



United States Department of Agriculture
National Agricultural Statistics Service



New
Jersey



Crop Progress & Condition

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Week ending October 16, 2016

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

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Released October 17, 2016

Excellent Week for Field Work: New Jersey had an average of 6.5 days suitable for field work. Mean temperatures reported from stations across the state were almost all a little below normal. The majority of temperatures were reported as ranging between lows in the 30's and 40's up to highs in the high 60's and low 70's.

Most stations reported about a half an inch of rain for the week. Some reported none to a trace. Halloween and other fall agri-tourism events are in full swing, however the wet weekend in many areas significantly reduced attendance. On a positive note, there is plenty of moisture in the ground. Harvest is mostly completed for orchard crops, but this will help in keeping the plants healthy and accumulate storage nutrients before the leaf fall, which is beginning to occur.

Overall harvest conditions are good as fall vegetable crop and orchard harvests continue. Some counties are fortunate to have no reports of bitter-pit during storage, as seen in other Northeast regions. Growers tuning up equipment and tools, such as draining irrigation lines, etc. Some growers are pushing out old varieties of nectarines and peaches and replanting with new varieties. Some are treating with Vapam, a powerful soil fumigant to control nematodes before planting. Late red varieties of wine grapes being harvested and crushed. In one county they are investigating a report of spotted lanternfly. The pumpkin crop is light in weight and high in quality.

Soil Moisture for Week Ending October 16, 2016

(in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	8	24	56	12
SUBSOIL	2	28	53	17

Crop Conditions as of October 16, 2016

(in percent)

Item	Very Poor	Poor	Fair	Good	Excellent
CORN	3	4	50	38	5
HAY, ALFALFA	0	3	26	63	8
HAY, OTHER	0	1	48	49	2
PASTURE AND RANGE	0	7	43	44	6
SOYBEANS	3	5	49	40	3

Crop Progress as of October 16, 2016

(in percent)

Item	This Week	Last Week	Last Year	5 Year Avg.
CORN: MATURE	92	88	95	N/A
CORN: HARVESTED FOR GRAIN	35	<5	48	29
HAY, ALFALFA: THIRD CUTTING	95	91	93	78
HAY, ALFALFA: FOURTH CUTTING	36	26	47	32
HAY, OTHER: THIRD CUTTING	90	78	70	72
HAY, OTHER: FOURTH CUTTING	17	11	6	20
SOYBEANS: DROPPING LEAVES	93	59	84	N/A
SOYBEANS: MATURE	45	N/A	53	N/A
SOYBEANS: HARVESTED	18	N/A	25	N/A
SWEET CORN: HARVESTED	94	93	94	N/A

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

October 16, 2016 New Jersey Weekly Weather Summary

Station	Last Week Weather Summary						Accumulation Since April 1, 2016					
	Temperature				Precipitation		Precipitation			GDD Base 50F		Base 40F
	Hi	Lo	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
Andover	67	32	51	+2	0.03	1	21.41	-6.88	73	3138	+681	5026
Belvidere_Bridg	68	31	50	-3	0.01	1	18.37	-8.35	66	3017	+374	4889
Cape_May	73	44	58	-1	0.00	0	33.60	+11.40	65	3803	+506	5728
Estell_Manor	72	38	54	-3	0.53	1	29.72	+7.51	77	3644	+525	5557
Flemington	70	32	51	-3	0.00	0	21.30	-7.08	70	3371	+571	5258
Freehold_Marlbo	72	37	53	-3	0.52	1	21.70	-4.09	76	3501	+451	5410
Hammonton	70	38	53	-3	0.49	1	26.31	+0.88	86	3697	+442	5613
Manasquan	71	41	53	-2	0.56	1	21.12	-4.67	67	3297	+247	5176
Marlton	70	37	53	-3	0.58	1	25.84	-0.70	72	3584	+304	5494
Millville	72	37	54	-3	0.44	1	25.75	+2.07	72	3718	+370	5642
Mt_Holly_NWS	67	38	52	-5	0.45	1	21.80	-5.25	67	3471	+261	5371
Newark	68	42	56	-2	0.30	2	17.21	-8.87	62	4009	+533	5942
New_Brunswick	69	35	53	-3	0.52	2	19.59	-8.48	69	3587	+524	5503
Pennsauken	68	39	53	-5	0.61	1	25.54	-1.29	73	3675	+173	5590
Seabrook_Farms	77	40	56	-1	0.51	1	27.51	+2.40	67	3724	+347	5651
Sussex_2NW	68	29	49	-2	0.04	1	17.87	-10.46	69	2917	+486	4781
Trenton	68	37	53	-2	0.41	1	19.46	-8.73	71	3753	+784	5670

Summary based on NWS data. DFN = Departure From Normal.

Precipitation (rain or melted snow/ice) in inches.

Air Temperatures in Degrees Fahrenheit.

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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.

Atlantic County, Dr. Richard Vanvranken

Fall vegetable crop harvest continues.

Gloucester County, Dr. Hemant Gohil

Plenty of moisture in the ground. Orchard crops have been harvested, but this will help in keeping the plants healthy and accumulate storage nutrients before the leaf fall, which is beginning to occur. Apple harvest finished in most Orchards. No report of bitter-pit during storage, as seen in other north east regions. Growers tuning up equipment and tools, such as draining irrigation line etc. Some growers pushing out old varieties of nectarines and peaches and replanting with new varieties. Some

treating with Vapam, a powerful soil fumigant to control nematodes before planting. Late red varieties of wine grapes being harvested and crushed.

Monmouth County, Bill Sciarappa

Halloween events – agri-tourism is in full swing. Investigating a report of spotted lanternfly. Harvest conditions good. Pumpkin crop light in weight - good in quality.

JERSEY FRESH AVAILABILITY FOR OCTOBER 17, 2016

APPLES	Gala, Ginger Gold, McIntosh, & Early Fuji harvested & in storage. Finishing up harvest of Courtland, Honeycrisp, & Jonathan. Harvesting Red & Golden Delicious, Empire, & Jonagold. Stayman/Winesap are starting with Rome, Fuji, and Mutsu next. Cool nights would help in the development of color. Storage apples & cider available through Christmas.
ARUGULA	Harvesting good quality product in fair to decreasing volume. Frost will hurt.
BABY KALE, SPINACH & ARUGULA	Harvesting very good quality products in light to decreasing volume. Frost will hurt.
BASIL	Cool nights are finishing up.
BEETS	Harvesting a fair to good volume of very good quality product. Available through Thanksgiving.
CABBAGE	Harvesting a good volume of good quality product. Available thru Thanksgiving.
CILANTRO	Harvesting good quality product in fair to decreasing volume. Frost will hurt.
COLLARDS	Harvesting a good volume of good quality product. Available through Thanksgiving.
CRANBERRIES	Harvesting. Like apples, cool nights would help with color development.
CUCUMBERS	Harvesting a light to decreasing volume of very good quality cukes.
DANDELIONS	Good quality Italian bunched product available in fair to good volume.
DILL	Harvesting a fair volume of very good quality product. Frost will hurt.
EGGPLANT	Harvesting excellent quality in light to decreasing volume.
ESCAROLE & ENDIVE	Harvesting a fair to decreasing volume. Can tolerate a little frost.
KALE	Very good quality product harvesting in good volume. Available through Thanksgiving.
LEEKS	A fair volume of good quality product is available.
LETTUCES	Growers harvesting very good quality Fall lettuces in fair to declining volume though the heartier Romaine will survive a little longer than leaf lettuces. Frost will hurt
MINT	Cool nights finishing up.
PARSLEY	Harvesting a fair volume of good quality product.
PEPPERS	Harvesting excellent quality in light to decreasing volume.
PUMPKINS	Harvesting good quality due to dry growing conditions & lack of disease pressure the last two dry months. A lighter fruit set than normal due to extreme mid-Summer heat & less than ideal bee pollination. Smaller sizes due to a lack of regular precipitation/irrigation. This should result in better hardness or shelf life.
RADISHES	Harvesting very good quality product in fair to good volume.
SPINACH	A fair volume of good quality product available. Can tolerate a little frost.
SQUASH	Harvesting light quantities of good quality Summer squashes. Fair to decreasing volume of hard squashes like butternut and acorn.
SWEET CORN	A very light to decreasing volume of variable quality product available as seasonal insect pressures mount.
SWEET POTATOES	Harvesting good quality potatoes, with a cured volume available.
SWISS CHARD	Harvesting a fair to decreasing volume of good quality product.
TOMATOES	A very light to finishing volume of good quality product. Frost will hurt.
TURNIPS	Harvesting good quality in fair to decreasing volume.
WHITE POTATOES	Harvesting a good volume of mainly round white varieties, Redskin varieties, & a bit of Russets. Source your white potatoes in their distinctive "Jersey Fresh" bags.