



United States Department of Agriculture
National Agricultural Statistics Service



New
Jersey



Crop Progress & Condition

Bruce Eklund, State Statistician

P.O. Box 330, Trenton, NJ 08625

Phone: 503-308-0404

Fax: 609-633-9231

www.nass.usda.gov/nj

Week ending September 30, 2018

Issued weekly on the internet, April - November
by the Northeastern Regional Field Office of NASS

nassrfooner@nass.usda.gov

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Fair Week for Field Work: New Jersey had an average of 4.0 days suitable for field work. Temperatures were warmer than normal. Rain varied from slightly less than an inch in Cape May and Millville to almost five inches in Freehold Marlboro.

With the continued rain, growers were concerned for the negative impact to vegetable crops as well as decreased retail sales at markets due to the weather. Overall, prices and revenues seemed to be down due to the recent stretch of rain.

The following crops were being harvested: arugula, snap beans, beets, basil, cilantro, cabbage, cantaloupe (last harvest), collards, sweet corn, cucumbers, summer dandelion, eggplant, dill, escarole, kale, leeks, pumpkins, lettuce, parsley, peppers, radishes, spinach, summer squash, Swiss chard, scallions, processing and fresh market tomatoes, white potatoes and sweet potatoes. The following crops were being planted: cover crops and winter wheat.

Per the Rutgers' Plant and Pest Advisory, "State-wide, European corn borer and fall armyworm have declined in the traps" for sweet corn. Corn earworm populations have also declined, but it is recommended to continue spraying for a few days for late season sweet corn. In southern New Jersey, small numbers of Hawaiian beet webworm have been found; it is recommended to "check plantings of susceptible crops for this moth." Additionally, "an unusual infestation of soybean looper was found in eggplant this past week in the East Vineland area." According to the article, "soybean looper can feed on a wide range of plants besides soybean, including tomato and pepper."

Soil Moisture for Week Ending September 30, 2018

(in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	0	0	71	29
SUBSOIL	0	0	77	23

Crop Conditions as of September 30, 2018

(in percent)

Item	Very Poor	Poor	Fair	Good	Excellent
APPLES	0	7	79	12	2
CORN	10	21	23	43	3
HAY, OTHER	0	6	53	41	0
PASTURE AND RANGE	0	7	32	59	2
SOYBEANS	3	15	24	55	3

Crop Progress as of September 30, 2018

(in percent)

Item	This Week	Last Week	Last Year	5 Year Avg.
APPLES: HARVESTED	49	36	48	47
CORN: DENTED	85	45	99	96
CORN: MATURE	32	N/A	76	77
HAY, ALFALFA: THIRD CUTTING	67	57	75	82
HAY, OTHER: THIRD CUTTING	35	28	76	67
SOYBEANS: FULLY PODDED	96	71	96	84
SOYBEANS: COLORING	75	N/A	65	67
SOYBEANS: DROPPING LEAVES	21	N/A	27	38

For a complete nationwide weekly weather and crop bulletin, please visit www.usda.gov/oce/weather and click on "[Weekly Weather and Crop Bulletin.](#)"

September 30, 2018 New Jersey Weekly Weather Summary

Notice please be advised, the Weekly Crop Progress and Condition Report's Weather Data Tables may be discontinued for budget reasons. This includes the possibility of discontinuing the weather data narratives and graphics Please contact your local NASS Regional Field Office with comments or compliments regarding this issue. The Weekly Crop Progress and Condition Report's Crop Progress and Condition data will remain and be available.

Station	Last Week Weather Summary						Accumulation Since April 1, 2018					
	Temperature				Precipitation		Precipitation			GDD Base 50F		Base 40F
	Hi	Lo	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
ANDOVER AEROFLE	82	48	60	+1	3.82	4	35.97	+10.16	89	2972	+324	4626
BELVIDERE BRIDG	80	47	61	+1	3.95	4	35.84	+10.59	79	2825	+85	4413
CAPE MAY 2 NW	84	55	70	+5	0.84	3	25.77	+4.75	64	3520	+254	5201
ESTELL MANOR	86	52	68	+7	3.44	4	32.61	+8.94	73	3627	+519	5358
FLEMINGTON 5 NN	84	48	63	+2	3.13	4	36.86	+10.16	85	3219	+381	4903
FREEHOLD-MARLBO	85	50	65	+3	4.84	6	32.72	+7.82	89	3486	+370	5198
HAMMONTON 1 NE	84	53	66	+4	2.32	5	30.79	+6.45	83	3586	+358	5320
MANASQUAN	83	53	67	+5	2.38	5	39.77	+15.09	75	3154	+216	4812
MILLVILLE MUNIC	84	51	68	+6	0.98	5	31.83	+10.55	91	3578	+454	5315
MT HOLLY WFO	85	51	65	+1	3.87	5	32.04	-0.77	77	3391	+135	5069
NEW BRUNSWICK 3	85	50	65	+3	3.60	6	31.28	+4.71	83	3382	+317	5058
NEWARK LIBERTY	84	53	66	+2	3.13	4	32.14	+7.55	94	3734	+328	5484
PENNSAUKEN 1N	84	52	67	+4	3.87	6	33.30	+7.16	79	3520	+184	5238
SEABROOK FARMS	84	54	68	+4	2.14	5	27.77	+3.38	58	3252	-151	4844
SUSSEX 3 WNW	81	44	58	+1	3.57	5	35.40	+9.12	84	2834	+410	4438
TRENTON MERCER	85	51	66	+5	3.42	5	34.99	+9.35	89	3600	+492	5328

Summary based on NOAA Regional Climate Centers (RCCs) data. DFN = departure from normal.

Precipitation (rain or melted snow/ice) in inches. Air temperature in degrees Fahrenheit. Climate normals used are for the 1981-2010 period.

Reporters Comments, By County

Reporters are from Extension Service (Ext), Natural Resources Conservation Service (NRCS), Farm Service Agency (FSA), Conservation District (CD), farmers, commodity specialists, or other knowledgeable individuals.

Monmouth County, Bill Sciarappa - Too much rain - flooding again; most areas will be reaching 60 inches this year or even 70. Bacterial and fungal diseases thriving. Pumpkins rotting.

Cumberland County, Dr. Wesley L. Kline – Rainy conditions continue to affect the quality of most vegetables and fruit. Harvesting is delayed with some crops because of late maturity and difficulty of getting in some fields. The following crops are being harvested: arugula, snap beans, beets, basil, cilantro, cabbage, cantaloupe (last harvest), collards, sweet corn, cucumbers, summer dandelion, eggplant, dill, escarole, kale, leeks, pumpkins, lettuce, parsley, peppers, radishes, spinach, summer squash, Swiss chard, scallions, processing and fresh market tomatoes, white potatoes and sweet potatoes. The following crops are being planted: cover crops and winter wheat.

JERSEY FRESH AVAILABILITY FOR OCTOBER 1, 2018

APPLES	Gala, Honeycrisp, & Ginger Gold harvested & in storage. Harvesting McIntosh, Cortland, Jonamac, Jonagold, Fuji, Red & Golden Delicious, Empire, & MacCoun. Rome & Stayman/Winesap are next. The cooler nights are developing color in many varieties. Better harvest than last year.
ARUGULA	Harvesting good quality product in fair to good volume as seasonal warmth cools.
BABY SPINACH & ARUGULA	Harvesting very good quality products in fair volume.
BASIL	Likes warmth so cool nights are slowing production. Harvesting good quality product in light to decreasing volume.
BEETS	Harvesting a fair to decreasing volume of very good quality product.
CABBAGE	Harvesting a good volume of good quality green, savoy, & red.
CILANTRO	Harvesting good quality product in fair to good volume as seasonal warmth cools.
COLLARDS	Harvesting a good volume of very good quality product.
CRANBERRIES	Large growers with much acreage to harvest are harvesting. Smaller growers waiting a week or two to develop more maturity and sugar levels. Like apples, the cooler nights are developing color. The USDA is forecasting a 23% larger yield this year (about a normal yield) than last year, which was a down year.
CUCUMBERS	Harvesting mostly good quality pickles and cukes in light to decreasing volume.
DANDELIONS	Good quality bunched product harvesting in fair volume.
DILL	Harvesting a fair volume of very good quality product as seasonal warmth cools.
EGGPLANT	Harvesting a fair to light & decreasing volume of good quality product.
ESCAROLE & ENDIVE	Harvesting a light to fair volume of good quality products as seasonal warmth cools.
KALE	Good quality product harvesting in good volume.
LEEKs	A fair volume of good quality product is available.
LETTUCES	Growers are harvesting their Fall lettuces, a little later than normal, in light volume. The mid-Summer heat, followed by weeks of rainy weather, caused pollination & germination issues which will result in a smaller crop than normal. Less Spring demand for Romaine also lessened Fall plantings.
MINT	Likes warmth so harvesting very good quality in light to decreasing volume.
PARSLEY	Good quality curly & plain product harvesting in fair to good volume.
PEACHES	Finishing up w/ some late yellow varieties still available in northern areas of the state in very light volume.
PEPPERS	Harvesting mostly good quality product in light to decreasing volume.
PUMPKINS	Harvesting good quality in fair, but less than normal, volume as there was a lighter fruit set due to mid-Summer heat & then constant rain w/ both causing less than ideal bee pollination. The weather was very erratic & with a great deal of variation in effects from farm to farm. Timing of planting, as well as slope & drainage of land caused much yield variation.
RADISHES	Harvesting good quality product in fair volume as seasonal warmth cools.
SPINACH	Harvesting a light to fair volume of good quality product as seasonal warmth cools.
SQUASH	Harvesting a light to decreasing volume of good quality zucchini & yellow squash. Hard squashes like butternut and acorn, are in fair volume.
SWEET CORN	Harvesting mostly good quality in fair to light & decreasing volume. Ears mature into a shorter size in the Fall. Quality varies a bit now as six weeks straight of wet weather & seasonal insect pressures mount.
SWEET POTATOES	Harvesting excellent quality potatoes in good volume.
SWISS CHARD	Harvesting very good quality product in fair to good volume.
TOMATOES	Harvesting mostly good quality in light to decreasing volume.
TURNIPS	Harvesting good quality in fair volume as seasonal warmth cools.
WHITE POTATOES	Harvesting excellent quality round white, red, yellow, & Russet varieties in good volume. Source your N.J. potatoes in their distinctive "Jersey Fresh" bags.