scenario, the best solution is to have protocols in place before disaster strikes. The New Jersey Department of Agriculture (NJDA) launched the "New Jersey Animal Emergency Response" website to guide animal owners in creating emergency preparedness procedures. The format allows users to search recommendations by species, and provides resources for steps to complete before, during, and after a disaster. Dr. Meredith Steudle, a veterinarian in the Division of Animal Health of the NJDA, stated, "The website was created as part of a multi-faceted grant from the Office of Homeland Security and Preparedness. The bulk of the website development was handled in-house by the NJDA, with the exception of the mapping function, which was developed by Lucas Marxen at Rutgers. The website launched in August 2015, making New Jersey the first state to provide such a resource to animal owners."

The initial drive for accessibility to emergency preparedness resources stemmed from the devastating impact of Hurricane Katrina in 2005. Unfortunately, many people in that disaster lost their animals due to the lack of planning for co-located shelters, and some owners even lost their lives because they refused to leave their animals behind. "While it is natural for people with animals to seek shelter for themselves and their animals with family or friends outside the affected disaster area," stated Dr. Steudle, "those without that option should never be placed in a position of choosing whether or not to leave their animals behind in order to ensure their own safety."

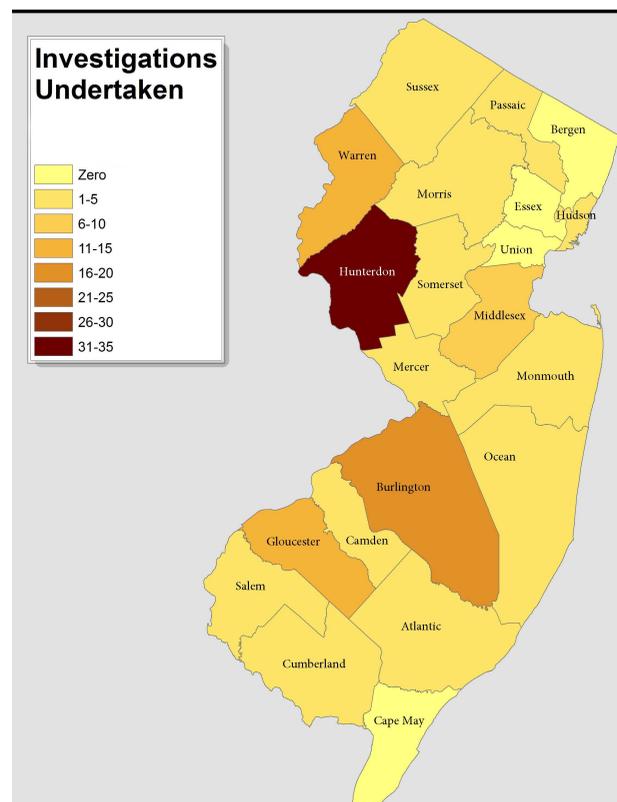
After Superstorm Sandy and Hurricane Irene severely impacted the Northeast region, the NJDA recognized the need for forms of communication and mapping functions specific to New Jersey. The mapping function on the website allows owners to locate facilities that include but are not limited to twenty-four-hour animal care and veterinary clinics, resources to locate a missing animal, and places to shelter animals during emergencies.

Volunteers in County Animal
Continued on pg. 4

Investigations Safeguard Animals' Health

- Part of the mission of the Animal Health Division is to respond to calls about concerns for the well-being of livestock. The chart above shows the busiest months for those calls in the last six years. The chart below provides a look at each county's cases this past year.

Cases for 2017



Rutgers Features Animal Emergency Site

- The Rutgers Equine Science Center newsletter and website featured the Division of Animal Health's Animal Emergency website in its quarterly publication. The newsletter emphasized how the Animal Emergency website is an excellent guide for emergency preparedness procedures.

Division of FOOD AND NUTRITION



Jersey Tastes! Program Encourages Students To Eat More Produce

- A visit to the A.T. Buzby Farm in September highlighted our Farm To School Jersey Tastes! Program, which encourages schools to highlight a different fruit or vegetable every month. September highlighted tomatoes, December featured blueberries, May will focus on asparagus, and August will emphasize sweet corn. Part of Jersey Tastes! includes the Department promoting posts of Jersey Tastes! events each month on Facebook, Twitter and Instagram by using the #jerseytastes hashtag. A complete Jersey Tastes! schedule for the year, including resources on how to implement the program, is posted on the Farm To School website at www.farmtoschool.nj.gov.

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- Number of fruits and vegetables the Jersey Tastes! Program features throughout the year, one for each month

Gleaning Grants Go To 3 Groups

- The Department awarded three Gleaning Support Grants, made possible through the Division's State Food Purchase Program. The New Jersey Agricultural Society received \$74,413, The Foodshed Alliance received \$18,042 and The Tri-County Community Action Agency received \$7,545. There was \$6.8 million this year distributed to the State's six food banks.

Summer Meals Reach Thousands

- The federally funded Summer Food Service Program reimburses participating organizations for meals served to children who live in areas in which at least 50 percent of the children qualify for free or reduced-price meals under the National School Lunch Program. Statewide in 2017 there were 116 sponsors for the more than 1,400 sites serving nearly 60,000 children daily.



Collaboration with NY Jets Encourages Healthy Lifestyles for Students

- The Department and New York Jets players visited four schools in 2017 as part of the NJDA's Jets Play 60 Eat Right, Move More program. Pace Charter School of Hamilton (pictured above) was the Grand Champion and received a \$15,000 grant and a visit from Jets offensive linemen Wesley Johnson and Brandon Shell. The school was also honored by attending the Jets game against the Miami Dolphins in September, which included a pregame visit onto the field and being shown on the stadium video board during a break in the game. The three "Division Champion" schools were West New York School #2, Linden High School and Amerigo A. Anastasia School in Long Branch. They each received a \$5,000 prize and a visit from a Jets player for a school assembly.



School Food on Display at USDA Conference

- More than 400 New Jersey school food service professionals and business administrators previewed the newest healthy school lunch and breakfast offerings available from food manufacturers for the 2017-2018 school year at the Hyatt Regency Hotel in New Brunswick in January of 2017. The Department presented the Fifth Annual USDA Foods Conference to showcase healthy school lunch and breakfast offerings that could appear in school cafeterias. The conference featured more than 40 vendors displaying trends in prepared school menu items made from USDA donated bulk foods that meet the nutritional requirements of the Healthy Hunger-Free Kids Act school food regulations implemented in 2013.

Division of MARKETING AND DEVELOPMENT



Month of The Horse Celebrated In June

- Secretary Fisher and New Jersey Equestrian of the Year Jamie Leuenberger kicked off the Month of the Horse in June with a visit to Concord Stud Farm (pictured above) where they toured the farm and watched a riding demonstration. A proclamation was presented declaring June 2017 the Month of the Horse in New Jersey. The horse also is the official animal of New Jersey as equine-related services add an estimated \$3.2 billion annually to the state economy. Leuenberger, who had recently completed her sophomore year at The College of New Jersey, was named New Jersey Equestrian of the Year by the New Jersey Equine Advisory Board in January. Her duties include representing the New Jersey Equine Advisory Board and attending functions hosted by the Board.

Semanchik Named Ag Fair Ambassador

- Pier Semanchik, of Great Meadows in Warren County, was chosen as the 2018 New Jersey Agricultural Fair Ambassador. The 18-year-old Centenary University student was selected from six contestants by the Agricultural Fair Association of New Jersey during the group's fall dinner on Nov. 5 in Eastampton. As ambassador, Semanchik is charged with visiting the state's agricultural fairs in 2018, discussing the fairs, promoting agritourism to the public, and bringing people together to support agriculture in New Jersey.

11

• Number of Jersey Fresh Crops ranked in the top 10 in production value in the U.S.

Jersey Fresh Tour Encompasses State

- Secretary Fisher made several visits at various sites around the state as part of a season-long Jersey Fresh Tour in 2017. The Jersey Fresh season started with a kickoff event at Grasso's Farm Market in Mullica Hill in Gloucester County at the beginning of May. It also included visits to Larchmont Farms in Salem County, Ron's Gardens in Atlantic County, the Shoprite of Morristown in Morris County, the Foodtown Supermarket in Essex County, and finished with a late-season crops visit to Robson's Farm with Rose Robson (pictured below) in Burlington County in November.





First Jersey Fresh Ice Cream Served at Red Barn Milk Company

- Secretary Fisher cut the ribbon for the grand opening of the Red Barn Milk Company in Hunterdon County in July. The business, started by Hun-Val Dairy Farm owners Jared and Treacy Weeks (pictured above), is selling the first Jersey Fresh ice cream and custard, along with other farm products. Jared Weeks started milking cows on farms while a teenager and eventually started his own dairy farm after graduating from North Hunterdon High School. He first rented a barn that had 12 milk cows and has built his total to about 160 cows, including new born calves as the herd is split between Holsteins and Brown Swiss. Weeks has the capacity to milk 50 cows at a time at Hun-Val.

#JerseyFreshLove, #JerseyFreshcipes Contests Popular

- The Grand Prize Winner of the 2017 Jersey Fresh Love photo contest was Nicole Gaffney, a chef, recipe developer, blogger, and videographer who also owns Soulberri Restaurant in Brigantine. The grand prize for Gaffney was a \$500 gift card to a Jersey Fresh restaurant. Her restaurant of choice was Steve and Cookie's By the Bay located in Margate. The winning photo (at right) featured tomatoes as Gaffney said she enjoys making a wide range of recipes with Jersey Fresh tomatoes. Participants entered the contest by sharing photos on Instagram from June 1 through August 31 with the hashtag #JerseyFreshLove. Overall, Jersey Fresh Love contest participants shared 1,600 photos on Instagram. Also, the Department had its first #JerseyFreshcipes contest, which featured participants making short videos of their favorite recipes. The winner was Melissa Russo, whose video of making a Jersey Fresh Peach Breakfast Danish received more than 1,000 reactions (likes, loves) on social media. In all, the videos for the three finalists received more than 2,000 reactions while reaching more than 100,000 people.



Attendance At Ag Fairs Remains Strong

- Attendance at the agricultural fairs continued to increase last summer. The fairs are focusing more each year on agriculture and agricultural education in their respective counties.

Division of PLANT INDUSTRY



Gypsy Moth Program Leads to Large Decrease in Acres Needing Treatment

- The Department proposed spraying approximately 4,500 acres of residential and county owned properties in Cape May, Morris, Ocean, Sussex and Warren counties in 2017 to combat the tree-killing gypsy moth caterpillar. The NJDA's aggressive spray program in 2016 resulted in a more than 75 percent decrease in the number of acres proposed for spraying in 2017. Egg mass surveys were

conducted from August to December and treatment was proposed for areas of Upper Township in Cape May County; Jefferson and Rockaway townships in Morris County; Manchester Township in Ocean County; Wanaque Borough and West Milford Township in Passaic County; Stillwater and Vernon townships in Sussex County; and Liberty, Lopatcong and White townships in Warren County. Participation in the program is voluntary. If the towns agree, spraying takes place in May and June. To qualify for the spray program, a residential or recreational forest must have an average of more than 500 egg masses per acre and be at least 50 acres. A single egg mass contains up to 1,000 eggs.

1,041

- **Number of greenhouse and nursery locations that were inspected in New Jersey in 2017**

Testing Performed at Phillip Alampi Laboratory

- The Phillip Alampi Beneficial Insect Lab continued to conduct tests in 2017. Those tests included: Apiary, 73 samples each for nosema and varroa mites; medical marijuana, 58 samples each for alfatoxin and ochratoxin; 181 tests for blueberry scorch virus, 2,197 tests for blueberry shock virus, 80 tests for plum pox virus, 181 tests for tobacco streak virus, and 80 tests for tomato ringspot virus. The lab was designed for biological pest control and allows state entomologists to develop insect rearing techniques and mass produce beneficial insects to be used to significantly reduce insect and weed populations.

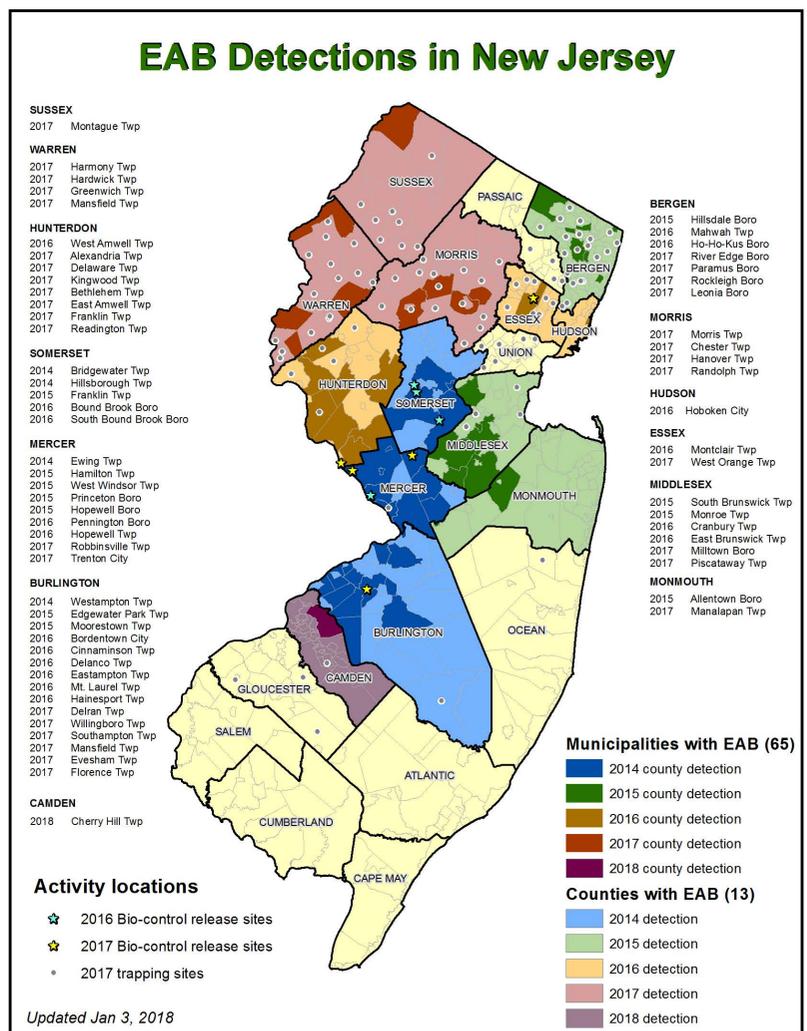
N.J. Receives Funding For Honey Bee Survey

- New Jersey was chosen to receive federal funding to conduct a National Honey Bee Survey for 2017-2018. The survey determines the presence of diseases and parasites in the nation's honey bee industry. The USDA is evaluating the nation's overall honey bee health. Thirty states are participating in the survey, where samples are collected and submitted from 24 apiaries. Samples will consist of live bees, bees in alcohol, and comb knock residue from eight colonies in each apiary.



Emerald Ash Borer Program Plays Major Role In Fighting Pest

- The Department has discovered the Emerald Ash Borer in 13 counties in New Jersey, with the southern most discovery being on the northern edge of Camden County in Cherry Hill. The other counties where EAB was detected were Sussex, Hunterdon, Somerset, Mercer, Burlington, Bergen, Morris, Hudson, Essex, Middlesex and Monmouth. Burlington County had the most municipalities where the pest was found at 15. One of the measures the state has taken to fight the tree eating EAB is to release a natural predator. In 2017, 22,804 larval parasitoids and 16,359 adult parasitoids were released to help combat the spread of EAB. The parasitoids are grown at the Phillip Alampi Beneficial Insect Laboratory (pictured above). EAB was discovered in New Jersey in May 2014 in Somerset County. Infestations throughout the U.S. and Canada have killed tens of millions of ash trees since 2002. New Jersey is estimated to have 24.7 million ash trees, nearly a quarter of the state's forested lands. The greatest numbers of ash trees are located in central and northern New Jersey.



SADC

State Agriculture Development Committee

Preservation Progress Continues With More Than 4,000 Acres in 2017

- In 2017, 75 farms covering 4,353 acres were preserved under the Farmland Preservation Program. Overall, 2,515 farms covering 227,739 acres have been permanently preserved under the program. Salem County is the leader in most acres preserved at 36,700 on 314 farms. However, Hunterdon County has the most farms with preserved land at 408 totaling 32,026 acres. Other leading counties for farmland preservation in the Garden State include Warren with 263 farms at 23,860 acres, Burlington with 226 farms at 28,284 acres, Monmouth with 204 farms at 15,259 acres, Cumberland with 199 farms at 20,217 acres, Gloucester with 190 farms at 14,368 acres, and Sussex with 147 farms at 15,811 acres. The total number of municipalities in the state with preserved farmland is 184 and the average size for preserved farms is 91 acres. The State Agriculture Development Committee has played a major role in making New Jersey the leader in the nation in State Investment Farmland Preservation programs at nearly \$1.7 billion.

2,515 • Number of NJ farms permanently preserved



Deer Fencing Video, Grant Program Available For Preserved Farmlands

- The SADC held a deer-fencing installation training course at the Rutgers Snyder Farm for successful applicants to its deer-fencing grant program. There is also a video of the training at www.nj.gov/agriculture/sadc under Hot Topics. The video includes plenty of important tips on installing deer fencing. Also, the SADC announced a new program to provide cost-sharing grants to New Jersey farmers to assist with installing deer fencing on permanently preserved farms to protect against crop losses. The SADC will provide 50 percent matching grants to qualifying established farmers for the cost of fencing materials and installation. The maximum grant award is \$200 per acre of preserved farmland owned or \$20,000 total. The SADC has made at least \$500,000 available for the program this fiscal year. The funds will be derived from a portion of the SADC's state farmland preservation monies that are allocated to promoting stewardship activities on preserved farms.



Pittsgrove Township First In State To Reach 10,000 Preserved Acres

- Upper Pittsgrove became the first municipality in New Jersey to reach 10,000 acres of farmland preserved under New Jersey's Farmland Preservation Program. The announcement came in June at William and Diane Brooks' home farm on Garrison Road, which they preserved in 1996. The Brooks family, including son Michael Brooks, farms about 1,400 acres in Salem County – nearly all of it preserved. In March, Michael Brooks preserved a 65-acre farm on Cedar Lane – 58 acres in Upper Pittsgrove and the remainder in Pittsgrove Township – that lifted Upper Pittsgrove over the 10,000-acre threshold. Upper Pittsgrove ranks first in the state for highest municipal concentration of farmland, with 83 percent of its land farmland-assessed, and second for total land (20,859 acres) devoted to agricultural or horticultural uses, according to 2014 farmland assessment data.

Soil, Water Conservation Grants Available

- It was announced in September that \$500,000 is available in cost-sharing grants to farmers and landowners to help them implement soil and water conservation projects on preserved farms. Through a memorandum of understanding with the SADC, the U.S. Department of Agriculture's Natural Resources Conservation Service (NRCS) will provide technical assistance to applicants and will assist landowners in planning and implementation of conservation practices in support of the Soil and Water Conservation Grant program. Landowners can apply for soil and water conservation grants at their local NRCS office. Completed applications will be forwarded to the State Soil Conservation Committee, which will approve and recommend eligible projects to the SADC. The SADC will provide 50 percent cost-sharing for eligible projects.

Rural Microenterprise Rules Proposed

- In November, the SADC proposed amendments to allow a farmer who owns a qualifying preserved farm to apply for a special permit to conduct a rural microenterprise within certain parameters. Rural microenterprises are certain types of appropriately scaled businesses or activities that are compatible with the agricultural use of the farm.
- Preserved Farms Can Apply To Protect Resources**
- Farms enrolled in the SADC preservation program that are eligible for USDA's Natural Resources Conservation Service (NRCS) Environmental Quality Incentives Program (EQIP) may apply for both EQIP and N.J. Department of Agriculture (NJDA) Conservation Cost-Share Program (CCSP) this year.



NEW JERSEY AGRICULTURAL STATISTICS 2017

**National Agricultural Statistics Service, USDA
Hubert Hamer, Administrator**

and

**New Jersey Department of Agriculture
Douglas H. Fisher, Secretary**

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

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

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

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

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



Rank of New Jersey Counties for Selected Items, 2012 Census

Item	1	2	3	4	5
Field Crop Harvested Acres					
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
Fruit and Berry Harvested Acres					
All fruit	Gloucester	Cumberland	Hunterdon	Monmouth	Warren
Blueberry	Atlantic	Burlington	Camden	Gloucester	---
All berries	Atlantic	Burlington	Camden	Gloucester	Morris
Nurseries					
Number of nurseries	Monmouth	Cumberland	Burlington	Hunterdon	Gloucester
Nursery stock acreage in the open	Cumberland	Monmouth	Burlington	Gloucester	Salem
Livestock					
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 — 2016

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

¹ 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: 2014

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 Grainbu	79,000	157	12,403	3.80	47,131	597
Corn for Silageton	5,000	20.0	100	(NA)	(NA)	(NA)
All Hayton	106,000	2.46	261	191	49,807	470
Alfalfa Hayton	14,000	3.5	49	255	12,495	893
Other Hayton	92,000	2.3	212	176	37,312	406
Potatoescwt	1,900	225	428	11.90	5,093	2,681
Soybeans for Beansbu	103,000	44	4,532	9.85	44,640	433
Sweet Potatoescwt	1,200	160	192	36.90	7,085	5,904
Winter Wheatbu	25,000	53	1,325	4.80	6,360	254

(NA) Not available.

Fruit Crop Summary — New Jersey: 2014

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>
Appleslbs	1,700	21,800	36,000	0.847	30,492	17,936
Blueberrieslbs	9,300	5,980	55,610	1.400	77,793	8,365
Cranberriesbarrels	3,000	204.70	614	36.90	22,657	7,552
Peaches tons	4,600	4.9	21	1,320.00	27,891	6,063

Principal Vegetables for Fresh Market Crop Summary — New Jersey: 2014

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>
Principal Vegetables for Fresh Market						
Asparagus ¹Jan-Jun..... cwt	1,300	37	48	150.00	7,200	5,538
CabbageJan-Dec..... cwt	1,500	355	533	17.80	9,487	6,325
Collards ¹Jan-Dec..... cwt	900	150	135	31.20	4,212	4,680
Cucumber ¹July-Dec..... cwt	3,100	215	667	22.40	14,941	4,820
Eggplant ¹July-Dec..... cwt	800	205	164	28.20	4,625	5,781
Escarole & Endive ¹Jan-Dec..... cwt	300	190	57	34.00	1,938	6,460
Herbs ^{1 2}Jan-Dec..... cwt	1,500	110	165	80.00	13,200	8,800
Kale ¹Jan-Dec..... cwt	700	170	119	32.50	3,868	5,526
Lettuce, All ^{1 3}Jan-Dec..... cwt	1,500	180	270	30.60	8,262	5,508
Parsley ¹Jan-Dec..... cwt	700	143	100	38.20	3,820	5,457
Peppers, Bell.....July-Dec..... cwt	2,800	340	952	31.00	29,512	10,540
Pumpkins ¹July-Dec..... cwt	2,400	90	216	33.00	7,128	2,970
Snap Beans.....Jan-Dec..... cwt	2,600	33	86	38.20	3,285	1,263
Spinach.....Jan-Dec..... cwt	1,300	170	221	37.70	8,332	6,409
Squash, Summer ¹July-Dec..... cwt	2,000	135	270	33.70	9,099	4,550
Squash, Winter ¹July-Dec..... cwt	700	120	84	29.90	2,512	3,589
Sweet Corn.....July-Dec..... cwt	6,000	90	540	31.20	16,848	2,808
Tomatoes.....July-Dec..... cwt	2,900	215	624	61.00	38,064	13,126
Total - 18 market crops.....	33,000	---	5,251	---	186,334	5,646

¹Not in the Federal Estimating Program, state estimates only.

²Includes arugula, basil, chives, coriander, cress, fennel, sage, thyme, etc., excludes parsley.

³Includes head lettuce, Romaine, and other lettuce.

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 Potatoescwt	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>
Appleslbs	2,100	19,900	41,000	0.886	36,318	17,294
Blueberrieslbs	10,000	5,340	53,400	1.370	73,018	7,302
Cranberriesbarrels	3,000	189.70	569	37.70	21,445	7,148
Peachestons	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>
Principal Vegetables for Fresh Market						
Asparagus ¹Jan-Juncwt	1,500	41	62	144.00	8,928	5,952
CabbageJan-Deccwt	1,600	390	624	18.40	11,482	7,176
Collards ¹Jan-Deccwt	800	155	124	32.20	3,993	4,991
CucumberJuly-Deccwt	3,200	215	688	23.90	16,443	5,138
Eggplant ¹July-Deccwt	800	185	148	35.40	5,239	6,549
Escarole & Endive ¹Jan-Deccwt	300	195	59	36.20	2,136	7,120
Herbs ^{1 2}Jan-Deccwt	1,700	70	119	77.30	9,199	5,411
Kale ¹Jan-Deccwt	800	210	168	32.90	5,527	6,909
Lettuce, All ^{1 3}Jan-Deccwt	1,500	185	278	39.00	10,842	7,228
Parsley ¹Jan-Deccwt	600	200	120	63.50	7,620	12,700
Peppers, BellJuly-Deccwt	2,500	305	763	45.00	34,335	13,734
Pumpkins ¹July-Deccwt	2,100	85	179	55.50	9,935	4,731
Snap BeansJan-Deccwt	2,400	32	77	59.80	4,605	1,919
SpinachJan-Deccwt	1,400	150	210	49.30	10,353	7,395
Squash, Summer ¹July-Deccwt	2,000	100	252	38.40	7,680	3,840
Squash, Winter ¹July-Deccwt	800	65	52	35.50	1,846	2,308
Sweet CornJuly-Deccwt	5,800	90	522	32.20	16,808	2,898
TomatoesJuly-Deccwt	2,900	225	653	81.10	52,958	18,261
Total - 18 market crops	32,700	---	5,098	---	219,929	6,726

¹ Not in the Federal Estimating Program, state estimates only.

² Includes arugula, basil, chives, coriander, cress, fennel, sage, thyme, etc., excludes parsley.

³ 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 ¹	
					Total	Per Acre
			<i>1,000</i>	<i>dollars</i>	<i>\$1,000</i>	<i>dollars</i>
Corn for Grainbu	71,000	145	10,295	3.55	36,547	515
Corn for Silageton	5,000	16.0	80	(NA)	(NA)	(NA)
All Hayton	114,000	1.88	214	191	31,235	274
Alfalfa Hayton	11,000	3.5	39	231	9,360	851
Other Hayton	103,000	1.7	175	160	21,875	212
Soybeans for Beansbu	98,000	36	3,528	9.59	33,516	342
Winter Wheatbu	21,000	64	1,344	4.15	5,443	259

(NA) Not available.

¹ Based on preliminary State marketing year average price.

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>
Appleslbs	2,400	14,500	34,000	1.070	36,350	15,146
Blueberrieslbs	9,300	4,730	43,990	1.350	59,390	6,386
Cranberriesbarrels	3,100	208.40	646	43.10	27,835	8,979
Peachestons	4,700	4.3	20	1,430.00	28,403	6,043

Principal Vegetables Crop Summary — New Jersey: 2016 ^{1,2}

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>
Principal Vegetables for Fresh Market						
AsparagusJan-Juncwt	1,400	40	56	171.00	9,576	6,840
Cabbage ³Jan-Deccwt	1,600	325	520	16.80	8,736	5,460
Collards ³Jan-Deccwt	700	150	105	36.40	3,822	5,460
CucumberJuly-Deccwt	3,100	215	667	25.20	16,787	5,415
Eggplant ³July-Deccwt	800	240	192	35.90	6,893	8,616
Escarole & Endive ³Jan-Deccwt	400	200	80	36.20	2,896	7,240
Herbs ^{3,4}Jan-Deccwt	1,800	125	225	50.80	11,430	6,350
Kale ³Jan-Deccwt	700	160	112	29.90	3,349	4,784
Lettuce, All ^{3,5}Jan-Deccwt	1,400	180	252	33.00	8,316	5,940
Parsley ³Jan-Deccwt	700	128	90	50.90	4,581	6,544
Peppers, Bell.....July-Deccwt	2,300	275	633	31.60	19,972	8,683
PumpkinsJuly-Deccwt	2,000	101	202	27.00	5,454	2,727
Snap Beans.....Jan-Deccwt	2,600	34	88	37.10	3,262	1,255
Spinach.....Jan-Deccwt	2,400	128	307	35.60	10,938	4,558
Squash, Summer ³July-Deccwt	2,300	130	299	34.30	10,255	4,459
Squash, Winter ³July-Deccwt	1,100	81	89	27.50	2,447	2,225
Sweet Corn.....July-Deccwt	6,400	93	595	29.10	17,289	2,701
Tomatoes.....July-Deccwt	2,900	273	791	58.60	46,354	15,984
Total - 18 market crops	34,600	---	5,303	---	192,357	5,559

¹ Preliminary

² 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

³ Not in the Federal Estimating Program, state estimates only.

⁴ Includes arugula, basil, chives, coriander, cress, fennel, sage, thyme, etc., excludes parsley.

⁵ Includes head lettuce, Romaine, and other lettuce.



Corn for Grain Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2012-2016

Year	Area planted ¹	Area harvested	Yield per acre	Production	Price per bushel ²	Value of production
	<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>
2012.....	95	86	118.0	10,148	7.40	75,095
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	3.55	36,547

¹ Area planted includes corn planted for both grain and silage.

² Marketing year average price.

Corn for Silage Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2012-2016

Year	Area planted	Area harvested	Yield per acre	Production	Price per ton ²	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>
2012.....	(¹)	8	15.0	120	(NA)	(NA)
2013.....	(¹)	9	20.0	180	(NA)	(NA)
2014.....	(¹)	5	20.0	100	(NA)	(NA)
2015.....	(¹)	7	21.0	147	(NA)	(NA)
2016.....	(¹)	5	16.0	80	(NA)	(NA)

(NA) Not available.

¹ For area planted, see corn for grain table.

² Marketing year average price.

Alfalfa Hay Area Harvested, Yield, Production, Price, and Value — New Jersey: 2012-2016

Year	Area harvested	Yield per acre	Production	Price per ton ¹	Value of Production ²
	<i>1,000 acres</i>	<i>tons</i>	<i>1,000 tons</i>	<i>dollars</i>	<i>1,000 dollars</i>
2012.....	15	3.40	51	206.00	10,506
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	9,360

¹ Marketing year average price.

² Based on final State marketing year average price for years prior to 2016; for 2016, based on preliminary State marketing year average price.

Other Hay Area Harvested, Yield, Production, Price, and Value — New Jersey: 2012-2016

Year	Area harvested	Yield per acre	Production	Price per ton ¹	Value of Production ²
	<i>1,000 acres</i>	<i>tons</i>	<i>1,000 tons</i>	<i>dollars</i>	<i>1,000 dollars</i>
2012.....	88	2.00	176	153.00	26,928
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	21,875

¹ Marketing year average price.

² Based on final State marketing year average price for years prior to 2016; for 2016, based on preliminary State marketing year average price.

All Hay Area Harvested, Yield, Production, Price, and Value — New Jersey: 2012-2016

Year	Area harvested	Yield per acre	Production	Price per ton ¹	Value of Production ²
	<i>1,000 acres</i>	<i>tons</i>	<i>1,000 tons</i>	<i>dollars</i>	<i>1,000 dollars</i>
2012.....	103	2.20	227	166.00	37,434
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	31,235

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

² Based on final State marketing year average price for years prior to 2016; for 2016, based on preliminary State marketing year average price.



Potatoes Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2012-2016

Year	Area planted	Area harvested	Yield per acre	Production	Price per cwt ¹	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>
2012	2.3	2.3	280	644	(D)	(D)
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)

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

¹ Marketing year average price.

Soybeans for Beans Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2012-2016

Year	Area planted	Area harvested	Yield per acre	Production	Price per bushel ¹	Value of Production ²
	<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>
2012	96	94	39.0	3,666	13.90	50,957
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	33,516

¹ Marketing year average price.

² Based on final State marketing year average price for years prior to 2016; for 2016, based on preliminary State marketing year average price.

Sweet Potatoes Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2012-2016

Year	Area planted	Area harvested	Yield per acre	Production	Price per cwt ¹	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>
2012	1.3	1.3	160	208	24.20	5,034
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	(²)	(²)	(²)	(²)	(²)	(²)

¹ Marketing year average price.

² Estimates discontinued in 2016.

Winter Wheat Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2012-2016

Year	Area planted	Area harvested	Yield per acre	Production	Price per bushel ¹	Value of Production ²
	<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>
2012	27	23	56.0	1,288	7.15	9,209
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	5,443

¹ Marketing year average price.

² Based on final State marketing year average price for years prior to 2016; for 2016, based on preliminary State marketing year average price.



Corn for Grain Acreage, Yield, and Production, by County and District — New Jersey: 2015-2016

County and District	Planted		Harvested		Yield		Production	
	2015	2016	2015	2016	2015	2016	2015	2016
	<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	(¹)	(¹)						
Essex.....	(¹)	(¹)						
Hudson	(¹)	(¹)						
Hunterdon.....	6,400	8,500	6,000	8,200	147.5	157.3	885,000	1,290,000
Morris	1,200	(¹)	1,100	(¹)	136.4	(¹)	150,000	(¹)
Passaic	(¹)	(¹)						
Somerset.....	(¹)	(¹)						
Sussex.....	(¹)	(¹)						
Union.....	(¹)	(¹)						
Warren.....	19,000	15,700	17,000	15,200	155.8	157.9	2,648,000	2,400,000
Other counties.....	5,400	8,300	4,300	6,000	149.8	127.5	644,000	765,000
North, Total.....	32,000	32,500	28,400	29,400	152.4	151.5	4,327,000	4,455,000
Burlington.....	6,400	8,000	6,200	6,990	148.9	135.8	923,000	949,000
Mercer	2,700	2,700	2,500	2,400	128.8	149.2	322,000	358,000
Middlesex	3,000	3,000	2,900	2,900	130.0	149.7	377,000	434,000
Monmouth	(¹)	(¹)						
Ocean.....	(¹)	(¹)						
Other counties.....	1,900	1,800	1,800	1,510	136.1	121.2	245,000	183,000
Central, Total.....	14,000	15,500	13,400	13,800	139.3	139.4	1,867,000	1,924,000
Atlantic	(¹)	900	(¹)	800	(¹)	76.5	(¹)	61,200
Camden.....	(¹)	(¹)						
Cape May	(¹)	(¹)						
Cumberland	5,700	6,500	5,200	6,000	165.4	163.3	860,000	980,000
Gloucester.....	5,700	5,900	4,500	3,700	134.2	74.3	604,000	275,000
Salem.....	21,400	18,000	19,600	16,800	145.6	152.4	2,854,000	2,560,000
Other counties.....	1,200	700	900	500	80.0	79.6	72,000	39,800
South, Total.....	34,000	32,000	30,200	27,800	145.4	140.9	4,390,000	3,916,000
Other districts.....	-	-						
New Jersey Total	80,000	80,000	72,000	71,000	147.0	145.0	10,584,000	10,295,000

- Represents zero.

¹ Represents zero or is included in Other counties.

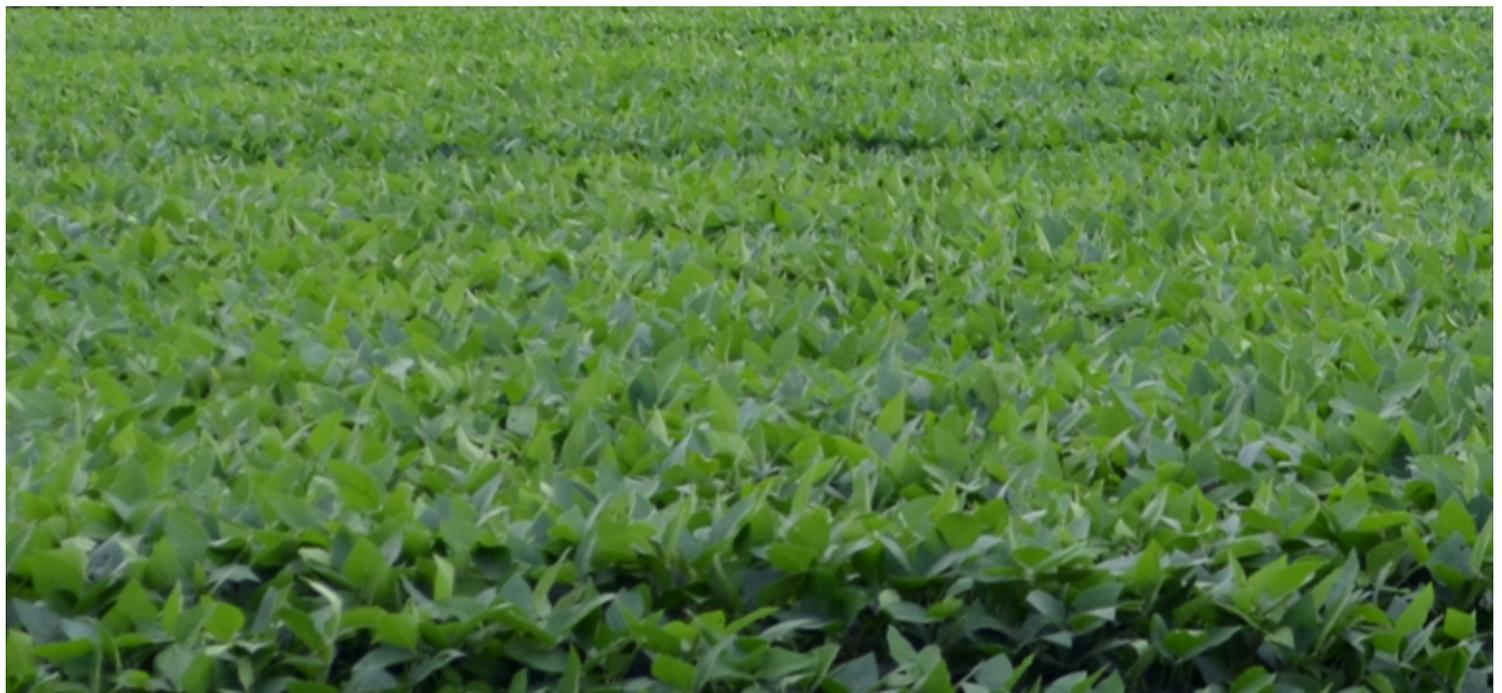


Soybean Acreage, Yield, and Production, by County and District — New Jersey: 2015-2016

County and District	Planted		Harvested		Yield		Production	
	2015	2016	2015	2016	2015	2016	2015	2016
	<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.....	(¹)							
Essex.....	(¹)							
Hudson.....	(¹)							
Hunterdon.....	7,000	6,400	6,900	6,200	37.5	45.2	259,000	280,000
Morris.....	(¹)							
Passaic.....	(¹)							
Somerset.....	3,000	(¹)	2,810	(¹)	22.4	(¹)	63,000	(¹)
Sussex.....	(¹)							
Union.....	(¹)							
Warren.....	9,000	9,100	8,990	9,070	47.8	52.4	430,000	475,000
Other counties.....	1,000	4,100	1,000	3,930	37.0	34.9	37,000	137,000
North, Total.....	20,000	19,600	19,700	19,200	40.1	46.5	789,000	892,000
Burlington.....	23,000	21,700	22,800	21,600	31.0	31.3	707,000	677,000
Mercer.....	(¹)	4,700	(¹)	4,400	(¹)	35.2	(¹)	155,000
Middlesex.....	3,100	(¹)	2,900	(¹)	33.8	(¹)	98,000	(¹)
Monmouth.....	5,500	5,000	5,300	4,820	29.6	33.0	157,000	159,000
Ocean.....	(¹)							
Other counties.....	5,400	3,300	5,300	3,180	33.0	40.3	175,000	128,000
Central, Total.....	37,000	34,700	36,300	34,000	31.3	32.9	1,137,000	1,119,000
Atlantic.....	(¹)							
Camden.....	(¹)							
Cape May.....	(¹)							
Cumberland.....	11,300	(¹)	11,200	(¹)	30.8	(¹)	345,000	(¹)
Gloucester.....	(¹)							
Salem.....	25,800	25,700	25,700	25,600	30.3	34.8	778,000	892,000
Other counties.....	10,900	20,000	10,100	19,200	24.5	32.6	247,000	625,000
South, Total.....	48,000	45,700	47,000	44,800	29.1	33.9	1,370,000	1,517,000
Other districts.....	-							
New Jersey Total.....	105,000	100,000	103,000	98,000	32.0	36.0	3,296,000	3,528,000

- Represents zero.

¹ Represents zero or is included in Other counties.



Winter Wheat Acreage, Yield, and Production, by County and District — New Jersey: 2015-2016

County and District	Planted		Harvested		Yield		Production	
	2015	2016	2015	2016	2015	2016	2015	2016
	<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	(¹)	(²)						
Essex.....	(¹)	(²)						
Hudson	(¹)	(²)						
Hunterdon.....	2,700	(²)	2,300	(²)	46.1	(²)	106,000	(²)
Morris	(¹)	(²)						
Passaic	(¹)	(²)						
Somerset.....	1,400	(²)	1,300	(²)	34.2	(²)	44,500	(²)
Sussex.....	(¹)	(²)						
Union.....	(¹)	(²)						
Warren.....	(¹)	(²)						
Other counties.....	2,100	(²)	1,500	(²)	59.7	(²)	89,500	(²)
North, Total.....	6,200	(²)	5,100	(²)	47.1	(²)	240,000	(²)
Burlington.....	3,000	(²)	2,300	(²)	54.3	(²)	125,000	(²)
Mercer	(¹)	(²)						
Middlesex	(¹)	(²)						
Monmouth	1,300	(²)	900	(²)	56.1	(²)	50,500	(²)
Ocean.....	(¹)	(²)						
Other counties.....	600	(²)	300	(²)	58.3	(²)	17,500	(²)
Central, Total.....	4,900	(²)	3,500	(²)	55.1	(²)	193,000	(²)
Atlantic	(¹)	(²)						
Camden.....	(¹)	(²)						
Cape May	(¹)	(²)						
Cumberland	(¹)	(²)						
Gloucester.....	(¹)	(²)						
Salem.....	(¹)	(²)						
Other counties.....	15,900	(²)	11,400	(²)	49.7	(²)	567,000	(²)
South, Total.....	15,900	(²)	11,400	(²)	49.7	(²)	567,000	(²)
Other districts.....	-	(²)						
New Jersey Total	27,000	25,000	20,000	21,000	50.0	64.0	1,000,000	1,344,000

- Represents zero.

¹ Represents zero or is included in Other counties.

² Not available due to program change.



Alfalfa Hay Acreage, Yield, and Production, by County and District — New Jersey: 2015-2016

County and District	Harvested		Yield		Production	
	2015	2016	2015	2016	2015	2016
	<i>acres</i>	<i>acres</i>	<i>tons</i>	<i>tons</i>	<i>tons</i>	<i>tons</i>
Bergen.....	(¹)					
Essex.....	(¹)					
Hudson.....	(¹)					
Hunterdon.....	1,500	(¹)	1.85	(¹)	2,740	(¹)
Morris.....	(¹)					
Passaic.....	(¹)					
Somerset.....	(¹)	800	(¹)	3.20	(¹)	2,550
Sussex.....	1,700	1,700	2.25	3.10	3,800	5,300
Union.....	(¹)					
Warren.....	1,600	1,600	3.05	4.55	4,900	7,300
Other counties.....	1,000	1,200	3.45	3.40	3,460	4,050
North, Total.....	5,800	5,300	2.55	3.60	14,900	19,200
Burlington.....	700	700	2.35	3.35	1,650	2,360
Mercer.....	(¹)					
Middlesex.....	(¹)					
Monmouth.....	800	600	2.40	4.15	1,900	2,490
Ocean.....	(¹)					
Other counties.....	700	700	3.20	2.80	2,250	1,950
Central, Total.....	2,200	2,000	2.65	3.40	5,800	6,800
Atlantic.....	(¹)					
Camden.....	(¹)					
Cape May.....	(¹)					
Cumberland.....	800	750	2.45	3.05	1,950	2,300
Gloucester.....	900	610	4.05	3.05	3,650	1,860
Salem.....	1,800	(¹)	4.35	(¹)	7,800	(¹)
Other counties.....	500	2,340	3.80	3.80	1,900	8,840
South, Total.....	4,000	3,700	3.85	3.50	15,300	13,000
Other districts.....	-	-	-	-	-	-
New Jersey Total.....	12,000	11,000	3.00	3.50	36,000	39,000

- Represents zero.

¹ Represents zero or is included in Other counties.



Floriculture: Selected Crops and State Totals — New Jersey: 2015-2016

Growers with Gross Value of Sales	Number of Growers		Covered Area		Expanded Wholesale Value of Sales ¹	
	2015	2016	2015	2016	2015	2016
			<i>1,000 square feet</i>	<i>1,000 square feet</i>	<i>\$1,000</i>	<i>\$1,000</i>
\$100,000 and over	139	(²)	20,949	(²)	197,001	(²)
\$10,000 - \$99,999.....	134	(²)	2,780	(²)	6,420	(²)
Total	273	(²)	23,729	(²)	203,421	(²)

¹ Wholesale value of sales as reported by growers with \$100,000 or more in sales of floriculture crops plus a calculated wholesale value of sales for growers with sales below \$100,000. The value of sales for growers below the \$100,000 level was estimated by multiplying the number of growers in each size group by the mid-point of each dollar value range.

² Survey not conducted in 2016.

Growing Area: By Type of Cover — New Jersey: 2015-2016

Type of Cover	All Operations with \$10,000+ Sales		All Operations with \$100,000+ Sales	
	2015	2016	2015	2016
	<i>1,000 square feet</i>	<i>1,000 square feet</i>	<i>1,000 square feet</i>	<i>1,000 square feet</i>
Total Greenhouse Cover	23,236	(¹)	20,674	(¹)
Glass Greenhouses.....	4,675	(¹)	4,582	(¹)
Fiberglass and Other Rigid Greenhouses.....	1,031	(¹)	977	(¹)
Film Plastic Greenhouse	17,530	(¹)	15,115	(¹)
Shade and Temporary Cover	493	(¹)	275	(¹)
Total Covered Area	23,729	(¹)	20,949	(¹)

¹ Survey not conducted in 2016.

Floriculture: Selected Crops and State Totals — New Jersey: 2015-2016

Plant Type and Units for Quantity Sold	Operations with \$100,000+ Sales					
	Growers		Quantity Sold		Wholesale Value of Sales ¹	
	2015	2016	2015	2016	2015	2016
	<i>number</i>	<i>number</i>	<i>1,000 units</i>	<i>1,000 units</i>	<i>\$1,000</i>	<i>\$1,000</i>
Bedding/Garden Plants, Total ²					133,657	(³)
Annuals					77,016	(³)
Hanging Baskets, Geraniums (Cuttings)	64	(³)	229	(³)	1,876	(³)
Hanging Baskets, Impatiens (Other).....	29	(³)	59	(³)	317	(³)
Hanging Baskets, New Guinea Impatiens	61	(³)	313	(³)	2,582	(³)
Hanging Baskets, Petunias	60	(³)	315	(³)	2,230	(³)
Impatiens (Other).....	59	(³)	263	(³)	2,851	(³)
Petunias	77	(³)	368	(³)	3,021	(³)
Marigolds.....	77	(³)	166	(³)	1,708	(³)
Geraniums (Cuttings)	79	(³)	1,805	(³)	4,155	(³)
New Guinea Impatiens	75	(³)	1,401	(³)	2,546	(³)
Pansies/Violas	49	(³)	1,289	(³)	2,231	(³)
Potted Herbaceous Perennials					56,641	(³)
Hardy/Garden Chrysanthemums	71	(³)	4,596	(³)	12,990	(³)
Hostas	50	(³)	994	(³)	4,932	(³)
Other Potted Herbaceous Perennials	57	(³)	7,939	(³)	38,719	(³)
Flowering Plants, For Indoor Patio Use, Total					29,368	(³)
Lilies, Easter.....	28	(³)	254	(³)	1,348	(³)
Poinsettias.....	51	(³)	1,298	(³)	6,893	(³)
Foliage for Indoor or Patio Use, Total					(D)	(³)
Hanging Baskets, Foliage	16	(³)	107	(³)	643	(³)
Potted Foliage.....	(D)	(³)			(D)	(³)

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

¹ Equivalent wholesale value of all sales.

² Includes annual bedding plants and herbaceous perennials.

³ Survey not conducted in 2016.



Principal Vegetable Crops Area Planted and Harvested, Yield, Production, Price, and Value — New Jersey: 2016 ¹

Crop	Area planted	Area harvested	Yield per acre	Production	Price per cwt ²	Value of utilized production
	<i>acres</i>	<i>acres</i>	<i>cwt</i>	<i>1,000 cwt</i>	<i>dollars</i>	<i>1,000 dollars</i>
Asparagus	1,500	1,400	40	56	171.00	9,576
Cabbage ³	1,700	1,600	325	520	16.80	8,736
Collards ³	800	700	150	105	36.40	3,822
Cucumbers	3,200	3,100	215	667	25.20	16,787
Eggplant ³	800	800	240	192	35.90	6,893
Escarole & Endive ³	400	400	200	80	36.20	2,896
Herbs ^{3 4}	2,000	1,800	125	225	50.80	11,430
Kale ³	700	700	160	112	29.90	3,349
Lettuce, All ^{3 5}	1,500	1,400	180	252	33.00	8,316
Parsley ³	700	700	128	90	50.90	4,581
Peppers, Bell	2,400	2,300	275	633	31.60	19,972
Pumpkins	2,100	2,000	101	202	27.00	5,454
Snap Beans	2,800	2,600	34	88	37.10	3,262
Spinach	2,500	2,400	128	307	35.60	10,938
Squash, Summer ³	3,500	2,300	130	299	34.30	10,255
Squash, Winter ³	2,300	1,100	81	89	27.50	2,447
Sweet Corn	6,700	6,400	93	595	29.10	17,289
Tomatoes	3,000	2,900	273	791	58.60	46,354
Total	36,300	34,600	159	5,303	36.30	192,357

¹ 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

² Marketing year average price.

³ Not in the Federal Estimating Program, state estimate only.

⁴ Includes arugula, basil, chives, coriander, cress, fennel, sage, thyme, etc.

⁵ 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: 2012-2016

Year	Bearing acreage	Yield per acre ¹	Production		Price per pound ²	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>
2012.....	1,600	21,900	35.0	34.0	0.839	28,540
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

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

² Marketing year average price.

Apple Production, Price, and Value, by Utilization — New Jersey: 2012-2016

Year	Fresh			Processed		
	Quantity	Price per pound ¹	Value of production	Quantity	Price per ton ¹	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>
2012.....	24.0	1.150	27,600	10.0	188.00	940
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

¹ Marketing year average price.

**Blueberry Acreage, Yield, Production, Price, and Value — New Jersey: 2012-2016
(Cultivated Blueberries)**

Year	Area harvested	Yield per acre ¹	Production		Price per pound ²	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>
2012.....	8,800	5,850	54,000	51,500	1.570	80,805
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

¹ Yield is based on utilized production.

² Marketing year average price.

Blueberry Production, Price, and Value, by Utilization — New Jersey: 2012-2016

Year	Fresh			Processed		
	Quantity	Price per pound ¹	Value of production	Quantity	Price per pound ¹	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>
2012.....	43,000	1.640	70,520	8,500	1.210	10,285
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

¹ Marketing year average price.

Cranberry Acreage, Yield, Production, Price, and Value — New Jersey: 2012-2016

Year	Area harvested	Yield per acre ¹	Production		Price per barrel ²	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>
2012	3,000	183.3	550,000	550,000	54.40	29,920
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

¹ Yield is based on utilized production.

² Marketing year average price.

Peach Acreage, Yield, Production, Price, and Value — New Jersey: 2012-2016

Year	Bearing acreage	Yield per acre ¹	Production		Price per ton ²	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>
2012	4,900	6.12	30,000	30,000	1,320.00	39,600
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

¹ Yield is based on total production.

² 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: 2013-2017

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</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>dollars</i>	<i>1,000 dol.</i>
2013.....	7.0	9.0	4.0	2.0	1.0	1.0	2.0	5.0	31.0	1,120	34,720
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

Cattle and Calves Inventory, Supply, and Disposition — New Jersey: 2012-2016

Year	Beginning inventory January 1	Calf crop	Inshipments	Marketings ¹		Farm slaughter ²	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>
2012.....	31.0	10.0	1.8	5.1	5.2	0.3	0.5	0.7	31.0
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

- Represents zero.

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

² Excludes custom slaughter for farmers at commercial establishments.

All Cattle and Calves Production and Income — New Jersey: 2012-2016

Year	Production ¹	Marketings ²	Value of Production	Cash Receipts ³	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>
2012.....	6,750	6,733	8,734	8,503	1,762	10,265
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.....	6,049	6,162	7,403	7,539	969	8,508

¹ Adjustments made for changes in inventory and inshipments.

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

³ Receipts from marketings and sale of farm slaughter.



Cattle Number on Farms, January 1, by County — New Jersey: 2016-2017

County and District	All Cattle and Calves		Milk Cows	
	2016	2017	2016	2017
	<i>head</i>	<i>head</i>	<i>head</i>	<i>head</i>
North Counties				
Bergen.....	(¹)	(¹)	(¹)	(¹)
Essex.....	(D)	(D)	(¹)	(¹)
Hudson.....	(¹)	(¹)	(¹)	(¹)
Hunterdon.....	3,900	3,900	400	400
Morris.....	300	300	(¹)	(¹)
Passaic.....	(D)	(D)	(¹)	(¹)
Somerset.....	2,600	2,600	200	200
Sussex.....	4,300	4,300	1,400	1,300
Union.....	(¹)	(¹)	(¹)	(¹)
Warren.....	4,300	4,300	1,800	1,700
Central Counties				
Burlington.....	1,200	1,200	(D)	(D)
Mercer.....	500	500	(D)	(D)
Middlesex.....	100	100	(¹)	(¹)
Monmouth.....	700	700	(¹)	(¹)
Ocean.....	500	500	(D)	(D)
South Counties				
Atlantic.....	(D)	(D)	(¹)	(¹)
Camden.....	(D)	(D)	(¹)	(¹)
Cape May.....	(D)	(D)	(¹)	(¹)
Cumberland.....	700	700	(D)	(D)
Gloucester.....	2,100	2,100	600	500
Salem.....	6,600	6,600	1,700	1,600
All Other Counties.....	200	200	900	800
New Jersey Total.....	28,000	28,000	7,000	6,500

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

¹ Represents zero or is included in All Other Counties.

Cattle Commercial Slaughter, by Month — New Jersey: 2015-2016 ¹

Month	2015			2016		
	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.....	2.6	1,073	2,809	2.2	1,100	2,362
February.....	2.4	1,062	2,563	2.5	1,073	2,614
March.....	2.8	1,096	3,010	2.8	1,074	2,992
April.....	2.9	1,073	3,043	2.8	1,067	2,956
May.....	2.9	1,103	3,175	3.0	1,079	3,187
June.....	3.3	1,117	3,686	3.4	1,081	3,704
July.....	3.0	1,125	3,389	2.8	1,072	2,940
August.....	2.8	1,153	3,250	2.8	1,082	2,997
September.....	2.7	1,130	2,986	2.8	1,077	2,949
October.....	2.2	1,123	2,518	2.3	1,092	2,522
November.....	2.2	1,109	2,446	2.6	1,097	2,875
December.....	2.6	1,109	2,891	2.9	1,091	3,133
Total².....	32.5	1,107	35,766	32.7	1,082	35,233

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

² May not add due to rounding.

Hogs and Pigs Inventory by Class, December 1 — New Jersey: 2012-2016

Year	Breeding	Market	Weight Group				Sows farrowing ¹	Pigs per litter ¹	Pig crop ¹
			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>					
2012.....	0.7	7.3	2.1	2.0	1.1	2.1	1.0	7.00	7.0
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

¹ Marketing year.

Hogs and Pigs Inventory, Supply, and Disposition — New Jersey: 2012-2016

Year	Beginning inventory Dec. 1 preceding	Pig crop	Inshipments	Marketings ¹	Farm slaughter ²	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>
2012.....	9.0	7.0	17.6	25.1	0.1	0.4	8.0
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	15.2	0.3	0.6	11.0

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

² Excludes custom slaughter for farmers at commercial establishments.

Hogs and Pigs Production, Marketings, and Income — New Jersey: 2012-2016

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

Year	Production ¹	Marketings ²	Value of production ³	Cash receipts ^{3 4}	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>
2012.....	1,516	2,332	581	1,500	136	1,636
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.....	1,110	1,344	252	685	145	830

¹ Adjustments made for changes in inventory and for inshipments.

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

³ Includes allowance for higher average price of State inshipments and outshipments of feeder pigs.

⁴ Receipts from marketings and sale of farm slaughter.



Honey Number of Colonies, Yield, Production, Stocks, Price, and Value — New Jersey: 2012-2016
(Producers with 5 or more colonies.)

Year	Honey producing colonies ¹	Yield per colony	Production	Stocks on December 15 ²	Average price per pound ³	Value of production ⁴
	<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>
2012	14	33	462	51	197	910
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	669	2,168

¹ 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.

² Stocks held by producers.

³ Average price per pound based on expanded sales.

⁴ Value of production is equal to production multiplied by average price per pound.



Milk Cows and Production, by Quarter — New Jersey: 2015-2016

Quarter	Milk cows ¹		Milk per cow ²		Milk production ²	
	2015	2016	2015	2016	2015	2016
	<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.....	7.0	6.5	4,714	4,769	33.0	31.0
Apr - Jun.....	7.0	6.5	4,714	4,923	33.0	32.0
Jul - Sep.....	7.0	6.5	4,429	4,462	31.0	29.0
Oct - Dec	7.0	6.5	4,286	4,615	30.0	30.0
Annual Total	7.0	7.0	18,143	17,429	127.0	122.0

¹ Includes dry cows. Excludes heifers not yet fresh.

² Excludes milk sucked by calves.

Milk Production, Disposition, and Income — New Jersey: 2012-2016

Year	Milk Cows ¹	Milk per Cow	Total Milk Production	Disposition of Milk Produced			Prices Received ²	Gross Income ³	Value of Milk Produced ⁴
				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>
2012.....	7.0	18,571	130.0	1.5	0.5	128.0	18.90	24,287	24,570
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

¹ Average number on farms during the year.

² Prices received for all milk sold wholesale per cwt.

³ Includes value of milk used for home consumption.

⁴ Includes value of milk fed to calves.



Number of Farms, Land in Farms, and Average Farm Size — New Jersey and United States: 2012-2016
(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>
2012	9,100	720	79	2,109,810	914,600	433
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

Number of Farms and Land in Farms, by Sales Class — New Jersey: 2012-2016

Economic Sales Class	2012	2013	2014	2015	2016
	<i>farms</i>	<i>farms</i>	<i>farms</i>	<i>farms</i>	<i>farms</i>
Number of Farms					
\$1,000 - \$9,999	5,600	5,600	5,600	5,600	5,600
\$10,000 - \$99,999	(D)	(D)	2,350	2,350	2,350
\$100,000 - \$249,999	(D)	(D)	450	450	450
\$250,000 - \$499,999	(D)	(D)	270	270	270
\$500,000 and over	(D)	430	430	430	430
\$500,000 - \$999,999	(NA)	210	210	210	210
\$1,000,000 and over.....	(NA)	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>
Land in Farms					
\$1,000 - \$9,999	160,000	160,000	160,000	160,000	160,000
\$10,000 - \$99,999	(D)	(D)	160,000	160,000	160,000
\$100,000 - \$249,999	(D)	(D)	80,000	80,000	80,000
\$250,000 - \$499,999	(D)	(D)	90,000	90,000	90,000
\$500,000 and over	(D)	230,000	230,000	230,000	230,000
\$500,000 - \$999,999	(NA)	80,000	80,000	80,000	80,000
\$1,000,000 and over.....	(NA)	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.
(NA) Not available.



