

DELAWARE AGRICULTURAL STATISTICS

& RESOURCE DIRECTORY
2011-2012

2012 | CENSUS OF
AGRICULTURE

YOUR VOICE. YOUR FUTURE. YOUR RESPONSIBILITY.



Dear friends of Delaware agriculture,

This directory you hold in your hands highlights the wide reach and deep impact of Delaware's powerful agricultural economy. The 2011-2012 edition of the Delaware Agricultural Statistics and Resource Directory showcases both the challenges and causes for celebration in the First State.

As your Secretary of Agriculture, I have been privileged to serve in an administration and work with a General Assembly that strongly supports agriculture. Delaware remains one of the top poultry producing areas in the country, despite difficulties in the industry. Sussex County,

it should be noted, has been the national leader in poultry production since at least 1944. Perdue Farms, Mountaire Farms, Amick Farms and Harim Allen all are committed to growing our poultry production, and our farmers are leaders in environmental action. I was pleased to recognize the work of all aspects of the industry with Governor Jack Markell at the Delaware State Fair this summer.

We have other areas to celebrate as well. Delaware will soon have 10 new farms operating thanks to the Young Farmers Program, which provides loans to defray the cost of purchasing land. The participants included individuals, a married couple and several brothers, all with the goal of working the land and continuing a long Delaware tradition. I believe this program will be a national model to help young people enter agribusiness.

Delaware also is continuing its direct support to farmers and farmland preservation. The Delaware Rural Irrigation Program, which offers no-interest loans to farmers to install equipment, helped expand irrigation to more than 850 acres of farmland last year. DRIP is a partnership between the Department of Agriculture and the Delaware Economic Development Office, demonstrating how agencies can work together and with the private sector to strengthen economic opportunity for all.

We saw a historic milestone achieved this year with the permanent preservation of more than 100,000 acres of Delaware farmland, more than a fifth of all agricultural land in the state. The Delaware Agricultural Lands Preservation Foundation has been working quietly and steadily over the last two decades to preserve open space and help our environment, and deserves substantial recognition.

This report will provide the numbers behind those stories, showing the historic trends and patterns over the years, and show indications of how we will continue to grow in the future. The hundreds of farmers, agribusinesses, public agencies and Department of Agriculture staff members who provided, collected and organized this data deserve our great appreciation. Special thanks goes to Chris Cadwallader, State Agricultural Statistician, and the staff of the Delaware Agricultural Statistics Service, in partnership with the National Agricultural Statistics Service, for preparing this publication and providing an important service to Delaware's agricultural community.

Thank you for the work that you do to keep First State farmers strong.

Sincerely,

Ed Kee

Delaware Agricultural Statistics Summary 2011-2012

2012 Preliminary Estimates, 2011 and Earlier Years Revised

Issued Cooperatively By



Delaware Department of Agriculture

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Secretary of Agriculture
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FOREWORD

2012 CENSUS OF AGRICULTURE BEGINS FOR DELAWARE'S AGRICULTURAL PRODUCERS

Delaware's agricultural producers will soon have the opportunity to make a positive impact on their communities by taking part in the 2012 Census of Agriculture. Conducted every five years by the U.S. Department of Agriculture's (USDA) National Agricultural Statistics Service (NASS), the Ag Census is a complete count of all U.S. farms and those who operate them.

It is very important that all parties receiving a 2012 Census of Agriculture report form take the time to fill it out and return the form in the postage-free envelope provided. Census information is the agricultural community's voice and helps to shape the future for farm families who now account for approximately only 1 percent of the U.S. population.

The Ag Census remains the only source of uniform, comprehensive agricultural data for every county in the nation. It's a critical tool that gives farmers a voice to influence decisions that will shape the future of their community, industry and operation.

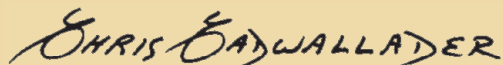
The Ag Census looks at land use and ownership, operator characteristics, production practices, income and expenditures and other topics. This information is used by all those who serve farmers and rural communities from federal, state and local governments to agribusinesses and trade associations. For example, legislators use the data when shaping farm policy and agribusinesses factor it into their planning efforts.

Your answers to the Ag Census impact farm programs and rural services that support your community. Please do your part and be counted when you receive your report form, because there's strength in numbers that only the Ag Census can reveal.

NASS will mail out Ag Census report forms in mid-December, to collect data for the 2012 calendar year. Completed report forms are due by February 4, 2013. Producers can fill out the Ag Census online via a secure website, www.agcensus.usda.gov, or return their form by mail. Federal law requires all agricultural producers to participate in the Ag Census and requires NASS to keep all individual information confidential.

For more information, visit www.agcensus.usda.gov.

THE 2012 CENSUS OF AGRICULTURE IS YOUR VOICE, YOUR FUTURE, YOUR RESPONSIBILITY.



Chris Cadwallader

Director, Delaware Agricultural Statistics Service

NASS Surveys: The Foundation of Estimates

The primary sources of information for NASS reports are those who know the most—farmers and ranchers, livestock feeders, slaughterhouse managers, grain elevator operators, and other agribusinesses—who also make extensive use of forecasts and estimates. Their cooperation is absolutely vital to a workable and meaningful estimating program. NASS relies on survey respondents to voluntarily supply data for most reports.

The success of this cooperative relationship can be attributed to respondents' recognition of the importance of the survey results and to the confidential treatment NASS accords all data on individual operations

The information for NASS surveys is gathered in a variety of ways: mail surveys, telephone interviews, electronic data reporting (EDR) face-to-face interviews, and field observations.

Probability Surveys

Most estimates are based on data collected from a sample of a given population. The samples are designed so that the chance, or probability, of including a particular operation in the sample is known before the survey is carried out. The sample data can be used to measure how much the survey estimates could differ from the population values. This measure of variability, due to selecting a sample rather than collecting data from each member of the population, as in a census, is called the sampling error.

The data from a probability-based sample can then be used to make precise inferences about the population. This survey technique has distinct advantages over a census: it takes less time, costs less, and can actually be more accurate because fewer errors are made in reporting and handling the smaller quantities of data. Also, the results of the survey stand alone; they do not depend on relationships to other sets of data, such as the Census of Agriculture.

NASS employs two basic techniques to sample farmers, ranchers, and agribusinesses: area frame sampling and list frame sampling.

Area Frame Samples

In area frame sampling, NASS relies on satellite imagery, aerial photos, and maps to divide the U.S. land area into small segments. An average segment might be about 1 square mile, and each has unique and identifiable boundaries outlined on aerial photographs or maps. An area frame sample is a random selection of these segments drawn onto aerial photos. Field investigators called enumerators visit the segments and record information about agricultural activity within the segment boundaries.

The area frame technique can be used to collect information about crops, operator

households, animals, grain storage facilities, environmental factors, and so on.

In most States, the segments in the area frame are classified for sampling purposes into four broad categories: land intensively cultivated for crops; land used primarily for livestock production; residential and business areas in cities and towns; and areas devoted to parks, military installations, and other uses. The area frame sample provides continuous coverage of all agricultural activity in the United States, regardless of changes in farm boundaries and management. This sampling technique guards against omission or duplication in the statistics.

List Frame Samples

NASS also uses list frame sampling for many of its survey programs. Samples are drawn from a list containing names, addresses, telephone numbers, and other descriptive data on producers and agribusinesses. Using these descriptive data, list samples can be targeted to the producers of the commodities of interest for a survey. List frame samples can be more efficient and precise than area frame samples if the list frame information is relatively accurate, especially for surveys on rare commodities. A survey using a list frame sample can cost less than an area frame survey since the data can be collected by mail or telephone. Area frame sampling requires face-to-face interviews, which are more costly.

NASS keeps the list frame as complete as possible, especially for the larger producers, by obtaining records for new or omitted operations from other USDA lists, producer association lists, and other source. Corn 10 2,090 84

Multiple Frame Samples

NASS often combines data from list frame and area frame samples to provide estimates for a survey program. Although NASS attempts to maintain a complete and up-to-date list frame, it is still incomplete. In a multiple frame survey, the area frame data are used to account for the incompleteness of the list frame. The operators identified in the area frame sample are name-matched against the list frame. Data are then collected from the area frame operators who are not found on the list frame. These area frame data are combined with the list frame sample data to provide multiple frame estimates for each survey item.

Annual Multiple Frame Survey Programs

Each June, NASS conducts an area frame survey, in which farmers located in area frame segments are visited by enumerators to get a firsthand accounting of their agricultural activities. This survey collects data on crop acreage, grain stocks, number of farms and land in farms, livestock inventories, pigs farrowed, calves born, farm labor, and other items for State, regional, and national

The area frame sample for June contains about 10,000 area segments—roughly 0.5 percent of the total land area in the 48 contiguous States—which translates into

interviews with roughly 39,000 farm operators. After locating each area frame operator, the enumerator explains the purpose and importance of the survey and asks a number of questions. The enumerator carefully records all of the operator's answers. Questionnaires are then sent to the local NASS field office, where they are checked for completeness and consistency. Data are combined from the list frame and area frame samples to provide multiple frame estimates for numerous survey items.

Surveys at other times of the year combine data from area frame operators who are not on the list frame with list frame sample data to provide survey estimates of crop acreage, crop production, and livestock inventories.

Quality controls have been built into the data collection process to ensure the accuracy of survey results. These safeguards include careful selection and training of enumerators, use of detailed instruction manuals, careful field supervision, questionnaire checks, comparison of reported acreages with those measured on the aerial photographs, and follow-up visits to some segments.

Objective Yield Surveys

During the growing season, crop conditions and yields are monitored in thousands of fields by enumerators who count the number of plants and, later in the season, count and measure ears, pods, bolls, and so on. The crop development data gathered through these objective yield surveys are used to forecast yields and/or project production for corn, wheat, cotton, soybeans, potatoes, burley tobacco, onions, and a variety of fruits and nuts.

With the farmer's permission, an enumerator walks a randomly chosen number of paces into a selected field and marks off a small sample plot—no matter what the condition of the crop at that location. This practice minimizes selection bias that could skew the final estimate.

At the designated field location, the enumerator counts the number of plants and measures the distance between rows to determine plant population per acre. Then the enumerator counts immature and mature fruit, such as cotton blooms and bolls; soybean branches, nodes, and pods; wheat heads and spikelets; or ears of corn; and records the crop's stage of development. With the data on plant population per acre and projected yield per plant, statisticians can forecast yield per acre at the State level. All objective yield surveys except potatoes require enumerators to repeat their visits to the sample plots several times during the growing season. When the crop reaches maturity, they harvest a portion of each plot by hand, and send samples to a laboratory for weight and moisture analysis. When the farmer harvests fields containing the plots, enumerators make their final visits to the sample plots to determine harvesting losses and estimate net yields.

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Delaware Agriculture: 2011 Highlights (Preliminary)

Number of Farms	2,500
Land in Farms	490,000 acres
Average Size of Farm	196 acres
Net Farm Income	\$197 million



2011 Cash Receipts From Farm Marketings Poultry, Livestock and Products

Commodity	Production	Unit	Cash Receipts
Broilers - 218 million birds produced	1,525,000,000	lbs.	\$710,464,000
Milk and Dairy Products - 5,000 cows milked	91,500,000	lbs.	\$20,001,000
Cattle & Calves (<i>live weight</i>)	5,459,000	lbs.	\$5,170,000
Hogs & Pigs (<i>live weight</i>)	2,884,000	lbs.	\$2,170,000
Eggs, Other Poultry, Livestock and Products			\$23,159,000
Total Poultry, Livestock & Products			\$760,964,000

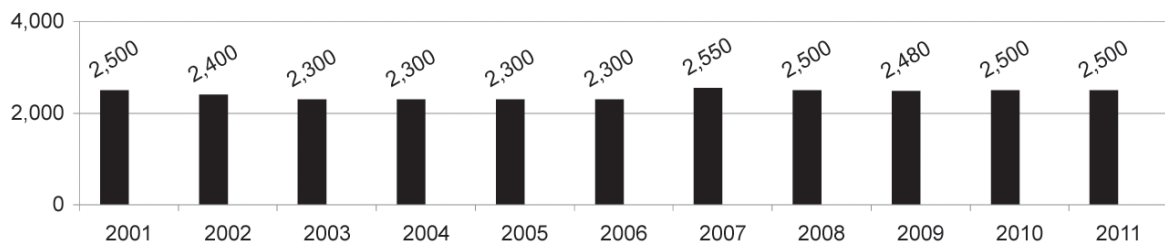
Crops

Commodity	Acres Harvested	Production	Unit	Cash Receipts
Corn for Grain <i>yield of 130 bu/acre</i>	182,000	23,660,000	bu.	\$117,098,000
Soybeans <i>yield of 39 bu/acre</i>	168,000	6,552,000	bu.	\$73,352,000
Wheat <i>yield of 69 bu/acre</i>	75,000	5,175,000	bu.	\$35,704,000
Barley <i>yield of 88 bu/acre</i>	32,000	2,816,000	bu.	\$6,877,000
Hay <i>yield of 2.53 tons per acre</i>	15,000	38,000	tons	\$2,242,000
Greenhouse & Nursery				\$18,077,000
Vegetables, Fresh Market	10,620	203,610,000	lbs.	\$33,100,000
Vegetables, Processing	26,400	78,330,000	lbs.	\$27,082,000
Other Crops				\$6,460,000
Total All Crops				\$319,992,000
Total All Commodities				\$1,080,956,000

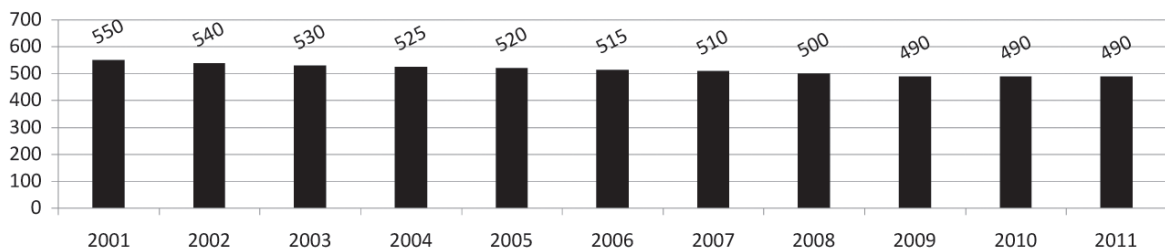
Number of Farms and Land in Farms, Delaware 1994 - 2011

Year	Number	Total Acres	Average Size of Farm (Acres)	Total Acres in Farms as Percent of State Land Area
1994	2,900	590,000	203	47
1995	2,800	590,000	211	47
1996	2,800	590,000	211	47
1997	2,800	585,000	209	47
1998	2,700	580,000	215	46
1999	2,600	570,000	223	46
2000	2,600	560,000	223	45
2001	2,500	550,000	228	44
2002	2,400	540,000	233	43
2003	2,300	530,000	230	42
2004	2,300	525,000	228	42
2005	2,300	520,000	226	42
2006	2,300	515,000	224	41
2007	2,550	510,000	200	41
2008	2,500	500,000	200	40
2009	2,480	490,000	198	39
2010	2,500	490,000	196	39
2011	2,500	490,000	196	39

Number of Farms, Delaware 2001 - 2011



Total Land in Farms, Delaware, 2001 - 2011 (thousands of acres)



WEATHER

2011 was a year of temperature and precipitation extremes. Seven out of the twelve months had rain statewide and the total precipitation at 47.7 inches was 2.86 inches above the average total precipitation of 44.84 inches. Heavy spring rains caused planting delays for some farmers. Conversely, dry spells during May and June significantly reduced corn yields. Between April and July temperatures averaged 5 degrees higher than the long-term average. In August, Hurricane Irene delivered 12.92 inches of rain in Delaware hindering field work but increasing the soybean yield. Irene caused stalk lodging in some corn fields.

SOYBEANS

Acres planted in 2011 at 170,000, was down 3 percent from the 175,000 acres planted in 2010. Acreage harvested decreased 5,000 from 173,000 in 2010 to 168,000. Yield per acre increased 22 percent from 32 bushels in 2010 to 39 bushels. Soybean production in 2011 at 6.6 million bushels was up 18 percent from 2010. The average price received at \$11.50 per bushel was down from \$12.20 in 2010. The 2011 crop is valued at \$75.3 million, up 12 percent from 2010.



CORN

Acres planted in 2011 at 190,000 was up 6 percent from the 180,000 acres in 2010. Acres harvested for grain increased 9,000 from 173,000 acres in 2010 to 182,000 acres. Yield per acre increased 15 bushels from 2010 to 130 bushels. Corn production in 2011, at 23.7 million bushels, was up 19 percent from 2010. The value of the corn crop increased 31 percent from 2010 to \$162.1 million. Price per bushel increased from \$6.21 in 2010 to \$6.85 per bushel.

WHEAT

There were 75,000 acres of wheat harvested from the 80,000 acres planted in 2011, up 30,000 acres from 2010. Yield per acre at 69 bushels, was up 11 bushels per acre from 2010. Wheat production in 2011 at 5.2 million bushels almost doubled from 2010. The value of the wheat crop more than doubled from the 2010 value of \$13.6 million to \$31.3 million. Price per bushel increased from \$5.22 in 2010 to \$6.05 per bushel.

BARLEY

Acres planted at 35,000 was up 75 percent from the 20,000 acres in 2010. Acreage harvested increased by 14,000 from 18,000 acres in 2010 to 32,000 acres. Yield per acre increased 24 bushels from 2010 to 88 bushels. Barley production in 2011 at 2.8 million bushels was up 44 percent from 2010. Value of the Barley crop increased from \$2.5 million in 2010 to \$11.1 million. Price per bushel increased from \$2.21 in 2010 to \$3.95 per bushel.

HAY

Acreage harvested was unchanged from 2010 at 15,000 acres. The 2011 yield decreased 17 percent from 3.07 tons per acre in 2010 to 2.53 tons per acre. Hay production in 2011 at 38,000 tons was down 17 percent from 2010. The average price received per ton in 2011 at \$251.00 was up 42 percent from 2010. The value of the hay crop increased 17 percent from 2010 to \$9.6 million.

VEGETABLES

Delaware farmers experienced moderate weather conditions for the 2011 vegetable planting season. Vegetable yields were down slightly in 2011, while prices were higher for most all commodities. The value of all Delaware vegetable production (fresh and processed) in 2011 was virtually unchanged from 2010 at \$52.4 million.

Fresh market vegetable producers harvested 10,620 acres of fresh market crops valued at \$35.7 million in 2011. These numbers compare to 10,710 acres and \$33.2 million in 2010. Production amounted to 2,036.1 thousand hundredweight, slightly lower than the 2,057.5 thousand hundredweight produced in 2010. Harvested acreage in 2011 for processing vegetables totaled 26,400 acres, compared with 30,800 acres in 2010. Harvested acres decreased for lima beans and sweet corn. Total processing vegetable production at 78.3 thousand tons, was down 12 percent from 88.5 thousand tons produced in 2010. The 2011 value of production at \$16.7 million was down 13 percent from \$19.1 million in 2010.

Field Crops: Acreage, Yield, Production and Value, Delaware 2007 - 2011

Crop	Year	Acreage		Unit	Production		Season Avg. Price	Value of Production
		Planted	Harvested		Per Acre	Total		
		Thousand Acres				Thousand	Dollars per Unit	Thousand Dollars
Soybeans	2007	160	155	Bushel	26.0	4,030	11.50	46,345
	2008	195	193	Bushel	27.5	5,308	9.40	49,895
	2009	185	183	Bushel	42.0	7,686	9.60	73,786
	2010 ¹	175	173	Bushel	32.0	5,536	12.20	67,539
	2011	170	168	Bushel	39.0	6,552	11.50	75,348
Corn, All	2007	195	192	—	—	—	—	—
	2008	160	158	—	—	—	—	—
	2009	170	168	—	—	—	—	—
	2010 ¹	180	178	—	—	—	—	—
	2011	190	188	—	—	—	—	—
Corn, for Grain	2007	—	185	Bushel	99	18,315	4.76	87,179
	2008	—	152	Bushel	125	19,000	4.57	86,830
	2009	—	163	Bushel	145	23,635	3.80	89,813
	2010 ¹	—	173	Bushel	115	19,895	6.21	123,548
	2011	—	182	Bushel	130	23,660	6.85	162,071
Corn, for Silage	2007	—	7	Ton	10	70	—	—
	2008	—	6	Ton	13	78	—	—
	2009	—	5	Ton	15	75	—	—
	2010 ¹	—	5	Ton	14	70	—	—
	2011	—	6	Ton	14	84	—	—
Wheat, Winter	2007	57	55	Bushel	68	3,740	5.56	20,794
	2008	80	79	Bushel	77	6,083	5.96	36,255
	2009	70	67	Bushel	62	4,154	3.45	14,331
	2010 ¹	50	45	Bushel	58	2,610	6.22	13,624
	2011	80	75	Bushel	69	5,175	6.05	31,309
Barley	2007	21	19	Bushel	78	1,482	2.49	3,690
	2008	25	22	Bushel	80	1,760	4.18	7,357
	2009	28	26	Bushel	70	1,820	2.15	3,913
	2010 ¹	20	18	Bushel	64	1,152	2.21	2,546
	2011	35	32	Bushel	88	2,816	3.95	11,123
Hay, All	2007	—	15	Ton	2.07	31	214.00	6,642
	2008	—	18	Ton	2.56	46	165.00	7,600
	2009	—	17	Ton	3.00	51	145.00	7,413
	2010 ¹	—	15	Ton	3.07	46	177.00	8,148
	2011	—	15	Ton	2.53	38	251.00	9,555
Hay Alfalfa	2007	—	5	Ton	2.6	13	216.00	2,808
	2008	—	6	Ton	3.3	20	172.00	3,440
	2009	—	5	Ton	3.9	20	149.00	2,980
	2010 ¹	—	5	Ton	3.4	17	191.00	3,247
	2011	—	5	Ton	3.0	15	269.00	4,035
Hay, All Other	2007	—	10	Ton	1.8	18	213.00	3,834
	2008	—	12	Ton	2.2	26	160.00	4,160
	2009	—	12	Ton	2.6	31	143.00	4,433
	2010 ¹	—	10	Ton	2.9	29	169.00	4,901
	2011	—	10	Ton	2.3	23	240.00	5,520

¹ Revised

Field Crops: Acreage, Yield, Production and Value, United States 2007 - 2011

Crop	Year	Acreage		Unit	Production		Season Avg. Price	Value of Production
		Planted	Harvested		Per Acre	Total	Dollars per Unit	Thousand Dollars
		Thousand Acres				Thousand		
Soybeans	2007	64,741	64,146	Bu.	41.7	2,677,117	10.10	26,974,406
	2008	75,718	74,681	Bu.	39.7	2,967,007	9.97	29,458,225
	2009	77,451	76,372	Bu.	44.0	3,359,011	9.59	32,145,207
	2010 ¹	77,404	76,610	Bu.	43.5	3,329,181	11.30	37,546,840
	2011	74,976	73,636	Bu.	41.5	3,056,032	11.70	35,784,360
Corn, All	2007	93,527	92,580	—	—	—	—	—
	2008	85,982	84,835	—	—	—	—	—
	2009	86,382	85,095	—	—	—	—	—
	2010 ¹	88,192	87,013	—	—	—	—	—
	2011	91,921	89,909	—	—	—	—	—
Corn, for Grain	2007	—	86,520	Bu.	150.7	13,027,875	4.20	54,666,959
	2008	—	78,570	Bu.	153.9	12,091,648	4.06	49,312,615
	2009	—	79,490	Bu.	164.7	13,091,862	3.55	46,734,066
	2010 ¹	—	81,446	Bu.	152.8	12,446,865	5.18	64,643,295
	2011	—	83,981	Bu.	147.2	12,358,412	6.20	76,464,126
Wheat, Winter	2007	45,012	35,938	Bu.	41.7	1,499,241	6.13	9,077,574
	2008	46,307	39,608	Bu.	47.1	1,867,333	6.57	11,936,139
	2009	43,346	34,510	Bu.	44.2	1,524,608	3.71	7,081,778
	2010 ¹	37,335	31,741	Bu.	46.8	1,484,861	5.37	8,009,479
	2011	40,646	32,314	Bu.	46.2	1,493,677	6.85	10,185,116
Barley	2007	4,018	3,502	Bu.	60.0	210,110	4.02	834,954
	2008	4,246	3,779	Bu.	63.6	240,193	5.37	1,259,357
	2009	3,567	3,113	Bu.	73.0	227,323	4.66	972,173
	2010 ¹	2,872	2,465	Bu.	73.1	180,268	3.86	691,666
	2011	2,559	2,239	Bu.	69.6	155,780	5.40	822,151
Hay, All	2007	—	61,006	Ton	2.41	146,901	128.00	16,842,233
	2008	—	60,152	Ton	2.43	146,270	152.00	18,638,748
	2009	—	59,755	Ton	2.47	147,700	108.00	14,715,559
	2010 ¹	—	59,872	Ton	2.43	145,624	114.00	14,656,191
	2011	—	55,633	Ton	2.36	131,144	175.00	17,746,495
Hay Alfalfa	2007	—	21,126	Ton	3.31	69,880	138.00	8,855,044
	2008	—	21,060	Ton	3.33	70,180	165.00	10,747,161
	2009	—	21,247	Ton	3.35	71,072	113.00	7,941,539
	2010 ¹	—	19,966	Ton	3.40	67,971	123.00	7,728,468
	2011	—	19,213	Ton	3.40	65,332	196.00	10,644,240
Hay, All Other	2007	—	39,880	Ton	1.93	77,021	110.00	7,987,189
	2008	—	39,092	Ton	1.95	76,090	118.00	7,891,587
	2009	—	38,528	Ton	1.99	76,628	97.30	6,774,020
	2010 ¹	—	39,906	Ton	1.95	77,653	97.00	6,927,723
	2011	—	36,420	Ton	1.81	65,812	125.00	7,102,255

¹ Revised

The Delmarva Peninsula and Surrounding Areas *a reference map*



The Delmarva Peninsula is comprised of the following counties:

Delaware-New Castle, Kent and Sussex

Maryland-Cecil, Kent, Queen Anne's, Talbot, Caroline, Dorchester, Wicomico, Sommerset and Worcester.

Virginia-Accomack and Northampton

Mean Elevation: The Mean Elevation of the state of Delaware is 60 feet above sea level.

Major Rivers: Delaware River, Mispillion River, Nanticoke River.

The Land

Delaware shares the Delmarva Peninsula with parts of Maryland and Virginia. Delaware's small size doesn't leave much room for major or varied land forms and most of the state lies on a low, flat coastal plain. In general, Delaware slopes down from a piedmont plateau in the north to a near sea level coastal plain in the east and south. Delaware is situated such that it is part of two major land regions; the Atlantic Coastal Plain and the Piedmont.

Atlantic Coastal Plain: The Atlantic Plain runs over 2,200 miles from Cape Cod along the eastern seaboard of the United States and around the Gulf of Mexico to the Mexico border. Except for a small area in the north, most of Delaware's land area is part of the Atlantic Coastal Plain. This land is flat and not very high. It rarely reaches more than 80 feet above sea level. The southern boundary of Delaware is swampland; 30,000 acres of swamp!

Piedmont: The Piedmont stretches from New Jersey south to Alabama. Crossing the northern edge of Delaware, the Piedmont is about 10 miles wide at its widest point within the state. The Piedmont is marked by rolling hills. The highest point in Delaware, located near Ebright Road, is located in the Piedmont region.

Soybeans: Acreage, Average Yield and Production, Delmarva, 2010 - 2011

State and County	2010				2011			
	Acres		Yield per Acre	Production	Acres		Yield per Acre	Production
	Planted	Harvested	Bushels		Planted	Harvested	Bushels	
Delaware								
New Castle	26,000	25,700	32.0	823,000	24,000	23,500	40.4	950,000
Kent	63,000	62,400	36.1	2,251,000	64,000	63,500	40.6	2,580,000
Sussex	86,000	84,900	29.0	2,462,000	82,000	81,000	37.3	3,022,000
Maryland								
Caroline	50,000	49,800	33.5	1,670,000	47,500	47,300	39.2	1,855,000
Cecil	20,000	20,000	36.7	734,000	19,500	19,400	42.5	825,000
Kent	39,500	39,500	40.3	1,590,000	43,500	43,400	39.4	1,710,000
Queen Anne's	51,500	51,400	40.1	2,060,000	51,000	50,800	40.4	2,050,000
Talbot	39,000	38,800	32.1	1,246,000	39,500	39,100	40.4	1,580,000
Dorchester	44,400	44,300	33.2	1,470,000	45,000	44,700	32.7	1,462,000
Somerset	17,000	16,900	34.9	590,000	17,500	17,400	42.9	746,000
Wicomico	22,300	21,900	25.6	560,000	23,000	22,800	32.0	730,000
Worcester	35,300	35,100	33.6	1,180,000	34,500	34,300	41.2	1,412,000
Virginia								
Accomack	38,000	36,600	34.9	1,278,000	37,000	36,000	33.6	1,210,000
Northampton	23,000	22,700	27.0	613,000	21,600	21,500	26.7	574,000
DELMARVA	555,000	550,000	33.7	18,527,000	549,600	544,700	38.0	20,706,000



Corn for Grain: Acreage, Average Yield and Production, Delmarva, 2010 - 2011

State and County	2010				2011			
	Acres		Yield per Acre	Production	Acres		Yield per Acre	Production
	Planted	Harvested	Bushels	Planted	Harvested	Bushels		
Delaware								
New Castle	23,000	22,500	113.1	2,545,000	23,000	22,000	120.9	2,660,000
Kent	56,000	53,600	121.5	6,510,000	56,000	54,000	128.7	6,950,000
Sussex	101,000	96,900	111.9	10,840,000	111,000	106,000	132.5	14,050,000
Maryland								
Caroline	36,000	30,500	126.3	3,853,000	38,000	34,000	127.8	4,345,000
Cecil	22,000	20,600	127.5	2,627,000	25,000	21,000	125.9	2,643,000
Kent	50,000	46,400	107.8	5,000,000	46,000	41,000	85.1	3,490,000
Queen Anne's	55,000	48,000	128.3	6,160,000	55,000	52,000	101.2	5,260,000
Talbot	32,000	30,500	110.2	3,360,000	33,000	31,000	106.1	3,290,000
Dorchester	28,500	26,000	126.2	3,280,000	27,000	25,000	132.3	3,308,000
Somerset	18,000	16,500	90.9	1,500,000	16,000	15,000	111.7	1,675,000
Wicomico	26,500	25,000	73.0	1,825,000	27,000	25,600	79.1	2,025,000
Worchester	36,000	33,500	89.3	2,990,000	36,000	34,000	129.4	4,400,000
Virginia								
Accomack	25,000	21,000	66.3	1,392,000	24,800	21,600	130.2	2,812,000
Northampton	8,700	8,000	70.4	563,000	9,200	7,900	119.4	943,000
DELMARVA	517,700	479,000	109.5	52,445,000	527,000	490,100	118.0	57,851,000



Wheat: Acreage, Average Yield and Production, Delmarva, 2001 - 2011

Year	Acres		Yield Per Acre	Production
	Planted	Harvested	Bushels	
2001	212,500	199,800	61.8	12,398,200
2002	206,100	191,700	67.9	13,017,400
2003	185,100	169,500	38.7	6,561,300
2004	182,800	170,800	58.8	10,042,390
2005	177,300	167,800	67.6	11,350,200
2006	209,700	138,800	68.7	9,529,300
2007	235,000	193,900	66.5	12,901,000
2008	292,000	242,000	75.0	18,155,000
2009	255,500	229,400	61.0	14,011,700
2010	138,200	102,900	59.5	6,125,000
2011	212,400	160,300	68.9	11,045,000

Barley: Acreage, Average Yield and Production, Delmarva, 2001 - 2011

Year	Acres		Yield Per Acre	Production
	Planted	Harvested	Bushels	
2001	63,000	58,100	77.3	4,465,800
2002	54,400	48,600	81.3	4,039,100
2003	55,400	47,100	57.2	2,695,800
2004	57,500	52,800	79.0	4,172,100
2005	60,400	55,400	84.3	4,672,000
2006	59,600	46,300	84.0	3,888,400
2007	44,200	35,700	79.9	2,852,000
2008	48,500	41,000	85.3	3,498,000
2009	61,400	55,800	71.4	3,986,100
2010	42,500	34,800	65.0	2,263,000
2011	52,100	45,550	88.2	4,018,000

Soybeans: Acreage, Yield and Production by Counties, Delaware, 2007-2011

County	Year	Acres		Average Yield Per Acre	Production
		Planted	Harvested	Bushels	
New Castle	2007	25,000	24,600	32.1	790,000
	2008 ¹	—	—	—	—
	2009	28,000	27,500	44.5	1,230,000
	2010	26,000	25,700	32.0	823,000
	2011	24,000	23,500	40.4	950,000
Kent	2007	60,000	57,200	23.6	1,350,000
	2008 ¹	—	—	—	—
	2009	67,000	66,500	45.0	2,996,000
	2010	63,000	62,400	36.1	2,251,000
	2011	64,000	63,500	40.6	2,580,000
Sussex	2007	75,000	73,200	25.8	1,890,000
	2008	98,000	97,000	26.5	2,590,000
	2009	90,000	89,000	39.0	3,460,000
	2010	86,000	84,900	29.0	2,462,000
	2011	82,000	81,000	37.3	3,022,000

¹ Not Available

Corn: Acreage, Yield and Production by Counties, Delaware, 2007-2011

County	Year	Acres		Average Yield Per Acre	Production
		Planted	Harvested	Bushels	
New Castle	2007	23,500	22,800	122.8	2,800,000
	2008	18,000	17,000	101.0	1,720,000
	2009	20,000	19,200	140.0	2,685,000
	2010	23,000	22,500	113.1	2,545,000
	2011	23,000	22,000	120.9	2,660,000
Kent	2007	59,500	57,200	94.2	5,390,000
	2008	50,000	47,500	111.0	5,250,000
	2009	53,000	50,400	153.0	7,700,000
	2010	56,000	53,600	121.5	6,510,000
	2011	56,000	54,000	128.7	6,950,000
Sussex	2007	112,000	105,000	96.4	10,125,000
	2008	92,000	87,500	137.0	12,030,000
	2009	97,000	93,400	142.0	13,250,000
	2010	101,000	96,900	111.9	10,840,000
	2011	111,000	106,000	132.5	14,050,000

Wheat: Acreage, Yield and Production by Counties, Delaware, 2007-2011

County	Year	Acres		Average Yield Per Acre	Production
		Planted	Harvested	Bushels	
New Castle	2007	8,700	8,700	72.2	592,000
	2008	11,000	10,800	81.5	878,000
	2009	11,000	10,500	68.0	714,000
	2010 ¹				
	2011 ¹				
Kent	2007	23,000	22,800	69.1	1,575,000
	2008	29,000	28,700	79.0	2,265,000
	2009	26,000	25,000	61.5	1,540,000
	2010 ¹				
	2011 ¹				
Sussex	2007	25,300	24,000	65.5	1,573,000
	2008	40,000	39,500	74.5	2,940,000
	2009	33,000	31,500	60.5	1,900,000
	2010 ¹				
	2011 ¹				

¹ Estimate discontinued in 2010.



Record Highs and Lows: Acreage, Yield and Production through 2011 for Delaware Crops

Crops	Unit	Record High		Record Low	
		Quantity	Year	Quantity	Year
Corn, All					
Acres planted	Thousand acres	225	1966	131	1962
Corn for Grain					
Acres planted	Thousand acres	—	—	—	—
Acres harvested	Thousand acres	211	1967	123	1962
Yield	Bushels	162	2000	22	1919
Production	Thousand Bushels	25,272	2000	3,192	1924
Corn for Silage					
Acres planted	Thousand acres	—	—	—	—
Acres harvested	Thousand acres	14	1977,87	1	1923
Yield	Tons	22	2000	5.2	1919
Production	Thousand Tons	176	2000	6.5	1923
Soybeans					
Acres planted	Thousand acres	280	1979	14	1926
Acres harvested	Thousand acres	275	1979	8	1926
Yield	Bushels	43	2000	6	1930
Production	Thousand Bushels	9,159	2000	90	1930
Wheat					
Acres planted	Thousand acres	132	1918	21	1962,65, 66
Acres harvested	Thousand acres	126	1919	17	1978
Yield	Bushels	77	2008	9	1872
Production	Thousand Bushels	6083	2008	542	1962
Barley					
Acres planted	Thousand acres	63	1985	1	1934-37
Acres harvested	Thousand acres	57	1985	1	1934-37
Yield	Bushels	89	1997	26	1943
Production	Thousand Bushels	3,306	1985	28	1936
Hay, All					
Acres planted	Thousand acres	—	—	—	—
Acres harvested	Thousand acres	85	1943	15	1994, 99, 2010, 2011
Yield	Tons	4.27	1996	.84	1911
Production	Thousand Tons	114	1945	29	2007
Alfalfa					
Acres planted	Thousand acres	—	—	—	—
Acres harvested	Thousand acres	9	1987, 88	2	1919, 20
Yield	Tons	5.2	1994	1.9	1936, 54
Production	Thousand Tons	37	1989	5	1919, 20
Potatoes					
Acres planted	Thousand acres	10	1965	1.6	2010, 2011
Acres harvested	Thousand acres	9.8	1959, 60	1.6	2009
Yield	Cwt.	300	2009	26	1876
Production	Thousand cwt.	2,250	1961	103	1872



AVAILABILITY CHART



	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV
APPLES								
ASPARAGUS								
BLUEBERRIES								
BROCCOLI								
BRUSSEL SPROUTS								
BLACK EYED PEAS								
CABBAGE								
CANTALOUPE								
CARROTS								
CAULIFLOWER								
CELERY								
CHESTNUTS								
COLLARD GREENS								
CUCUMBERS								
EGGPLANT								
GREEN ONIONS								
HERBS								
KALE								
LEAF LETTUCE								
LIMA BEANS								
MUSHROOMS								
NECTARINES								
OKRA								
ONIONS								
PARSLEY								
PEACHES								
PEARS								
PEAS								
PEPPERS								
PLUMS								
POTATOES								
PUMPKINS								
RADISHES								
RASPBERRIES								
SNAP BEANS								
SNOW PEAS								
SPINACH								
SQUASH								
STRAWBERRIES								
SUGAR PEAS								
SWEET CHERRIES								
SWEET CORN								
SWEET POTATOES								
TOMATOES								
TURNIP GREENS								
TURNIPS								
WATERMELON								

Vegetables for Fresh Market, Delaware, 2009-2011

Crop	Year	Acres		Production		Season	Value of
		Planted	Harvested	Per Acre	Total	Average Price	Production
				Cwt. ¹	Thous. Cwt. ¹	\$/Cwt. ¹	Thous. Dollars
Beans, Snap	2009	690	620	30	18.6	33.00	614
	2010	970	890	33	29.4	34.00	999
	2011	950	880	31	27.3	35.00	955
Cabbage	2009	540	540	118	63.7	12.00	765
	2010	490	390	120	46.8	14.00	655
	2011	450	400	122	48.8	15.00	732
Cantaloupes	2009 ³	250	230	100	23.0	29.00	667
	2010	300	270	100	27.0	32.00	864
	2011	270	240	98	23.5	33.00	776
Cucumbers	2009	120	100	84	8.4	27.00	227
	2010	170	170	85	14.5	29.00	419
	2011	150	150	80	12.0	30.00	360
Potatoes	2009	1,700	1,600	300	480.0	9.10	4,368
	2010	1,600	1,600	275	440.0	9.90	4,356
	2011	1,600	1,600	250	400.0	10.40	4,160
Pumpkins	2009 ³	650	590	146	86.1	23.00	1,981
	2010	800	720	144	103.7	21.00	2,177
	2011	700	630	142	89.5	24.00	2,147
Strawberries	2009	100	100	33	3.3	117.00	386
	2010	100	100	35	3.5	119.00	417
	2011	90	80	31	2.5	120.00	298
Sweet Corn	2009	3,500	3,500	120	420.0	27.00	11,340
	2010	3,300	3,100	110	341.0	27.00	9,207
	2011	3,300	3,100	108	335.0	29.00	9,715
Tomatoes	2009 ³	230	200	131	26.2	53.00	1,389
	2010	300	270	130	35.1	55.00	1,931
	2011	270	240	129	31.0	58.00	1,796
Watermelons	2009	2,500	2,500	375	938	11.00	10,318
	2010 ³	2,700	2,700	370	999	11.00	10,989
	2011	2,800	2,800	375	1,050	13.00	13,650
<i>Seedless</i>	2009	2,000	2,000	380	760.0	11.00	8,360
	2010	2,100	2,100	364	764.0	11.00	8,408
	2011	2,200	2,200	368	810.0	13.00	10,530
Other Vegetables	2009	640	590	—	21.2	—	1,423
	2010	670	500	—	17.5	—	1,190
	2011 ²	600	500	—	16.5	—	1,139
Total	2009	10,720	10,470	—	2,058.50	—	33,205
	2010	11,400	10,710	—	2,057.50	—	33,204
	2011	11,180	10,620	—	2,036.10	—	35,728

¹ Cwt. = hundredweight or 100 pound unit

² Other vegetables include: beets, lima beans, broccoli, cauliflower, collards, eggplant, green peas, herbs, hot and sweet peppers, kale, lettuce, sweet potatoes, spinach and squash. Combined to avoid disclosure of individual operations.

³ Revised

Vegetables for Processing, Delaware, 2002-2011

Crop	Year	Acres		Production		Season	Value of
		Planted	Harvested	Per Acre	Total	Average	Production
				Tons		\$/ton	Thous. Dollars
Green Lima Beans	2002	17,000	17,000	0.91	15,470	365.00	5,647
	2003	14,300	14,300	0.90	12,870	355.00	4,569
	2004	15,600	15,600	1.02	15,912	350.00	5,569
	2005	14,700	14,700	0.96	14,112	340.00	4,798
	2006	14,000	14,000	0.79	11,060	360.00	3,982
	2007	13,000	13,000	0.84	10,920	400.00	4,368
	2008	13,000	13,000	0.82	10,660	420.00	4,477
	2009	11,000	11,000	0.85	9,350	393.00	3,675
	2010	13,000	13,000	1.04	13,520	400.00	5,408
	2011	11,500	11,500	1.15	13,230	410.00	5,424
Sweet Corn	2002	7,900	7,900	6.00	47,400	99.00	4,693
	2003	9,400	9,400	6.00	56,400	98.00	5,527
	2004	7,300	7,300	6.72	49,056	78.00	3,826
	2005	7,300	7,300	6.72	49,056	78.00	3,826
	2006	4,700	4,600	5.30	24,380	62.00	1,512
	2007	5,600	5,600	7.40	41,440	73.00	3,025
	2008	6,300	6,000	7.18	43,080	76.00	3,274
	2009	8,300	8,200	7.43	60,926	74.00	4,509
	2010	6,700	6,700	6.25	41,880	88.00	3,685
	2011 ³	5,100	5,100	7.82	39,900	110.00	4,389
Green Peas 1	2002	5,900	5,900	1.90	11,210	361.00	4,047
	2003	5,900	5,900	1.80	10,620	355.00	3,770
	2004	6,000	6,000	1.50	9,000	350.00	3,150
	2005	6,000	6,000	1.50	9,000	350.00	3,150
	2006	5,800	5,400	2.05	11,070	255.00	2,823
	2007	5,500	5,400	1.90	10,260	275.00	2,822
	2008	5,600	5,600	1.80	10,080	286.00	2,883
	2009	5,500	5,500	1.82	10,030	280.00	2,808
	2010 ³	3,900	3,900	1.80	7,020	280.00	1,966
	2011	4,100	4,100	2.00	8,200	320.00	2,624
Other Vegetables 2	2005	9,800	9,800	—	38,100	—	7,116
	2006	8,900	8,900	—	37,167	—	7,912
	2007	8,500	8,500	—	35,170	—	8,325
	2008	7,000	7,000	—	32,418	—	7,877
	2009	6,700	6,700	—	28,900	—	8,641
	2010	7,200	7,200	—	26,100	—	8,065
Total Vegetables for Processing	2005	37,800	37,800	—	110,268	—	18,890
	2006	33,400	32,900	—	83,677	—	16,229
	2007	32,600	32,500	—	97,790	—	18,540
	2008	31,900	31,600	—	96,238	—	18,511
	2009	31,500	31,400	—	109,206	—	19,633
	2010 ³	30,800	30,800	—	88,520	—	19,124
	2011	26,700	26,400	—	78,330	—	16,712

¹ Shelled basis

² Other vegetables include: blackeyed peas, cabbage, cucumbers, hot and sweet peppers, snap beans, spinach squash and tomatoes. Combined to avoid disclosure of individual operations.

³ Revised

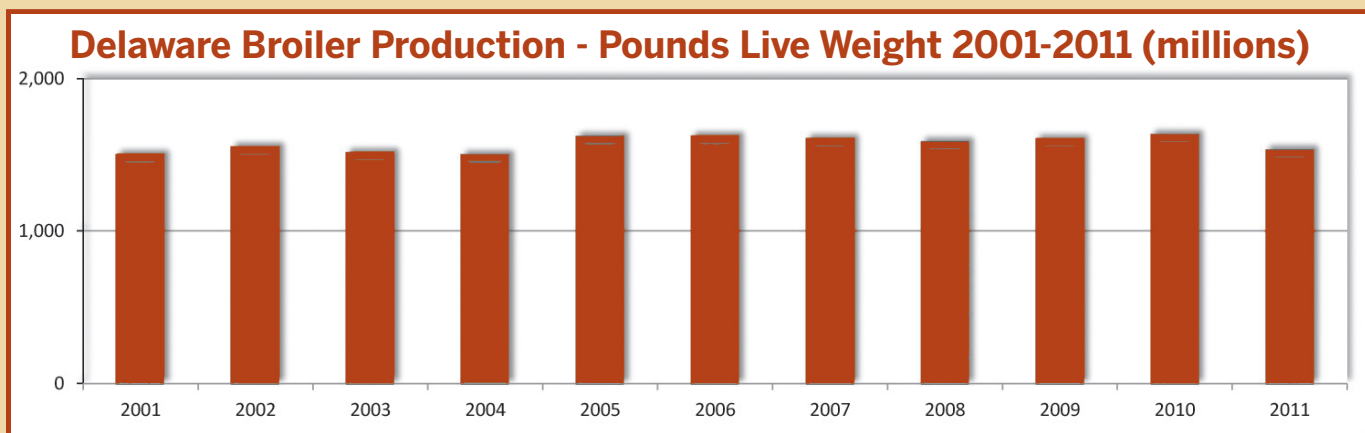
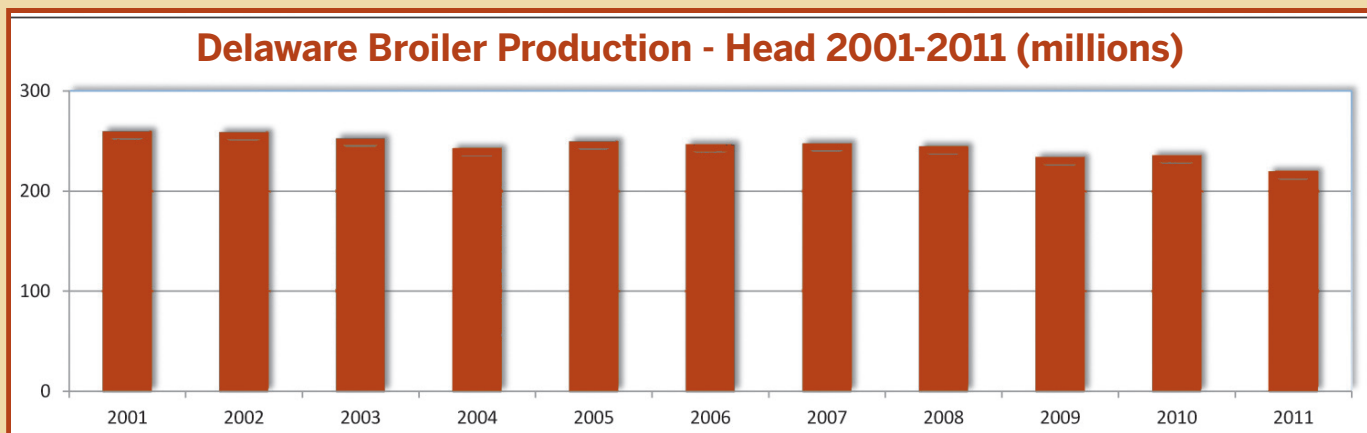
Poultry

Delaware growers produced 218 million broiler/roaster chickens in 2011. Pounds live weight in 2011 totaled 1.53 billion pounds. The average live weight per bird was at a record high 7.0 pounds in 2011. Total value of birds raised was \$711 million, and the live weight price per pound was at 47 cents. Sussex County is the number one broiler producing county in the U.S. The 2011 U.S. production of birds was as 8.61 billion, down 1 percent from the 2010 production of 8.63 billion birds. Total live weight was up 1 percent to 49.70 billion pounds, while value of production decreased 2 percent, to \$23.20 billion.

Broiler/Roaster Production and Value, Delaware, 2007 - 2011

Year	Number Broiler/Roasters	Avg. Liveweight per Bird	Production	Avg. Value per Pound	Total Value
	Million Birds	Pounds	Million pounds	Cents	Million dollars
2007	246	6.5	1,598	46.0	735
2008	243	6.5	1,579	46.0	726
2009	232	6.9	1,597	46.0	735
2010 ¹	234	6.9	1,625	48.0	780
2011	218	7.0	1,525	47.0	710

¹ Revised



Dairy and Livestock

The number of milk cows decreased from 5,300 head in 2010 to 5,000 in 2011, while production per cow increased 1,319 pounds to a record 18,300. Total milk production increased to 92 million pounds, up 2 percent from last year. Cash receipts increased 22 percent from 2010 to \$20 million. Dairy men received an average of \$22.10 per hundredweight of milk, up \$3.70 from 2010.

The January 1, 2012, inventory of all cattle and calves in Delaware was up 1,000 from a year earlier to 19,000 head. Delaware beef production in 2011 was 5.5 million pounds, up 18 percent from 2010. In 2011 cash receipts, were at \$6.0 million virtually unchanged from 2010. Value of production increased 29% in 2011 to 5,472 million.

Hog and pig inventory as of December 1, 2011, decreased 500 from 2010 to 5,000 head. Pork production was 2.9 million pounds in 2011, down 65 percent from 2010, cash receipts were at \$2.2 million, down 20 percent from 2010.

Milk Cows and Milk Production, Delaware, 2007 - 2011

Year	Milk Cows on Farms	Milk per Milk Cow	Milkfat per Milk Cow	Percentage of Fat In All Milk Produced	Total Milk
	Thousand	Pounds		Percent	Million Pounds
2007	6.8	16,618	617	3.71	113
2008	6.5	16,923	633	3.74	110
2009	6.0	17,000	634	3.73	102
2010	5.3	16,981	654	3.85	90
2011	5.0	18,300	699	3.82	92

Milk and Milkfat: Marketings and Income, Delaware, 2007 - 2011

Year	Milk Utilized (million lbs.)	Average Returns		Cash Receipts from Marketings (1,000 dollars)
		Per Cwt. Milk (dollars)	Per Lb. Milkfat (dollars)	
2007	112.0	19.60	5.28	21,952
2008	109.0	18.70	5.00	20,383
2009	101.0	14.20	3.81	14,342
2010	89.0	18.40	4.78	16,376
2011	90.5	22.10	5.79	20,001

Number and Value of Cattle and Calves on Farms, Delaware, January 1, 2008- 2012

Year (on January 1)	All Cattle & Calves	All Cattle & Calves Value per Head	All Cattle and Calves Total Value
	Thousand Head	Dollars	Thousand Dollars
2008	22	1,100	24,200,000
2009	21	1,110	23,310,000
2010	20	920	18,400,000
2011	18	930	16,740,000
2012	19	1,020	19,380,000

Cattle: Number by Classes, Delaware, January 1, 2008 - 2012

Species and Class	2008	2009	2010	2011	2012
	1,000 head				
All Cattle and Calves - January 1	22.0	21.0	20.0	18.0	19.0
Cows (and Heifers that have calved)	10.5	10.5	10.0	8.5	8.5
Beef Cows	4.0	4.0	4.0	3.5	3.5
Milk Cows	6.5	6.5	6.0	5.0	5.0
Heifers 500 pounds and over	—	—	—	—	—
For Beef Cow Replacement	0.9	0.6	0.7	0.5	0.7
For Milk Cow Replacement	2.7	2.3	2.7	3.0	3.3
Other	0.4	0.6	0.4	0.7	0.5
Steers 500 pounds and over	4.0	3.0	2.6	2.0	2.4
Bulls 500 pounds and over	0.3	0.4	0.3	0.3	0.4
Heifers, Steers, and Bulls (under 500 pounds)	3.2	3.6	3.3	3.0	3.2
Calves Born (previous year)	8.5	7.5	6.0	7.0	—

Number and Value of Hogs and Pigs on Farms, Delaware, January 1, 2007 - 2011

Year (on January 1)	All Hogs & Pigs	All Hogs & Pigs Value per Head	All Hogs and Pigs Total Value
	Thousand Head	Dollars	Thousand Dollars
2007	9.0	72.00	648,000
2008	9.0	88.00	792,000
2009	7.5	82.00	615,000
2010	5.5	110.00	603,000
2011	5.0	120.00	600,000

Hogs: Number by Classes, Delaware, January 1, 2007 - 2011

Species and Class	2007	2008	2009	2010	2011
	1,000 head				
All Hogs and Pigs - January 1	9.0	9.0	7.5	5.5	5.0
Breeding Hogs	2.5	2.5	2.0	1.5	1.0
Market Hogs	6.5	6.5	5.5	4.0	4.0
Under 120 pounds	4.0	4.0	3.5	2.4	2.9
120-179 pounds	1.5	1.5	1.0	0.7	0.8
180-pounds and over	1.0	1.0	1.0	0.9	0.3

Sows Farrowed, Pigs per Litter and Pig Crops: Delaware, 2007 - 2011

Year	Sows Farrowed Annual Total	Pigs per Litter	Pig Crop Annual Total
	Thousand Head	Annual Average	Thousand Head
2007	6.0	9.33	56
2008	6.0	9.33	56
2009	4.0	9.00	36
2010	4.0	9.00	36
2011	3.1	7.74	24

Meat Animals: Inventory, Supply and Disposition, Delaware, 2007 - 2011

Year & Species	On Hand First of Year	Births	Inshipments	Marketings ¹	Farm Slaughter ²	Deaths	On Hand End of Year
Cattle & Calves ³							
2007	23.0	8.5	1.0	8.9	0.3	1.3	22.0
2008	22.0	8.5	1.0	9.0	0.3	1.2	21.0
2009	21.0	7.5	1.0	8.2	0.3	1.0	20.0
2010	20.0	6.0	1.0	7.8	0.3	0.9	18.0
2011	18.0	7.0	1.0	5.9	0.2	0.9	19.0
Hogs & Pigs ³							
2007	10.5	56.0	2.3	58.7	0.1	1.0	9.0
2008	9.0	56.0	2.3	57.0	0.1	1.2	9.0
2009	9.0	36.0	2.3	38.9	0.1	0.8	7.5
2010	7.5	36.0	2.3	39.4	0.1	0.8	5.5
2011	5.5	24.0	2.3	25.9	0.1	0.8	5.0

¹ Includes custom slaughter for use on farms where produced, but excludes inter-farm sales within the state.

² Excludes custom slaughter for farmers at commercial establishments.

³ Marketing year: cattle and calves - Jan 1 - Dec. 31; hogs and pigs - Dec 1 previous year to Nov 30.

Meat Animals: Production and Income, Delaware, 2007 - 2011

Year & Species	Production ¹	Marketings ²	Average Price Per 100 Pounds		Value of Production	Cash Receipts ³	Value - Home Consumption	Gross Income
	Thousand Pounds	Thousand Pounds	Dollars					
Cattle & Calves			Cattle	Calves	Thousand Dollars			
2007	7,161	7,965	86.50	110.00	6,316	7,154	502	7,656
2008	6,670	7,970	86.50	105.00	5,929	7,127	589	7,716
2009	6,230	7,110	81.10	95.00	5,127	5,918	551	6,469
2010	4,633	6,443	90.60	104.00	4,233	5,955	614	6,569
2011	5,459	5,080	99.87*		5,472	5,170	382	5,552
Hogs and Pigs	Thousand Pounds		Dollars		Thousand Dollars			
2007	6,550	6,835	40.20		2,947	3,239	37	3,276
2008	6,352	6,504	42.20		2,879	3,115	39	3,154
2009	4,241	4,683	40.00		1,793	2,106	37	2,143
2010	4,466	4,891	54.20		2,260	2,698	50	2,748
2011	2,884	3,222	5		1,694	2,170	61	2,231

¹ Adjustments made for inshipments and changes in inventory.

² Excludes custom slaughter for use on farms where produced and inter-farm sales within state.

³ Receipts from marketings for sale of farm slaughter

⁴ Average price per 100 pounds now combined for Cattle and Calves.

⁵ Discontinued

2007 Census of Agriculture¹, Delaware

(On the following pages is a sampling of information from the 2007 Census of agriculture)

Livestock information

Livestock Type	County			
	New Castle	Kent	Sussex	Total
All Cattle & Calves				
Farms	79	194	126	399
Inventory	1,805	10,410	8,779	20,994
Beef Cows				
Farms	50	116	87	253
Inventory	453	1,617	1,598	3,668
Milk Cows				
Farms	7	57	19	83
Inventory	533	3,227	2,766	6,526
Cattle & Calves Sold				
Farms	66	145	96	307
Inventory	1,022	6,691	3,506	11,219
Pastureland Acres				
All Types	3,436	6,526	7,722	17,684
Hogs & Pigs				
Farms	13	33	31	77
Inventory	105	1,655	7,195	8,955
Sheep & Lambs				
Farms	15	18	23	56
Inventory	344	365	194	903
Mules, Burros, and Donkeys				
Farms	8	16	18	42
Inventory	20	46	40	106
Horses and Ponies				
Farms	78	229	183	490
Inventory	682	2,105	1,177	3,964
Rabbits and their Pelts				
Farms	9	26	21	56
Inventory	27	126	58	211

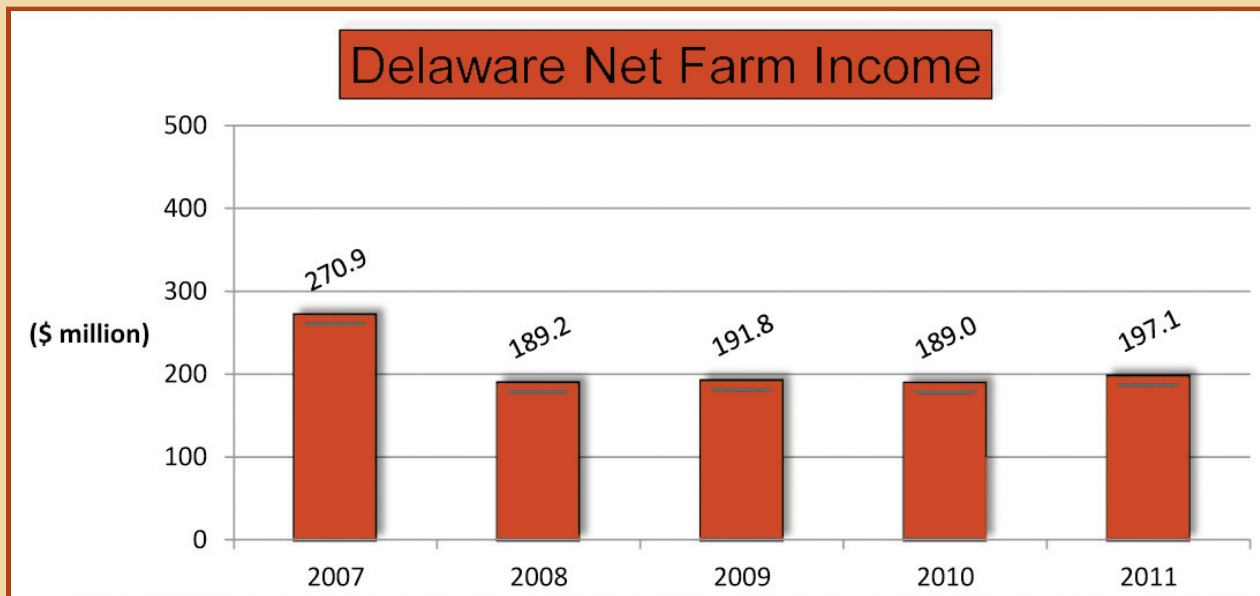
¹ The Census of Agriculture is conducted once every five years.

2007 Census of Agriculture, Delaware

Land in Farms According to Use	County			
	New Castle	Kent	Sussex	Total
Total Number of Farms	347	825	1,374	2,546
Land in Farms, Acres	66,981	173,808	269,464	510,253
Total Land Area in County Acres	272,376	376,843	599,957	1,249,176
Proportion of county Land Area in Farms Percent	25	46	45	
Farms by size				
1 to 9 acres	76	209	366	651
10 to 49 acres	142	261	399	802
50 to 179 acres	73	180	315	568
180 to 499 acres	25	98	157	280
500 to 999 acres	11	26	62	99
1,000 or more acres	20	51	75	146
Farms by value of sales				
Less than \$2,500	121	314	248	683
\$2,500 to \$4,999	39	69	93	201
\$5,000 to \$9,999	35	57	67	159
\$10,000 to \$24,999	51	99	122	272
\$25,000 to \$49,000	24	28	75	127
\$50,000 to \$99,999	32	43	40	115
\$100,000 or more	45	215	729	989
Total Cropland				
Farms	280	627	1,082	1,989
Acres	51,913	146,536	234,324	432,773
Harvested Cropland				
Farms	245	507	863	1,615
Acres	46,813	139,259	223,396	409,468
Total Woodland				
Farms	101	338	409	848
Acres	3,532	18,356	24,238	46,126
Irrigation				
Farms	44	148	368	560
Acres	13,218	93,860	176,751	283,829

Delaware Farm Income

Delaware net farm income was up in 2011. Net farm income increased from \$189 million in 2010 to \$197.1 million in 2011. The increase in net farm income was due to a 39 percent increase for cash receipts. Purchased inputs increased by 5 percent from \$870.7 million in 2010 to \$910 million in 2011. Delaware is ranked first in the United States in value of production per acre and third in net farm income per acre.



Farm Income, Delaware, 2007 - 2011¹

Item	2007	2008	2009	2010	2011
	Million Dollars				
Value of Agricultural Output	1,140.3	1,213.0	1,177.1	1,185.9	1,232.5
Purchased Inputs & Expenses	742.3	900.7	853.0	870.7	910.0
Net Government Transactions	10.5	14.7	7.2	15.7	11.0
Capital Consumption	63.2	67.4	70.1	71.5	74.4
Payments to Stakeholders	74.3	70.3	69.5	70.4	62.1
Net Farm Income	270.9	189.2	191.8	189.0	197.1

¹ 2007-2010 revised, 2011 preliminary

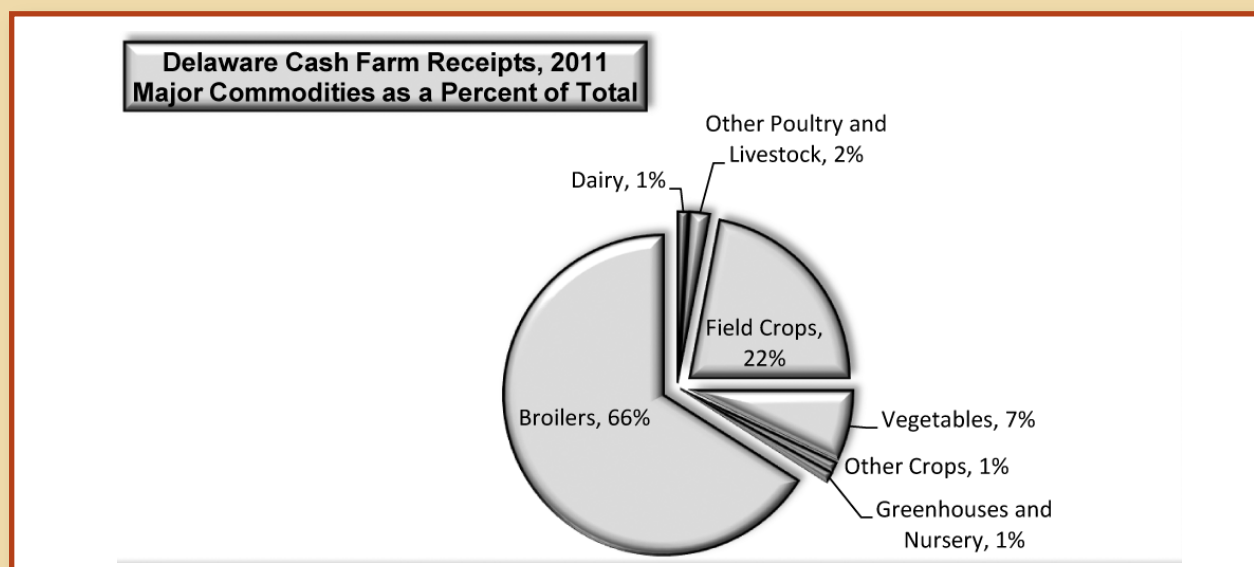
Cash Receipts from Marketings, by Commodities Delaware 2007-2011¹

Commodity	2007	2008	2009	2010	2011
	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Livestock & Products	790,164	780,674	771,579	828,012	760,964
Broilers/Roasters ³	734,942	726,294	730,606	783,395	710,464
Dairy Products	21,952	20,383	14,342	16,376	20,001
Hogs	3,239	3,115	2,106	2,698	2,170
Cattle/Calves	7,155	7,127	5,973	5,955	5,170
Other ²	22,876	23,755	18,552	19,588	23,159
All Crops	187,522	261,667	242,530	230,450	319,992
Soybeans	34,700	48,638	64,677	59,137	73,352
Corn	53,820	73,908	66,767	69,982	117,098
Wheat	20,477	44,079	21,558	13,951	35,704
Barley	2,671	5,036	3,052	1,724	6,877
Hay	1,490	1,541	1,738	1,893	2,242
Vegetables, Fresh Market	29,232	26,119	32,905	32,358	33,100
Vegetables, Processing	23,544	29,552	26,922	26,474	27,082
Other Crops	5,589	6,179	7,005	6,731	6,460
Greenhouse/Nursery	15,999	16,615	17,906	18,200	18,077
All Commodities	977,686	1,042,341	1,014,109	1,058,462	1,080,956

¹ Estimates by National Agricultural Statistics and Economic Research Service, USDA 2007 - 2010, 2011 preliminary.

² Includes eggs, miscellaneous livestock, poultry and products, equine, etc.

³ Cash receipts for broilers includes the value of broilers owned by poultry companies (Contractors) at the point of the production cycle when they are transported from the broiler grow-out farms (Contractees) to the poultry processing plants.



Farm Income Indicators, Delaware, 2007 - 2011 ¹

Item	2007	2008	2009	2010	2011
	<i>Thousand Dollars</i>				
Final Crop Output	181,216	270,168	254,032	218,593	325,379
Final animal output	789,297	779,925	770,836	826,296	762,207
Services and forestry	169,786	162,901	152,239	140,992	144,875
Machine hire and custom work	3,123	2,722	5,137	8,675	4,855
Forest products sold	157	160	160	160	160
Other farm income	108,649	110,286	99,550	84,512	89,703
Gross imputed rental values of farm dwelling	57,857	49,733	47,392	47,645	50,157
Final agricultural sector output	1,140,299	1,212,994	1,177,107	1,185,881	1,232,461
Purchased inputs (minus)	742,326	900,732	852,973	870,653	909,945
Farm origin	404,193	544,506	517,231	543,313	575,701
Feed purchased	300,914	442,528	417,739	442,494	476,670
Livestock and poultry purchased	73,911	70,004	68,467	71,214	68,005
Seed purchased	29,368	31,974	31,026	29,605	31,026
Manufactured inputs	89,381	100,260	89,923	90,610	100,491
Fertilizers and lime	29,906	40,399	31,768	36,178	38,711
Pesticides	24,856	23,589	26,666	23,347	27,349
Petroleum fuel and oils	22,794	24,745	19,893	20,722	24,071
Electricity	11,725	11,527	11,596	10,463	10,360
Other purchased expenses	248,752	255,966	245,819	236,730	233,753
Repair and maintenance of capital items	30,970	28,258	25,611	23,233	30,657
Machine hire and custom work	3,960	3,834	4,870	3,934	4,553
Marketing, storage and transportation expenses	32,774	30,027	37,278	36,848	34,630
Contract labor	3,459	2,417	3,035	2,400	2,470
Miscellaneous expenses	177,589	191,430	175,025	170,315	161,443

Continued on next page

Farm Income Indicators, Delaware, 2007 - 2011, Continued

Item	2007	2008	2009	2010	2011
	<i>Thousand Dollars</i>				
Net government transactions (plus)	10,506	14,685	7,225	15,702	11,049
Direct Government Payments (plus)	19,781	24,412	15,897	24,347	21,014
Motor vehicle registration & licensing fees (minus)	958	615	661	573	608
Property taxes (minus)	8,317	9,112	8,011	8,072	9,357
Gross value added	408,479	326,946	331,359	330,930	333,565
Capital consumption (minus)	63,221	67,440	70,135	71,525	74,351
Net value added	345,258	259,506	261,224	259,405	259,214
Payment to stakeholders (minus)	74,334	70,332	69,467	70,363	62,107
Employee compensation total hired labor	39,383	37,602	36,201	33,013	28,642
Net rent received by nonoperator landlords	2,234	-488	1,047	6,123	4,240
Real estate and non-real estate interest	32,717	33,218	32,219	31,227	29,225
Net Farm Income	270,924	189,174	191,757	189,042	197,107

¹ 2007 - 2010 revised, 2011 preliminary



Delaware Cash Rents, 2008 - 2011

The 2011 Land Values and Rent Survey asked renters and landlords of agricultural land:

- how much they actually received or paid in rent per acre in 2011.

Renters & Landlords: Rent per Acre for Non-irrigated Land, Weighted ¹ Average 2008 - 2011

Year	New Castle	Kent	Sussex	Delaware
	Dollars per Acre			
2008	74.19	71.55	63.74	68.55
2009	72.64	71.81	61.41	67.17
2010	68.66	74.36	63.75	69.21
2011	77.45	82.22	69.07	75.53

¹ Rent per acre weighted by number of acres rented at that dollar amount.

Renters & Landlords: Rent per Acre for Irrigated Land, Weighted ¹ Average 2008 - 2011

Year	New Castle	Kent	Sussex	Delaware
	Dollars per Acre			
2008	117.81	123.57	100.56	110.27
2009	(insufficient data)	127.04	98.35	111.37
2010	(insufficient data)	111.87	103.58	107.01
2011	(insufficient data)	118.70	129.73	126.81

¹ Rent per acre weighted by number of acres rented at that dollar amount.

Cropland Lease Agreements

Percent of all Renters with:				Percent of all Landlords with:			
County	Written Lease(s) Only	Oral Lease(s) Only	Both	County	Written Lease(s) Only	Oral Lease(s) Only	Both
New Castle	41	34	25	New Castle	34	66	0
Kent	26	59	15	Kent	34	64	2
Sussex	25	64	11	Sussex	29	70	1
Delaware	28	58	14	Delaware	31	67	2

Renters									
Percent of Acres with a Written Lease				Percent of Acres with an Oral Lease				Percent of All Acres Leased	
County	All	< 5 yrs	5 + yrs	County	All	< 5 yrs	5 + yrs	< 5 yrs	5 + yrs
New Castle	70	70	30	New Castle	30	78	22	72	28
Kent	57	79	21	Kent	43	50	50	66	34
Sussex	57	83	17	Sussex	43	49	51	68	32
Delaware	59	79	21	Delaware	41	53	47	68	32

WEIGHTS AND MEASURES FOR AGRICULTURAL COMMODITIES

Crop	Unit	Avg Weight	Crop	Unit	Avg Weight
		<i>lbs.</i>			<i>lbs.</i>
Field Crops			Fruit & Berries		
Barley	Bushel	48	Apples	Bushel or carton	40
Corn:			Blueberries	Flat (12 pints)	12
<i>Ear, husked</i>	Bushel	70	Cranberries	Barrel	100
<i>Shelled</i>	Bushel	56	Strawberries	Flat (12 pints)	12
Hay	Square Bale	40-50			
Oats	Bushel	32			
Potatoes	Carton/Sack	100			
Rye	Bushel	56			
Soybeans	Bushel	60			
Wheat	Bushel	60			
Vegetables			Weights and Measures		
Asparagus	Crate/Carton	30	Cubic Measure		
Beans, Lima	Bushel	28-32	1 cubic yard	=	27 cubic feet
Beans, Snap	Bushel	28-32	1 cord wood	=	128 cubic feet
Beets	Crate/Carton	38	Avoirdupois Weight (16 oz equals 1 pound)		
Broccoli	Crate/Carton	23	1 hundredweight	=	100 pounds
Cabbage	Crate/bag/sack	50	1 short ton	=	2,000 pounds
Cantaloupe	1/2 carton or crate	40	1 long ton	=	2,240 pounds
Carrots	Carton/Sack	50	Square Measure		
Cauliflower	Crate	60	1 square foot	=	144 square inches
Celery	Carton/Crate	60	1 square yard	=	9 square feet
Collards	Bag	3	1 acre	=	43,560 square feet
Corn, Sweet	Crate	50	1 square mile	=	640 acres
	Dozen	7.5	Kitchen Measures		
Cucumber	Bushel/carton/crate	55	1 pint	=	2 cups = 16 fluid ounces
Eggplant	Bushel/carton/crate	33	1 quart	=	2 pints = 32 fluid ounces
Garlic	Carton/Crate	30	1 gallon	=	4 quarts = 64 ounces
Honeydew	2/3 Carton	30	1 pound	=	16 ounces
Kale	Carton/Crate	25	Miscellaneous Measure		
Lettuce	Carton	50	Weight of Water	=	1 U.S. gallon = 8.33 pounds
Okra	Bushel/Crate	30			
Onions, green	Carton	13			
Onions, dry	Sack	50			
Peas, green	Bushel/carton/crate	28			
Peppers, bell	Bushel	28			
Pumpkins	Bin	1000			
Spinach	Bushel	25			
Squash	Bushel	40			
Tomatoes	Carton	25			
Watermelon	Bin	1050			
	Carton	85			

Usual Planting and Harvesting Dates of Delaware Vegetables

Crop Vegetables	Usual Planting Date			Usual Harvesting Dates		
	Begin		End	Begin	Most Active	End
Lima Bean (Pr)	5/20		7/20	8/10	8/20 - 10/5	10/20
Snap (Fm)	5/5		5/31	6/10	6/15 - 9/10	9/15
Cantaloups	4/1		4/30	7/15	8/1 - 8/31	9/15
Sweet Corn (Fm)	4/1		7/10	7/1	7/5 - 9/10	10/1
Sweet Corn (Pr)	4/15		6/15	7/20	8/1 - 8/31	9/10
Cucumbers (Fm)	4/20		6/20	6/22	7/1 - 8/10	10/15
Cucumbers (Pr)	5/10		8/7	7/1	7/5 - 7/31	8/1
Green Peas (Pr)	3/1		4/20	6/1	6/5 - 6/20	7/5
Watermelon	5/1		6/1	7/10	8/5 - 8/20	9/25

Usual Planting and Harvesting Dates of Delaware Field Crops

Crop Field Crops	Usual Planting Date			Usual Harvesting Dates		
	Begin	Most Active	End	Begin	Most Active	End
Barley	9/27	10/9 - 10/27	11/10	6/5	6/12 - 6/28	7/3
Corn, Grain	4/19	4/30 - 5/16	5/28	9/10	9/20 - 10/15	11/5
Corn, Silage	4/19	4/30 - 5/16	5/28	8/11	8/25 - 9/18	9/30
Hay, Alfalfa				5/13		11/19
Hay, Other				5/10		11/8
Potatoes	4/5	4/14 - 4/28	5/5	7/4	7/23 - 8/23	9/15
Soybeans	5/18	5/30 - 6/28	7/11	10/5	10/22 - 11/14	11/25
Wheat	10/8	10/19 - 11/8	11/21	6/22	6/26 - 7/8	7/17

Climate Data - Delaware

Percent Probability of Last 32 - Degree F. Temperature Occurring On Or After Date in Spring

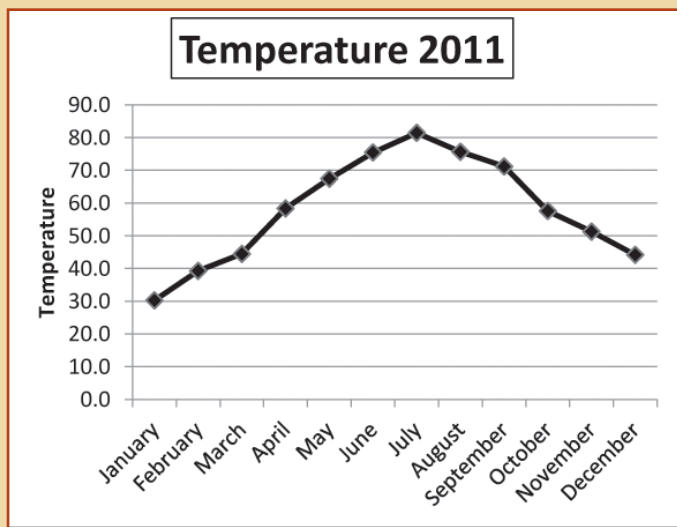
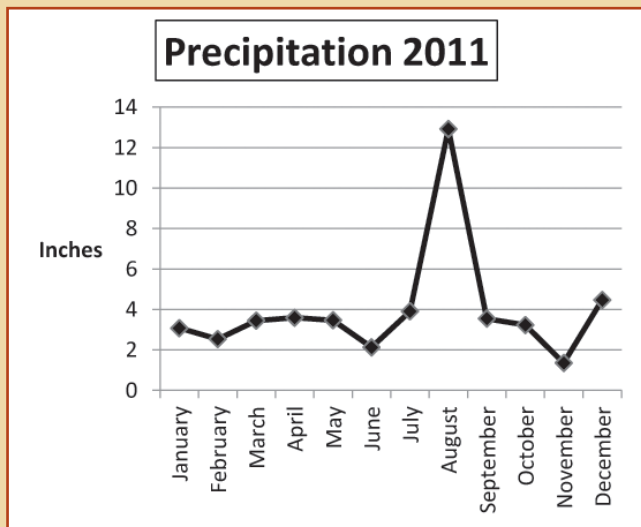
Station	10% 1 Yr. in 10	33% 1 Yr. in 3	50 % 1 Yr. in 2	67% 2 Yrs. In 3	90% 9 Yrs. In 10
Wilmington	Apr 24	Apr 16	Apr 12	Apr 08	Mar 31
Newark	May 10	Apr 29	Apr 23	Apr 17	Apr 06
Dover	Apr 19	Apr 12	Apr 08	Apr 04	Mar 28
Georgetown	May 06	Apr 27	Apr 22	Apr 17	Apr 08

Percent Probability of First 32 - Degree F. Temperature Occurring On Or After Date in Fall

Station	10% 1 Yr. in 10	33% 1 Yr. in 3	50 % 1 Yr. in 2	67% 2 Yrs. In 3	90% 9 Yrs. In 10
Wilmington	Oct 15	Oct 24	Oct 29	Nov 03	Nov 12
Newark	Oct 05	Oct 15	Oct 20	Oct 25	Nov 03
Dover	Oct 14	Oct 22	Oct 27	Nov 01	Nov 09
Georgetown	Oct 02	Oct 11	Oct 16	Oct 21	Oct 30

Precipitation and Temperature ¹ with Departures, 2011 Delaware

Month	Precipitation		Temperatures	
	Total Precipitation	Departure from Normal	Total Temperature	Departure from Normal
January	3.08	-0.48	30.3	-3.92
February	2.54	-0.53	39.3	4.30
March	3.45	-0.55	44.5	1.14
April	3.59	0.04	58.4	5.81
May	3.47	-0.18	67.5	4.88
June	2.13	-1.62	75.5	4.11
July	3.91	-0.58	81.5	5.42
August	12.92	8.05	75.7	1.30
September	3.55	-0.27	71.2	3.17
October	3.23	-0.09	57.6	0.46
November	1.36	-1.80	51.3	4.64
December	4.47	0.90	44.2	7.06
Annual Total	47.7	2.86	581	3.22



DELAWARE AGRICULTURAL RESOURCE DIRECTORY

DELAWARE DEPARTMENT OF AGRICULTURE

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Lisa Wildermuth, Executive Secretary

Agriculture Compliance Section

Regulates the registration, labeling and nutrient content of commercial animal feed, pet food, fertilizer, soil conditioners, liming materials and frozen desserts. Provides testing services for nutrient content of animal/poultry manures.
Phone 302-698-4525
Fax 302-697-4482
E-mail Teresa.Crenshaw@state.de.us

Delaware Standardbred Breeders' Fund

Oversees and maintains records and funds pertaining to the breeding of Standardbred horses in the state racing program.
Phone 302-698-4610
E-mail Judy.Davis-Wilson@state.de.us

Food Products Inspection

Assures that domestic meat and poultry products distributed to consumers are safe and labeled properly, and provides grading services for eggs, fruits and vegetables.
Andrea Jackson
Food Products Inspection Administrator
Phone 302-698-4545
E-mail Andrea.jackson@state.de.us
Meat Inspection
Phone 302-698-4543
E-mail Debra.Whitmore@state.de.us
Fruit & Vegetable Inspection
Phone 302-698-4546
E-mail Brenda.Clements@state.de.us

Forest Service

Protects and enhances forest resources.
Phone 302-698-4500
E-mail Mike.Valenti@state.de.us

Harness Racing Commission

Regulates harness racing.
Phone 302-698-4559
E-mail Hugh.Gallagher@state.de.us
Phone 302-698-4599
E-mail Dianne.Rager@state.de.us

Information and Education

Manages media relations, DDA website and offers Ag educational programs.
Phone 302-698-4520
E-mail Daniel.Shortridge@state.de.us

Land Use Planning and Farmland Preservation

Promotes farmland preservation.
Phone 302-698-4505
E-mail Austin.Short@state.de.us

Marketing

Promotes Delaware's agricultural products, via advertising, publications and special events.
Celene Walton Administrative Specialist
David Smith Farmers Markets Value-Added, Retail Stores, Exports
JoAnn Walston Commodity Boards, Grants
Marketing Specialist Farm to School, Graphics
Phone 302-698-4535
E-mail Celene.Walton@state.de.us

Nutrient Management

Manages those activities involving the generation and application of nutrients in order to help maintain and improve the quality of Delaware's ground and surface waters.
Phone 302-698-4555
E-mail Larry.Towle@state.de.us
Website www.state.de.us/deptagri/nutrientsl

Pesticides

Regulates pesticide distribution, use storage, sales and disposal.

Phone 302-698-4570

E-mail David.Pyne@state.de.us

Plant Industries

Prevents the introduction, establishment and spread of plant and honeybee pests; performs grain and seed inspections and tests.

Phone 302-698-4587

E-mail Faith.Kuehn@state.de.us

Poultry and Animal Health

Protects domestic animals and poultry from the introduction and spread of infectious diseases, including those transmissible to the human population.

Phone 302-698-4561

E-mail Heather.Hirst@state.de.us

Thoroughbred Racing Commission

Regulates thoroughbred racing under the rules and regulations of the Commission.

Phone 302-994-2521 ext 8970

E-mail John.Wayne@state.de.us

Weights & Measures

Safeguards the public against fraud during transactions that require weighing, measuring and or counting.

Phone 302-698-4601

E-mail Steve.Connors@state.de.us

DELAWARE AGRICULTURAL BOARDS, ASSOCIATIONS AND ORGANIZATIONS

Delaware Agricultural Museum and Village

Di Rafter

866 N. Dupont Hwy.

Dover, DE 19901

Phone: 302-734-1618

Website: www.agriculturalmuseum.org

Delaware Agritourism Association

Maria Mayor

P.O. Box 222

Georgetown, DE 19947

Phone: 302-684-1514

Website: www.delawareagritourism.org

Arabian Association of Delmarva

Reese Woose

14984 Staytonville Rd.

Lincoln, DE 19960

Phone: 302-236-2095

Delaware Aquaculture Association

William Bason

256 Brick Store Landing Rd.

Smyrna, DE 19977

Phone: 302-653-8652

E-mail: delmarvaaquatics@erols.com

Website: www.darc.cms.udel.edu/DDA/excom.html

Delaware Beef Board

Wally Gott

1361 Pole Bridge Road

Middletown, DE 19709

Phone: 302-376-0122

Website: www.delawarebeef.org

Delaware Beekeepers Association

Bill Leitzinger

1198 Lorewood Grove Road

Middletown, DE 19709

Phone: 302-584-4631

E-mail: nccbeekeepers@gmail.com

Delmarva Cattlemen's Association

Chris Breeding

361 Tomahawk Branch Rd.

Greenwood, DE 19950

Phone: 302-349-9785

Delaware Certified Thoroughbred Program

777 Delaware Park Blvd.

Wilmington, DE 19804

Phone: 302-994-2398

E-mail: dctprogram@aol.com

Website: www.dtha.com

Delaware Christmas Tree Growers Association

Paul Schreppler

2216 Woodlytown Rd.

Magnolia, DE 19962

Phone: 302-697-7396

E-mail: firtreeacres@verizon.net

Website: www.delawarechristmastreegrowersassn.com

Delaware Conservation Districts

Kent

Timothy Riley

800 Bay Rd. Suite #2

Dover, DE 19901-4667

Phone: 302-741-2600 (ext 3)

Fax: 302-741-0347

Website: kentcd.org

New Castle

Kevin Donnelly

2430 Old County Rd.

Newark, DE 19702-4702

Phone: 302-832-3100 (ext 3)

Fax: 302-834-0783

Website: www.newcastleconservationdistrict.org

Sussex

David Baird
21315 Berlin Rd. Unit #4
Georgetown, DE 19947
Phone: 302-856-3990 (ext 3)
Fax: 302-856-4381
Website: sussexconservation.org

Delaware Crop Improvement Association

2320 S. Dupont Hwy.
Dover, DE 19901
Phone: 302-698-4596
E-mail: Lisa.Jones@state.de.us
Website: www.croplifeamerica.org

Delaware Dairy Princess Committee

Sara Busker
315 Bullock Road
Harrington, DE 19952
Phone: 302-270-8359
Website: www.dairyspot.com/farmers/princess

Delaware Equine Council

Stan Vonasek
P.O. Box 159
Harrington, DE 19952
Phone: 302-684-3966
Website: www.delawareequinecouncil.org

Delaware Farm Bureau

Garry Warren, Jr., President
3457 S Dupont Hwy.
Camden, DE 19934
Phone: 302-697-3183
Website: http://www.defb.org

Kent County

Ted Bobola, Jr., President
5268 Forrest Ave.
Dover, DE 19904
Phone: 302-492-1416

New Castle

T. Scott Unruh, President
809 Port Penn Rd.
Middletown, DE 19709
Phone: 302-834-7422

Sussex County

Guy E. Phillips, President
25345 Hollis Rd.
Georgetown, DE 19947
Phone: 302-856-3296

Maryland-Delaware Forage Council Inc.

Carroll Co. Economic Development
225 N. Center St.
Westminster, MD 21157
Website: www.mdforages.umd.edu

Delaware Forestry Association

PO Box 344
Bridgeville, DE 19933
Website: www.delawareforest.com

Fruit & Vegetable Growers Association of Delaware

David Marvel
4508 Whitelyburg Rd.
Harrington, DE 19952
Phone: 302-381-4811
E-mail: david.marvelfarms@gmail.com

Future Farmers of America (FFA) Delaware

Karen Hutchinson
Education Assoc. for Agriscience
DE Dept of Education
Collette Education Ctr.
35 Commerce Way Suite # 1
Dover, DE 19904
Phone: 302-857-3320
E-mail: khutchinson@doe.k12.de.us

Delmarva Goat Association

Maida Graves
69 Transportation Circle
Dover, DE 19901
Phone: 302-422-5746
E-mail: Delmarvagoat@yahoo.com
Website: www.delmarvagoat.com

Delaware Nursery & Landscape Association

Val Budischak
P.O. Box 897
Hockessin, DE 19707
Phone: 888-448-1203
E-mail: dnlainc@comcast.net or
valannb@udel.edu
Website: www.dnlaonline.org

Delaware Pork Producers

John Tigner
2582 Arthursville Rd.
Hartly, DE 19953
Phone: 302-492-8794

Delaware Potato Growers Association

Ken Wicks
PO Box 286
Middletown, DE 19709
Phone: 302-378-2864
E-mail: wicksken@verizon.net

Delmarva Poultry Industry, Inc.

Connie Parvis
16686 County Seat Hwy.
Georgetown, DE 19947
Phone: 302-856-9037
E-mail: parvis@dpichicken.com
Website: www.dpichicken.org

Delaware Sheep & Wool Producers Association Inc.

Joanne Lessard
 7299 Bayside Dr.
 Dover, DE 19901
 Phone: 302-734-5743
 E-mail: aljl1991@aol.com

Delaware Soybean Board

Susanne Zilberfarb
 PO Box 319
 Salisbury, MD 21803
 Phone: 703-437-0995
 Fax: 703-437-0996
 E-mail: shammond@ezy.net
 Website: www.desoybeans.org

Delaware Standardbred Owners Association Inc.

830 Walker Square, Suite # 112
 Dover, DE 19904
 Phone: 302-678-3058
 E-mail: delsoa@dmv.com

Delaware State Grange

911 S. Governors Ave.
 Dover, DE 19901
 Phone: 302-734-4653
 Fax: 302-734-4902
 E-mail: destategrange@aol.com
 Website: www.delawaregrange.org

Mar-Del Watermelon Association

Jay Rider
 PO Box 319
 Hebron, MD 21830
 Phone: 302-875-2819
 E-mail: mardelmelon@hotmail.com
 Website: www.mardelwatermelon.org

Mid-Atlantic Soybean Association

Steve Connelly
 51 South View Road
 Rising Sun, MD 21911
 Phone: 202-445-9955
 Website: www.midatlanticsoy.org

**NATIONAL COMMODITY BOARDS
 & AGRICULTURAL
 ASSOCIATIONS/ORGANIZATIONS**

American Agricultural Economics Association

555 E. Wells St. Suite #1100
 Milwaukee, WI 53202
 Phone: 414-918-3190
 Website: www.aaea.org

American Agri-Women

11404 Appleton Rd.
 Croton, OH 43103
 Phone: 740-893-2624
 Website: www.americanagriwomen.org

American Angus Association

3201 Frederick Ave.
 Saint Joseph, MO 64506
 Phone: 816-383-5100
 Website: www.angus.org

American Farmland Trust

1200 18th St. NW, Suite #800
 Washington, DC 20036
 Phone: 202-378-1235
 Website: www.farmland.org

American Horse Council

1616 H St. NW, 7th Floor
 Washington, DC 20006
 Phone: 202-296-4031
 Website: www.horsecouncil.org

American Mushroom Institute

Laura L. Phelps
 One Massachusetts Ave. NW, Suite #800
 Washington, D.C. 20001
 Phone: 202-842-4344
 E-mail: ami@mwmlaw.com

American Nursery & Landscape Association

1200 G Street NW, Suite #800
 Washington, DC 20005
 Phone: 202-789-2900
 Website: www.anla.org

American Soybean Association

12125 Woodcrest Executive Dr
 Suite 100
 St. Louis, MO 63141
 Phone: 800-688-7692
 Website: www.soygrowers.com

CropLife America

1156 15th St. NW, Suite #400
 Washington, DE 20005
 Phone: 202-296-1585

Dairy Farmers of America

10220 N. Ambassador Dr.
 Kansas City, MO 64153
 Phone: 816-801-6455
 Website: www.dfamilk.com

Future Farmers of America FFA (National)

PO Box 68960
 Indianapolis, IN 46268-0960
 Phone: 317-802-6060
 Fax: 317-802-6051
 Website: www.ffa.org

National Association of State

Department of Agriculture (NASDA)
 1156 15th St., N.W. Suite 1020
 Washington, DC 20005
 Phone: 202-296-9680
 Website: www.nasda.org

National Chicken Council

1152 15th St. NW, Suite #430
Washington, DC 20005
Phone: 202-296-2622
Website: www.nationalchickencouncil.com

National Corn Growers Association

632 Cepi Dr.
Chesterfield, MO 63005
Phone: 636-733-9004
Website: www.ncga.com

National Grain and Feed Association

1250 I St. NW, Suite #1003
Washington, DC 20005
Phone: 202-289-0873
Website: www.ngfa.org

National Pork Producers Council

122 C St. NW, Suite #875
Washington, DC 20001
Phone: 202-347-3600
Website: www.pork.org

DELAWARE UNIVERSITIES - AGRICULTURAL PROGRAMS AND ASSISTANCE

Delaware State University

Dean, College of Agriculture and Related Sciences
Dr. Dyremple Marsh
1200 N. DuPont Hwy.
Dover, DE 19901
Phone: 302-857-6400
E-mail: dmarsh@desu.edu

Associate Dean for Cooperative Extension Service

Dr. Albert Essel
1200 N. DuPont Hwy.
Dover, DE 19901
Phone: 302-857-6425
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E-mail: aessel@desu.edu

Chairperson, Agriculture and Natural Resource

Department
Richard Barczewski
1200 N. DuPont Hwy.
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John Clendaniel, Small Farms Program

1200 N. DuPont Hwy.
Dover, DE 19901
Phone: 302-857-6425
Fax: 302-857-6430
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Delaware Technical & Community College

Kyle Serman, Chairperson
PO Box 610
Georgetown, DE 19947
Phone: 302-855-5929
E-mail: kserman@dtcc.edu
Website: www.dtcc.edu/agribusiness

University of Delaware

Dean, College of Agriculture & Natural Resources
Dr. Mark Rieger
531 S. College Ave.
113 Townsend Hall
Newark, DE 19716
Phone: 302-831-2501
Website: ag.udel.edu
E-mail: morgan@udel.edu

University of Delaware (con't)

Associate Dean, Extension & Outreach
Director of Extension
College of Agriculture & Natural Resources
Michelle Rodgers, PhD.
531 S. College Ave.
113 Townsend Hall
Newark, DE 19716
Phone: 302-831-2501
E-mail: jseitz@udel.edu

Cooperative Extension Service

NEW CASTLE COUNTY

461 Wyoming Rd.
Newark, DE 19716
Phone: 302-831-2506
Fax: 302-831-8934

Marie Pippidis, Family & Consumer Science Agent
461 Wyoming Rd.
Newark, DE 19716
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Nancy Fisher Gregory, Plant Pathology
151 Townsend Hall
Newark, DE 19716
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Susan Barton, Ornamental Horticulture
531 S. College Ave
113 Townsend Hall
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531 S. College Ave
113 Townsend Hall
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531 S. College Ave
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Phone: 302-831-1317
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Katie Daly Jones, 4-H Program
461 Wyoming Rd.
Newark, DE 19716
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Fax: 302-831-8934
E-mail: kdaly@udel.edu

KENT COUNTY

Phillip Sylvester, Agriculture Agent
69 Transportation Circle
Dover, DE 19901
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Susan Garey, Livestock
69 Transportation Circle
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Doug Crouse, 4-H Program
69 Transportation Circle
Dover, DE 19901
Phone: 302-730-4000
Fax: 302-735-8130
E-mail: dcrouse@udel.edu

SUSSEX COUNTY

Corey Whaley, Agriculture Agent
16483 County Seat Hwy.
Georgetown, DE 19947
Phone: 302-856-7303
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Anne Camasso, Family & Consumer Science Agent
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E-mail: camasso@udel.edu

Gordon Johnson, Vegetable & Fruit Specialist
16483 County Seat Hwy.
Georgetown, DE 19947
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Fax: 302-856-1845
E-mail: gcjohnson@udel.edu

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16483 County Seat Hwy.
Georgetown, DE 19947
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Fax: 302-856-1845
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Sydney Young Riggi, Nutrient Management
16483 County Seat Hwy.
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Phone: 302-856-7303
Fax: 302-856-1845
E-mail: sydney@udel.edu

Mark Isaacs, Research and Education Center
16483 County Seat Hwy.
Georgetown, DE 19947
Phone: 302-856-7303
Fax: 302-856-1845
E-mail: Isaacs@udel.edu

Mark Vangessel, Weed Science and Crop Management
16483 County Seat Hwy.
Georgetown, DE 19947
Phone: 302-856-7303
Fax: 302-856-1845
E-mail: mjv@udel.edu

Mary Argo, 4-H Program
16483 County Seat Hwy.
Georgetown, DE 19947
Phone: 302-856-2585
Fax: 302-856-1845
E-mail: maryargo@udel.edu

Horticulture Extension Specialist
Tracy Wooten
16483 County Seat Hwy.
Georgetown, DE 19947
Phone: 302-856-2585
Fax: 302-856-1845
E-mail: wootten@udel.edu

State Climatologist
Daniel Leathers
S. College Ave.
111A Robinson Hall
Newark, DE 19716
Phone: 302-831-8764
E-mail: leathers@udel.edu

Delaware Geological Survey

Dr. David Wunsch
Delaware Geological Survey Building
257 Academy St.
Newark DE 19716-7501
Phone: 302-831-2833
Website: www.dgs.udel.edu

U.S. DEPARTMENT OF AGRICULTURE

Animal and Plant Health Inspection Service (APHIS)

Kent Holm, DMV
33788 Walnut Grove Dr. Unit #5
Lewes, DE 19958
Phone: 804-343-2560
E-mail: kent.b.holm@aphis.usda.gov
Website: www.aphis.usda.gov/plant_health

Wildlife Services

Kevin Sullivan, State Director DE, MD, & DC
1568 Whitehall Road
Annapolis, MD 21401
Phone: 410-349-8055
E-mail: Kevin.sullivan@aphis.usda.gov
Website: www.aphis.usda.gov/wildlife_damage

Economic Research Service (ERS)

Phone 202-694-5050
E-mail: infocenter@ers.usda.gov
Website: www.ers.usda.gov/statefacts/de.htm

Farm Service Agency (FSA)

Bob Walls, State Executive Director
1221 College Park Dr. Suite #201
Dover, DE 19904
Phone: 302-678-4250
Fax: 302-678-9100
E-mail: bob.walls@de.usda.gov
Website: www.fsa.usda.gov

FSA COUNTY OFFICES

KENT

Tammy Foraker, County Executive Director (acting)
800 S. Bay Rd. Suite #2
Dover, DE 19901-4667
Phone: 302-741-2600 (ext 2)
Fax: 302-741-0347
E-mail: Tammy.Foraker@de.usda.gov

NEW CASTLE

Helen Sureda, County Executive Director
2430 Old County Rd.
Newark, DE 19702-4702
Phone: 302-832-3100 (ext 2)
Fax: 302-834-0783
E-mail: Henen.Sureda@de.usda.gov

SUSSEX

Gregory Hudson, County Executive Director
21315 Berlin Rd. Unit #1
Georgetown, DE 19947
Phone: 302-856-3990 (ext 2)
Fax: 302-856-4381
E-mail: Gregory.Hudson@de.usda.gov

Forest Service

1400 Independence Ave. SW
Washington, DC 20250-0003
Phone: 800-832-1355
Website: www.fs.fed.us/spf/coop/programs/loa/flp

National Agricultural Statistics Service

Chris Cadwallader, Director
2320 S. DuPont Hwy.
Dover, DE 19901
Phone: 302-698-4537
USDA Website www.nass.usda.gov
DE Website: www.nass.usda.gov/de

Natural Resources Conservation Services (NRCS)

Russell Morgan, State Conservationist
1221 College Park Dr. Suite #100
Dover, DE 19904-8724
Phone: 302-678-4160
Fax: 302-678-0843
E-mail: Russell.morgan@de.usda.gov

NRCS COUNTY OFFICES

NEW CASTLE

Marianne Hardesty
2430 Old County Rd.
Newark, DE 19702-4702
Phone: 302-832-3100
Fax: 302-834-0783
E-mail: Marianne.Hardesty@de.usda.gov

KENT

Thomas Wiltbank
800 S Bay Rd. Suite #2
Dover, DE 19901
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Fax: 302-741-0347
E-mail: Thomas.wiltbank@de.usda.gov

SUSSEX

Thelton Savage
21315 Berlin Rd.
Georgetown, DE 19947
Phone: 302-856-3990
Fax: 302-856-4381
E-mail: thelton.savage@de.usda.gov

Rural Development (RD)

Kathy Beisner, Acting State Director
1221 College Park Dr. Suite #200
Dover, DE 19904
Phone: 302-857-3580
Toll Free: 800-670-6553
Fax: 302-857-3640
Website: www.rurdev.usda.gov
Email: kathy.beisner@de.usda.gov

DELAWARE FARMERS MARKETS

NEW CASTLE COUNTY

12th & Brandywine Urban Farm Market

Mondays: 4 p.m. – 7 p.m.
12th & Brandywine Streets
Wilmington, DE 19802
Contact: Tara Tracy
Phone: 302-658-6262
E-mail: ttracy@the.dch.org
Website:
www.facebook/pages/Delawareurbanfarmcoalition

Carousel Park Farmers' Market

Fridays: 2 p.m. - 6 p.m.
Carousel Park Equestrian Center
3700 Limestone Rd.
Wilmington, DE 19808
Contact: Reynold Cierniak
Phone: 302-239-5182
E-mail: recierniak@verizon.net

Cool Spring Farmers' Market

Thursdays: 4 p.m. – 8 p.m.
Cool Spring Park
10th & Jackson Streets
Wilmington, DE 19802
Contact: Amy Hurley
Phone: 302-658-4171
E-mail: www.facebook/pages/cool-springs-Farmers-market

Co-Op Farmers' Market

Sundays: 10 a.m. - 2 p.m.
Newark Natural Foods Co-Op
280 E. Main Street
Newark, DE 19711
Contact: Matt Talley
Phone: 302-368-5894
E-mail: marketmaster@newarknaturalfoods.com
Website: newarknaturalfoods.coop/farmersmarket

Delaware Avenue Farmers' Market

Tuesdays: 4 p.m. – 7:30 p.m.
1727 Delaware Ave
Wilmington, DE 19806
Contact: James Lee
Phone: 302-562-5132
Email: lee-advisor@operamail.com
Website: www.delawareavenue.org

Fresh Friday Farmers' Market

Fridays: 9 a.m. – 5 p.m.
Nemours Plaza
10th & Tatnall Streets
Wilmington, DE 19899
Contact: Tucker Casey
Phone: 302-425-0196
Email: tcasey@downtownvisions.org

Hockessin Community Farmers' Market

Saturdays: 9 a.m. – 1 p.m.
7259 Lancaster Pike
Hockessin, DE 19720
Contact: Reynold Cierniak
Phone: 302-239-5182
E-mail: recierniak@verizon.net
Website: www.buyfromyourneighbor.org

Village Fresh Farmers' Market

Thursdays: 3 p.m. – 6 p.m.
Concord Ave. & Market Street
East 9th & 11th Streets
Wilmington, DE 19806
Contact: Akira Grenardo
Phone: 908-313-3159
E-mail: grenardo@hotmail.org
Website: www.brandywinevillage.org

Wilmington Farmers' Market

Wednesdays: 10 a.m. – 2 p.m.
Rodney Square
East 9th & 11th Streets
Wilmington, DE 19899
Contact: Tucker Casey
Phone: 302-425-0196
E-mail: tcasey@downtownvisions.org
Website: www.downtownvisions.org

Winterthur Farm Stand Farmers' Market

Saturdays: 9 a.m. – 1 p.m.
5105 Kennett Pike
Wilmington, DE 19735
Contact: Jill Quale
Website: www.winterthur.org

KENT COUNTY

Delaware State University Farmers' Market

Saturdays: 10 a.m. - 2 p.m.
State College Road
Dover, De 19901
Contact: Megan Pleasanton
Phone: 302-857-6438
E-mail: mpleasanton@desu.edu
Website: desu.edu/administration/farmersmarket

Harrington Farmers' Market

Fridays: 10 a.m. - 2 p.m.
Commerce & Clark Streets
Harrington, DE 19952
Contact: Jim Cooper
Phone: 302-398-8188

Riverwalk Farmers' Market

Saturdays: 9 a.m. – 1 p.m.
 N. Walnut Street at Riverwalk Park
 Milford, DE 19963
 Contact: Lee Nelson
 Phone: 302-839-1180
 E-mail: farmersmarket@downtownmilford.org

Smyrna Farmers' Market

Saturdays: 9 a.m. – 1 p.m.
 27 S. Market Street Plaza
 Smyrna, DE 19977
 Contact: Robin Bruner
 E-mail: robin.rb@verizon.net

SUSSEX COUNTY**Bethany Beach Farmers' Market**

Sundays: 8 a.m. – Noon
 PNC Bank Parking Lot
 Garfield Parkway & PA Ave.
 Bethany Beach, DE 19930
 Contact: Dan Costello
 Phone: 301-572-4658 or 302-537-5243
 E-mail: dancostello2@verizon.net
 Website: www.bethanybeachfarmersmarket.com

Fenwick Island Farmers' Market

Mondays & Fridays: 8 a.m. – Noon
 Vacant Lot - Coastal Hwy. & East Essex St.
 Fenwick Island, DE 19944
 Contact: Ellen Magee
 Phone: 302-436-5589
 E-mail: mageefarms@comcast.net
 Website: www.fenwickislandfarmersmarket.com

Georgetown Farmers' Market

Fridays: 3 p.m. – 6 p.m.
 Georgetown Town Park
 N. Bedford & Edward Streets
 Georgetown, DE 19947
 Contact: Kyle Serman
 Phone: 302-856-3210
 Website: www.georgetowncoc.com

Historic Lewes Farmers' Market

Saturdays: 8 a.m. – Noon
 1st location
 Lewes Historical Society Complex
 110 Shipcarpenter St.
 Lewes, DE 19958
 2nd location
 Savannah Road & Sussex Drive
 Lewes, DE 19958
 Phone: 302-644-1436
 E-mail: historiclewesfarmersmarket@comcast.net
 Website: www.historiclewesfarmersmarket.org

Long Neck Farmers' Market

Saturdays: 8 a.m. – Noon
 Long Neck Elementary School –School Lane
 Millsboro, DE 19966

Contact: Kenny Hopkins
 Phone: 302-945-3411
 E-mail: camping@dmv.com

Orchard Point Farmers' Market

Sundays: Noon – 6 p.m.
 Rt 13 N & DE 40
 Bridgeville, DE 19968
 Contact: Greet Stangl
 E-mail: orchardpointEgmail.com
 Website: facebook.com/orchardpointfarmersmarket

Millsboro Farmers' Market

Thursdays: 2 p.m. – 6 p.m.
 Main Street
 Millsboro, DE 19966
 Contact: Marie Larocca
 E-Mail: marie.larocca@mchsi.com
 Website: millsborodowntownpartnership.com

Millville Farmers' Market

Thursdays: 9 a.m. – 1 p.m.
 Millville Town Hall
 Atlantic Ave. & Clubhouse Road
 Millville, DE 19967
 Contact: Linda & Harry kent
 E-mail: lindakent34@hotmail.com
 Website: Millville.delaware.gov

Milton Farmers' Market

Fridays: 3:30 p.m. – 6:30 p.m.
 Union & Magnolia Streets
 Milton, DE 19968
 Contact: Jim Crellin
 E-mail: jim@miltonfarmersmarket.org
 Website: facebook.com/miltondelawarefarmersmarket

Rehoboth Beach Farmers' Market

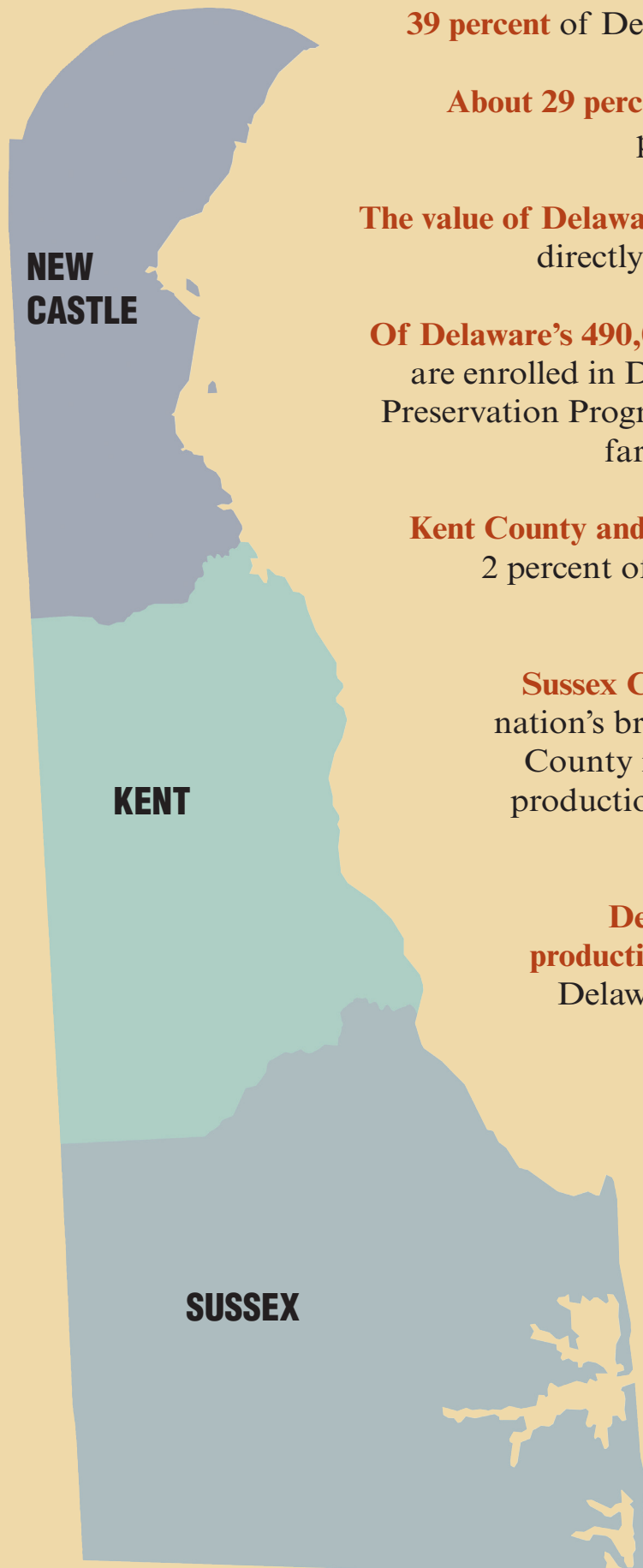
Tuesdays: Noon - 4 p.m.
 Grove Park - Rehoboth Ave.
 Rehoboth Beach, DE 19971
 Contact: Pat Coluzzi
 Phone: 302-249-7878
 E-mail: pat@coluzziconsutling.com
 Website: www.rbfarmersmarket.com

The Farmers Market at Sea Colony

Wednesdays: 8 a.m. – Noon
 Marketplace at Sea Colony Shopping Center
 Bethany Beach, DE 19930
 Contact: Carrie Bennett
 E-mail: carrie@bennettorchards.com

Western Sussex Farmers' Market

Saturdays: 8:30 a.m. – Noon
 Western Sussex Boys & Girls Club Parking lot
 310 Virginia Avenue
 Seaford, DE 19973
 Contact: Linda Allen
 Phone: 302-629-5959
 E-mail: lindawesternsussexfarmmkt@gmail.com
 Website: facebook.com/westernsussexfarmersmarket



39 percent of Delaware's land area is in farms.

About 29 percent of Delaware's land area is planted in corn and soybeans.

The value of Delaware's agricultural products sold directly to consumers = \$3.5 million.

Of Delaware's 490,000 acres in farms, 32 percent are enrolled in Delaware's Agricultural Lands Preservation Program and 21 percent of land in farms is permanently preserved.

Kent County and Sussex County are in the top 2 percent of 3,079 counties in the U.S. in value of vegetables sold.

Sussex County is the birthplace of the nation's broiler chicken industry. Sussex County ranks #1 nationally in broiler production with over 200 million birds produced each year.

Delaware broiler/roaster chicken production accounts for 66 percent of Delaware's total farm cash receipts.

Delaware's cash receipts from agriculture are over 1 billion dollars annually.

Delaware's Lima Bean acreage is number 1 in the U.S. at 11,500.

Delaware ranks first in the U.S. in value of agricultural production per acre.

Delaware Agricultural Statistics Service

ONLINE:

DE NASS Website: www.nass.usda.gov/de

Email: chris.cadwallader@state.de.us

Census of Agriculture Website:

www.nass.usda.gov/census

MAIL:

Delaware Agricultural Statistics Service

2320 South DuPont Highway

Dover, DE 19901

PHONE:

1-800-282-8685

1-302-698-4500

Jack Markell - Governor

Matt Denn - Lieutenant Governor

Ed Kee - Secretary of Agriculture

2012 CENSUS OF AGRICULTURE

YOUR VOICE. YOUR FUTURE. YOUR RESPONSIBILITY.

