



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 August 19, 2018

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by the Northeastern Regional Field Office of NASS

nassrfoner@nass.usda.gov

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Excellent Week for Field Work: New Jersey had an average of 6 days suitable for field work. High temperatures and high humidity were reported across New Jersey and high temperatures were at 88 or above across the state. Cooler nights are beginning, with lows ranging from 64 to 70 degrees.

Due to excessive rainfall, per the Morning AgClips, "New Jersey Gov. Phil Murphy has declared a state of emergency in Bergen, Essex, Monmouth, Ocean and Passaic counties. Murphy urged residents to reach out to their county offices of emergency management if they need assistance and to report storm damage." Monmouth County alone reports downpours of 5 to 7 inches in a few hours devastating some fields.

Daytime high heat and very high humidity have increased disease pressure and insect activity. In Cumberland County, while less rain has been received, rainfall is still causing difficulties in weed control management. The Rutgers Cooperative Extension Plant & Pest Advisory warns of several weather-related problems with pests and diseases. "Cucurbit downy mildew (CDM) has been confirmed on cucumber, butternut squash, and pumpkin in NJ this growing season. CDM can defoliate fields in a matter of several days during wet conditions such as we are currently enduring," and that "continuous wet weather has created a perfect environment for the development of northern corn leaf blight which attacks older tissue first, but can move further up the plant when wet conditions permit spore production and germination." They also report that basil downy mildew has been spotted and with very warm, wet weather, foliar diseases of tomatoes are increasing. Also, in Monmouth County in particular, there are reports of high levels of deer damage and farmers are in need of resolution with a strong state program.

On a positive note, per our New Jersey Field Office, New Jersey crop forecasts for apples, peaches, and cranberries are up from previous years as growers anticipate good crops. The following crops are being harvested: arugula, snap beans, beets, basil, cilantro, cantaloupe, collards, sweet corn, cucumbers, summer dandelion, dill, eggplant, kale leeks, parsley, okra, peppers, summer squash, Swiss chard, scallions, tomatoes (fresh and processing), watermelon, white potatoes, peaches and apples. The following crops are still being planted: snap beans, beets, collards, cucumbers, lettuce, kale, summer squash, Swiss chard, scallions and spinach.

Soil Moisture for Week Ending August 19, 2018 (in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	0	0	64	36
SUBSOIL	0	0	73	27

Crop Conditions as of August 19, 2018 (in percent)

Item	Very Poor	Poor	Fair	Good	Excellent
APPLES	0	0	70	9	21
CORN	0	8	18	63	11
HAY, ALFALFA	0	0	45	55	0
HAY, OTHER	0	0	35	65	0
PASTURE AND RANGE	0	3	40	57	0
SOYBEANS	0	7	30	59	4

Crop Progress as of August 19, 2018 (in percent)

Item	This Week	Last Week	Last Year	5 Year Avg.
CORN: SILKING	92	84	N/A	N/A
CORN: MILK	56	55	94	N/A
HAY, ALFALFA: SECOND CUTTING	85	76	100	N/A
HAY, OTHER: SECOND CUTTING	77	58	85	88
SOYBEANS: BLOOMING	85	77	96	N/A
SWEET CORN: HARVESTED	68	64	78	N/A
BELL PEPPERS: HARVESTED	68	66	54	N/A
TOMATOES: HARVESTED	65	61	53	N/A

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

August 19, 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	88	65	74	+3	1.77	4	24.74	+4.67	73	2180	+154	3412
BELVIDERE BRIDG	89	64	75	+3	1.06	4	27.11	+7.56	64	2057	-10	3235
CAPE MAY 2 NW	90	70	80	+4	1.48	3	20.69	+4.21	46	2504	+106	3785
ESTELL MANOR	92	67	79	+5	0.62	3	24.07	+5.65	57	2635	+290	3946
FLEMINGTON 5 NN	90	65	77	+4	3.65	5	29.44	+8.31	64	2383	+234	3647
FREEHOLD-MARLBO	94	65	79	+5	2.42	5	24.32	+4.90	68	2586	+232	3878
HAMMONTON 1 NE	92	67	79	+4	1.30	4	20.57	+1.89	61	2638	+190	3953
MANASQUAN	90	68	78	+5	5.62	4	29.78	+10.60	58	2289	+84	3556
MILLVILLE MUNIC	89	66	77	+3	0.32	4	24.33	+7.66	72	2604	+252	3920
MT HOLLY WFO	90	65	78	+3	2.61	5	24.58	-0.68	59	2474	+16	3732
NEW BRUNSWICK 3	92	66	78	+4	1.32	5	22.10	+1.41	64	2480	+170	3747
NEWARK LIBERTY	92	67	78	+1	1.84	4	24.84	+5.29	76	2746	+182	4076
PENNSAUKEN 1N	92	67	78	+3	2.84	4	24.05	+3.62	58	2588	+52	3886
SEABROOK FARMS	91	67	79	+3	0.72	4	18.97	+0.26	41	2286	-268	3468
SUSSEX 3 WNW	88	64	74	+5	3.18	4	26.92	+6.62	63	2134	+278	3350
TRENTON MERCER	92	66	76	+2	1.13	5	27.62	+7.70	72	2640	+292	3949

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.

Cape May, Jenny Carleo, Ag Agent - Cooler nights have begun. Daytime high heat and very high humidity have increase disease pressure and insect activity.

Cumberland, Dr. Wesley L. Kline - There has been less rain in this part of the state compared to the northern sections. The biggest problem is weed control with rain that has occurred weed management has been difficult.

The following crops are being harvested: arugula, snap beans, beets, basil, cilantro, cantaloupe, collards, sweet corn, cucumbers, summer dandelion, dill, eggplant, kale leeks, parsley, okra, peppers, summer squash, Swiss chard, scallions, tomatoes (fresh

and processing), watermelon, white potatoes, peaches and apples. The following crops are being planted: snap beans, beets, collards, cucumbers, lettuce, kale, summer squash, Swiss chard, scallions and spinach.

Monmouth County, Bill Sciarappa - Too much rain - 5-7 inches in a few hours have devastated some fields. Deer damage is very high and must be resolved with a strong state program or farmers are out of business.

JERSEY FRESH AVAILABILITY FOR AUGUST 20, 2018

ARUGULA	Harvesting good quality product in light volume due to seasonal warmth.
BABY SPINACH & ARUGULA	Harvesting very good quality products in good volume.
BASIL	Harvesting good quality in fair volume.
BEETS	Harvesting a good volume of very good quality product.
CABBAGE	Harvesting a good volume of good quality green, savoy, & red.
CILANTRO	Harvesting good quality product in light volume due to seasonal warmth.
COLLARDS	Harvesting a good volume of very good quality product.
CUCUMBERS	Variable quality pickles and cukes harvesting in fair volume due to seasonal warmth & weather related issues.
DANDELIONS	Good quality bunched product harvesting in fair to good volume.
DILL	Harvesting a light volume of very good quality product due to seasonal warmth.
EGGPLANT	Harvesting a good volume of good quality product.
ESCAROLE & ENDIVE	Harvesting a light volume of good quality products due to seasonal warmth.
KALE	Good quality product harvesting in good volume.
LEEKS	A fair to good volume of good quality product is available.
MINT	Harvesting a good volume of very good quality product.
NECTARINES	Finishing up the harvest of the Sunglo variety, while increasing the harvest of the excellent quality Fantasia variety through the end of the month w/ full color and good size
PARSLEY	Good quality curly & plain product harvesting in fair to good volume.
PEACHES	A slowly warming Spring had the season start later than normal. An overcast and cool May slowed early ripening. Harvesting excellent quality yellow & white freestone varieties in great volume. Volume of white varieties thru early September & yellow varieties thru mid-September.
PEPPERS	Harvesting a good volume of good quality product.
RADISHES	Harvesting good quality product in light volume due to seasonal warmth
SPINACH	Harvesting a light volume of good quality product due to seasonal warmth.
SQUASH	Harvesting mainly good quality zucchini & yellow squash in good volume.
SWEET CORN	Harvesting good quality in good volume.
SWISS CHARD	Harvesting very good quality product in fair to good volume.
TOMATOES	Harvesting good quality in good volume.
TURNIPS	Harvesting good quality in light volume due to seasonal warmth
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.

JERSEY FRESH FORECAST

APPLES	Should start harvesting Gala & Ginger Gold in South Jersey within the week w/ Honeycrisp in two weeks. Will start McIntosh, Courtland, & Early Fuji in early to mid-September. More cool nights would help in the development of color in many varieties.
LETTUCES	Growers should start harvesting their Fall lettuces in mid to later September.
SWEET POTATOES	Should begin harvesting in mid-September, but with curing, volume won't be available until late September.