



**Diseases, Weeds, and Insects
Attacking Vegetables;
Increased Rain Hinders Spraying**

Statewide, six days were suitable for field work, the same as in the previous week. Topsoil moisture was 7% short, 80% adequate, and 13% surplus. Subsoil moisture was 1% short, 86% adequate, and 13% surplus. Pasture and range condition was 1% poor, 6% fair, 63% good, and 30% excellent.

The state's central and southern regions received much more rain than the week before (1.36 inches versus 0.69 inches in the central region and 1.86 inches versus 0.53 inches in the southern region), while the state's northern region received a little less rain than the week before (0.99 inches versus 1.10 inches). Average temperatures were a little lower than the previous week, with highs ranging from 77 degrees in Long Branch to 86 degrees in New Brunswick and Downstown.

Vegetable growers continue to battle diseases, weeds, and insects. In Monmouth County, disease pressure is high, insect problems are increasing in sweet corn and tomatoes, and scattered heavy thunderstorms hindered field work, including spraying of crops. Cucumbers in Atlantic County are suffering disease pressure. Organic

growers in Mercer County are applying copper to crops to ward off blight infections. In Cumberland County, cucumber yields are down because of excessive rain. Two days of major rainfall saturated the ground in Salem County, but silage chopping is beginning.

Corn, soybeans, cucumbers, peppers, and eggplant are mostly in good condition. Third cutting of alfalfa and other hay is underway. Second and third vegetable plantings are in progress in Warren County. Livestock condition and milk production are reportedly good in Salem County.

**Climate Summary for the Week Ending 8/19/13
at 8 AM (Issued by Rutgers University)**

Temperatures averaged 67 degrees north, 69 degrees central, and 69 degrees south. Extremes were 86 degrees at Downstown and New Brunswick on the 13th and 48 degrees at Belvidere on the 15th. Weekly rainfall averaged 0.99 inches north, 1.36 inches central, and 1.86 inches south. The heaviest 24-hour total reported was 4.08 inches at Toms River on the 13th to 14th.

**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University - New Brunswick, NJ
8 AM EDT Tuesday, August 20, 2013**

General: The latest 8 to 14 day outlook for the period August 27th to September 2nd is calling for temperatures to average above normal and precipitation to average above normal.

Rain: None through Wednesday. There is less than a 10 percent probability of precipitation during the 12-hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rain-free period after application.

Relative Humidity in Percent: 45 to 55 today, 90 to 100 tonight, 45 to 55 Wednesday.

Dew Points: Mid 60s through Wednesday.

Frost Freeze or Dew: Moderate dew tonight, moderate dew Wednesday night.

Percent of Sunshine: 90 today, 80 Wednesday.

Drying Conditions: Fair to good today and Wednesday.

Winds for Spraying: Northwest 5 mph today, light southwest tonight, southwest 5 mph Wednesday.

Conditions for Cranberry Scald: Unfavorable today and Wednesday.

Hay Cutting: Fair to good conditions through most of the week but with scattered showers and thundershowers possible Thursday and Friday.

Weather Summary for the Week Ending Monday, August 19, 2013 at 8 AM

Weather Stations	Rainfall		Temperatures		
	Last Week	Since March 1	Max.	Min.	Avg.
		Total			
	<i>Inches</i>	<i>Inches</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>
North					
Belvidere Bridge	1.37	25.40	81	48	66
Canoe Brook	0.86	23.70	83	52	69
Charlotteburg	0.75	22.97	83	50	67
Flemington	1.20	35.71	84	49	68
Newton	0.81	13.20*	80	50	67
Central					
Freehold	1.49	23.43	83	51	67
Long Branch	4.41	34.63	77	55	67
New Brunswick	0.98	26.77	86	51	69
Toms River	1.26	21.19*	82	52	68
Trenton	1.70	26.90	83	54	69
South					
Cape May C.H.	0.19	20.83	85	54	69
Downstown	2.24	24.73	86	51	69
Hammonton	2.35	25.73	85	52	69
Pomona	1.37	23.56	84	51	68
Seabrook	1.76	30.16	84	54	70
South Harrison	3.26	27.73	85	54	70

* Some data are missing.

JERSEY FRESH AVAILABILITY FOR AUGUST 19, 2013

ARRUGULA	Harvesting a light volume of variable quality product.
BABY SPINACH & ARUGULA	Harvesting fair to good quality in fair volume.
BASIL	Likes warmer weather. Harvesting in variable quality and light volume.
BEETS	Harvesting variable quality product in fair volume.
CABBAGE	Harvesting variable quality product in fair volume.
CILANTRO	Harvesting a light volume of variable quality product.
COLLARDS	Harvesting variable quality and light volume.
CUCUMBERS	Variable quality Pickles and Cukes harvesting in very light volume.
DANDELIONS	Good quality San Pasquale variety available in fair volume.
DILL	Harvesting variable quality in very light volume.
EGGPLANT	Harvesting fair to good quality in fair to good volume.
ESCAROLE & ENDIVE	Harvesting variable quality products in very light volume.
KALE	Variable quality product harvesting in light volume.
LEEKS	Harvesting a fair volume of good quality product.
MINT	Variable quality product harvesting in fair volume.
NECTARINES	Harvesting a fair supply of excellent quality Flavortop with the more widely planted Sunglo yellow variety starting. Good sizing of 2 ½" primarily. There should start to be a good steady volume through early September.
PARSLEY	Harvesting a fair volume of variable quality curly and plain product.
PEACHES	Excellent quality Bounty & Flaming Fury variety yellow peaches harvesting in good volume. White Lady & Klondike variety white peaches in good volume. Sizing looks excellent. There should be a good steady volume expected through early September.
PEPPERS	Harvesting fair to good quality in light to fair volume.
RADISHES	Harvesting in very light volume and variable quality.
SPINACH	Harvesting in very light volume and variable quality.
SQUASH	Harvesting variable quality zucchini and yellow in fair to good volume.
SWEET CORN	Harvesting a fair volume of fair to good quality corn.
SWISS CHARD	Harvesting in light volume and variable quality.
TOMATOES	Harvesting in light volume and variable quality.
TURNIPS	Harvesting in very light volume and variable quality.