



**Agricultural Weather Advisory For New Jersey
And Southeastern Pennsylvania
Issued By Rutgers University New Brunswick, NJ
8 Am EDT Tuesday, September 8, 2009**

Rainfall amounts tenth of an inch late today, half an inch tonight, tenth of an inch early Wednesday then none later Wednesday. Winds for spraying east 5 to 10 mph today, northeast 10 to 15 mph tonight and Wednesday.

Relative humidity in percent 50 to 60 today, near 100 tonight, 50 to 60 Wednesday. Dew points near 60 through Wednesday. Drying conditions fair today, poor early Wednesday then becoming fair. No dew tonight but wetting in rain is likely, heavy dew Wednesday night. Percent of possible sunshine 20 today, 20 Wednesday.

There is a 60 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.

Conditions will be unfavorable for cranberry scald today and Wednesday. Temperatures in the representative bog will remain above freezing tonight and Wednesday night.

Hay cutting is not recommended for today with significant rain likely later today into early Wednesday.

The latest 8 to 14 day outlook for the period September 15, 2009 to September 21, 2009 is calling for temperatures to average below normal and precipitation to average near normal.

Climate summary for the week ending 8am 9/7/09

Temperatures averaged near normal, averaging 66 degrees north, 68 degrees central, and 68 degrees south. Extremes were 90 degrees at Canoe Brook on September 6, 2009 and 46 degrees at several locations on September 2, 2009.

Weekly rainfall averaged 0.00 inches north, central, and south. The heaviest 24 hour total reported was 0.01 inches at Newton on September 3, 2009 to September 4, 2009.

Estimated soil moisture, in percent of field capacity, this past week averaged 82 percent north, 75 percent central and 67 percent south. Four inch soil temperatures averaged 66 degrees north, 68 degrees central, and 70 degrees south.

Early Pumpkin Harvesting Underway

Days suitable for field work, for the week ending Sunday, September 6, 2009, were 7.0. Topsoil moisture was rated as 10 short, 85% adequate and 5 % surplus. Subsoil moisture was rated as 90% adequate and 10% surplus. There were no measurable amounts of rainfall during the week. Temperatures were variable across the Garden State. Activities during the week were planting and harvesting vegetables, re-seeding hay fields, and spraying pesticides. Corn and soybean maturation was aided by sunny conditions. Second and third hay-cuttings of alfalfa and other hay varieties continued. Early pumpkin harvest began. Orchard producers continued harvesting peaches and apples. Conditions were mostly good for grapes as harvest started in the southern district.

Weather Summary for the Week Ending Monday, September 8, 2009

Weather Stations	Rainfall			Temperatures				Growing Degree Days ¹		Soil Moisture ²
	Last Week	Since March 1		Last Week				Total	Dept.*	
		Total	Dept.*	Max.	Min.	Avg.	Dept.*			
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Base 50° F</i>	<i>Base 50° F</i>	<i>Percent</i>
North										
Belvidere Bridge	0.00	25.07	-0.28	84	47	66	0	2,340	36	67
Canoe Brook ³	0.00	27.98 ³	1.40 ³	90	50	69	3	2,473 ³	148 ³	81
Charlotteburg ³	0.00	21.06 ³	-5.78 ³	83	46	65	2	2,236 ³	388 ³	69
Flemington	0.00	30.71	5.18	83	46	66	-1	2,537	151	83
Newton ³	0.01	25.99 ³	1.21 ³	81	46	64	0	2,276 ³	177 ³	73
Central										
Freehold	0.00	26.03	1.15	85	51	67	-1	2,671	150	71
Long Branch	0.00	28.67	3.45	84	55	69	1	2,497	34	50
New Brunswick	0.00	30.64	5.46	86	50	68	-1	2,713	55	81
Toms River	0.00	26.88	1.12	84	51	67	-3	2,608	152	59
Trenton	0.00	32.70	8.84	84	53	68	-1	2,826	72	61
South										
Cape May C.H.	0.00	24.66	2.37	86	53	67	-4	2,696	242	67
Downstown	0.00	23.78	0.26	84	50	67	-3	2,817	55	50
Glassboro	0.00	31.05	6.48	85	57	70	1	2,968	228	57
Hammonton	0.00	26.26	1.69	87	52	68	-1	3,007	265	46
Pomona	0.00	29.37	6.80	87	52	68	0	2,913	356	52
Seabrook ³	0.00	23.79 ³	1.26 ³	86	54	70	0	2,541 ³	-236 ³	58
South Harrison ³	0.00	19.91 ³	-4.27 ³	84	54	69	NA	NA	NA	NA

*Departure from normal.

¹ Growing degree days since March 1, 2009, total and departure from normal or long term average.

² Estimated soil moisture as % of field capacity based on climate data.

³ Data not available for all historic comparisons.

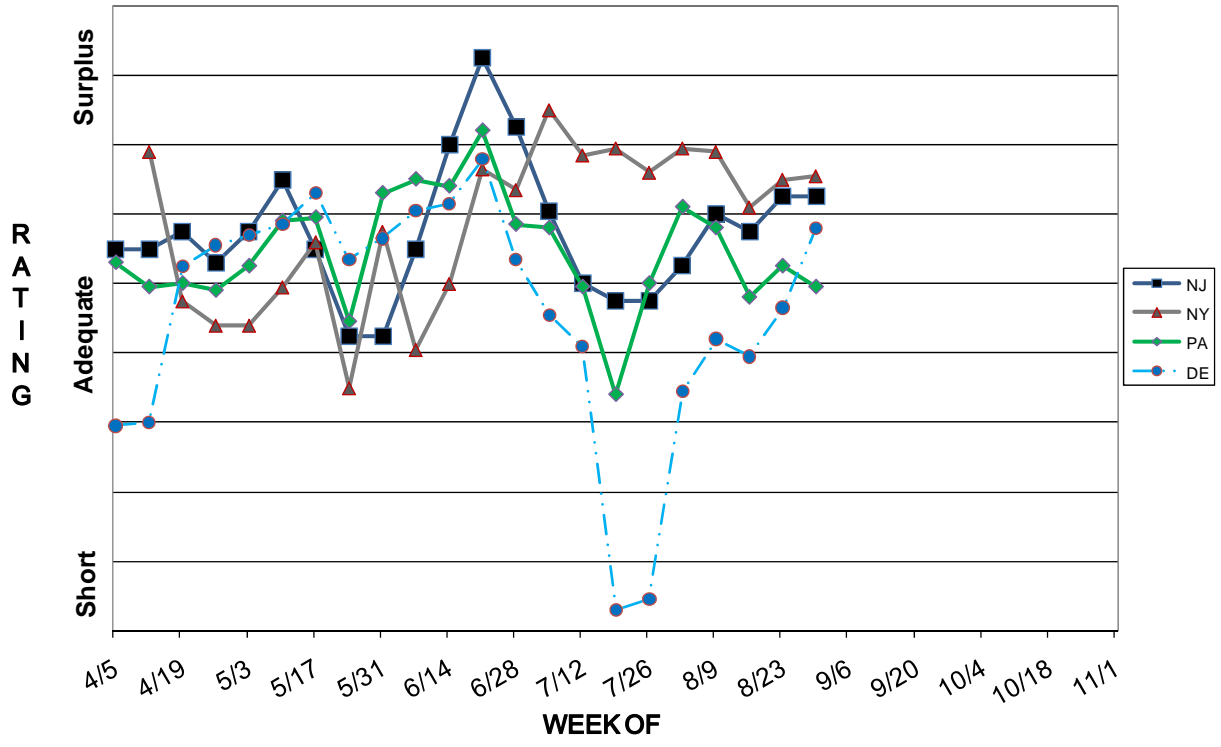
JERSEY FRESH AVAILABILITY FOR SEPTEMBER 8, 2009

APPLES	Harvesting Gala, Courtland, & Ginger Gold. Red Delicious, Empire, Jonagold, and McCoun starting next week. Fresh apples available thru Dec.
ARUGULA & CILANTRO	A very light volume of fair to good quality product due to disrupted planting schedules. Supply will ramp up in a few weeks.
BASIL & MINT	Like warmer weather. Harvesting good quality & fair to decreasing volume.
BEETS	Harvesting good quality in fair quantity.
CABBAGE	Harvesting a light volume of very good quality. Excellent sizing. Supply should start to pick up in mid-month.
COLLARDS	Harvesting good quality and quantity.
CUCUMBERS	Harvesting light quantities of good product as we're between plantings right now. Supply should start to ramp up in mid-month.
DANDELIONS	A fair to good quantity of very good quality Spring planted product.
DILL	Harvesting a light volume in fair to good quality.
EGGPLANT & PEPPERS	Harvesting good quality products in good supply.
ESCAROLE & ENDIVE	Harvesting in light to increasing volume and good quality.
KALE	A fair to good quantity of good quality product.
LEEK & GR. ONIONS	A fair volume of good quality product is available.
NECTARINES	The Fantasia variety is finishing up. Excellent size and quality.
PARSLEY	Light quantities of fair to good quality curly and plain. Supply should start to increase with the cooler temperatures.
PEACHES	Yellow Fayette, Encore, & Lauro varieties harvesting. White Lady Nancy varieties harvesting. All are in fair to decreasing volume & finishing up next week. All varieties have excellent size & quality.
SQUASH	Harvesting good quantities of very good quality product.
SWEET CORN	Harvesting a fair to decreasing quantity of good quality corn. Expect increased quality variations in the marketplace due to the annual cycle of insect pressures.
SWISS CHARD	Harvesting fair to good quality in fair to increasing volume.
TOMATOES	New fields come into production with volume returning to normal for this time of the year. Harvesting a fair quantity of fair to good quality fruit.
RADISHES & TURNIPS	Very light to increasing volume. These temperature sensitive vegetables will start to increase in supply with cooler temperatures.
WHITE POTATOES	Harvesting mainly round white varieties, with some Yukon Gold, Redskin varieties, and a bit of Russets as well.

JERSEY FRESH FORECAST

LETTUCES	Should begin harvesting about the third week of September.
SPINACH	Should begin harvesting about mid-September.
SWEET POTATOES	Should begin harvesting about the third week of September.

TOPSOIL MOISTURE



PASTURE AND RANGE CONDITION

