



Agricultural Weather Advisory For New Jersey
And Southeastern Pennsylvania
Issued By Rutgers University
New Brunswick, NJ
8 am EDT Monday, September 14, 2009

Rainfall amounts none through Tuesday. Winds for spraying northeast 5 to 10 mph today and Tuesday, light and variable tonight.

Relative humidity in percent 35 to 45 today, near 100 tonight, 35 to 45 Tuesday. Dew points upper 50s to low 60s through Tuesday. Drying conditions good today and Tuesday. Heavy dew tonight, some dew as well as possible wetting in late rain Tuesday night. Percent of possible sunshine 90 today, 80 Tuesday.

There is a near zero percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm. Rainfall could adversely affect the performance of pesticides that require a rain-free period after application.

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

Hay cutting would see good drying today and Tuesday but then with a slight chance of wetting in precipitation Tuesday night into Wednesday.

The latest 8 to 14 day outlook for the period September 21, 2009 to September 27, 2009 is calling for temperatures to average below normal and precipitation to average near normal.

Climate summary for the week ending 8am 9/14/09

Temperatures averaged near normal, averaging 64 degrees north, 67 degrees central, and 67 degrees south. Extremes were 85 degrees at Hammonton on September 14, 2009, and 52 degrees at Newton on September 12, 2009.

Weekly rainfall averaged 1.49 inches north, 1.64 inches central, and 3.64 inches south. The heaviest 24 hour total reported was 3.29 inches at Cape May Courthouse on September 11, 2009 to September 12, 2009.

Estimated soil moisture, in percent of field capacity, this past week averaged 74 percent north, 72 percent central, and 70 percent south.

Four inch soil temperatures averaged 65 degrees north, 67 degrees central, and 68 degrees south.

Grape Harvest Well Underway

Days suitable for field work, for the week ending Sunday, September 13, 2009, were 5.0. Topsoil moisture was rated as 80% adequate and 20% surplus. Subsoil moisture was rated as 85% adequate and 15% surplus. There were measurable amounts of rainfall during the week in all localities. Temperatures were variable across the Garden State. Activities during the week included harvesting corn silage, re-seeding hay fields, and repairing equipment. Early soybeans began dropping leaves. Second and third hay-cuttings continued with conditions rated mostly fair. Vegetable growers continued harvesting summer crops and planting fall crops. Disease pressure was high for tomatoes due to wet weather conditions. Producers started harvesting early grape varieties and spraying fungicide on later varieties. Crop conditions were mostly good for apples, while peaches approached full harvest.

Weather Summary for the Week Ending Monday, September 14, 2009

Weather Stations	Rainfall			Temperatures Last Week				Growing Degree Days ¹		Soil Moisture ²
	Last Week	Since March 1		Max.	Min.	Avg.	Dept.*	Total	Dept.*	
	Inches	Total	Dept.*							Inches
North										
Belvidere Bridge	2.03	27.10	0.81	81	53	64	0	2,435	18	97
Canoe Brook ³	1.07	29.05 ³	1.46 ³	82	54	66	1	2,583 ³	150 ³	79
Charlotteburg ³	1.20	22.26 ³	-5.61 ³	80	53	64	2	2,334 ³	400 ³	79
Flemington	2.12	32.83	6.39	80	54	64	-1	2,638	142	96
Newton ³	1.01	27.00 ³	1.30 ³	79	52	64	2	2,372 ³	185 ³	78
Central										
Freehold	1.84	27.87	2.14	80	56	66	0	2,781	138	97
Long Branch	1.01	29.68	3.61	82	60	67	0	2,621	36	71
New Brunswick	1.24	31.88	5.79	82	55	66	0	2,827	47	86
Toms River	2.63	29.51	2.87	81	60	67	-1	2,729	140	91
Trenton	1.48	34.18	9.47	81	56	67	-1	2,943	60	91
South										
Cape May C.H.	5.21	29.87	6.79	77	57	65	-5	2,802	206	91
Downstown	3.23	27.01	2.72	79	58	66	-2	2,930	37	95
Glassboro	2.44	33.49	8.04	80	57	67	-1	3,087	217	90
Hammonton	3.56	29.82	4.39	85	60	69	1	3,140	269	90
Pomona	4.30	33.67	10.43	81	61	68	1	3,039	360	92
Seabrook ³	3.08	26.87 ³	3.55 ³	79	58	67	-1	2,661 ³	-248 ³	90
South Harrison ³	2.84	22.75 ³	-2.24 ³	80	57	66	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.

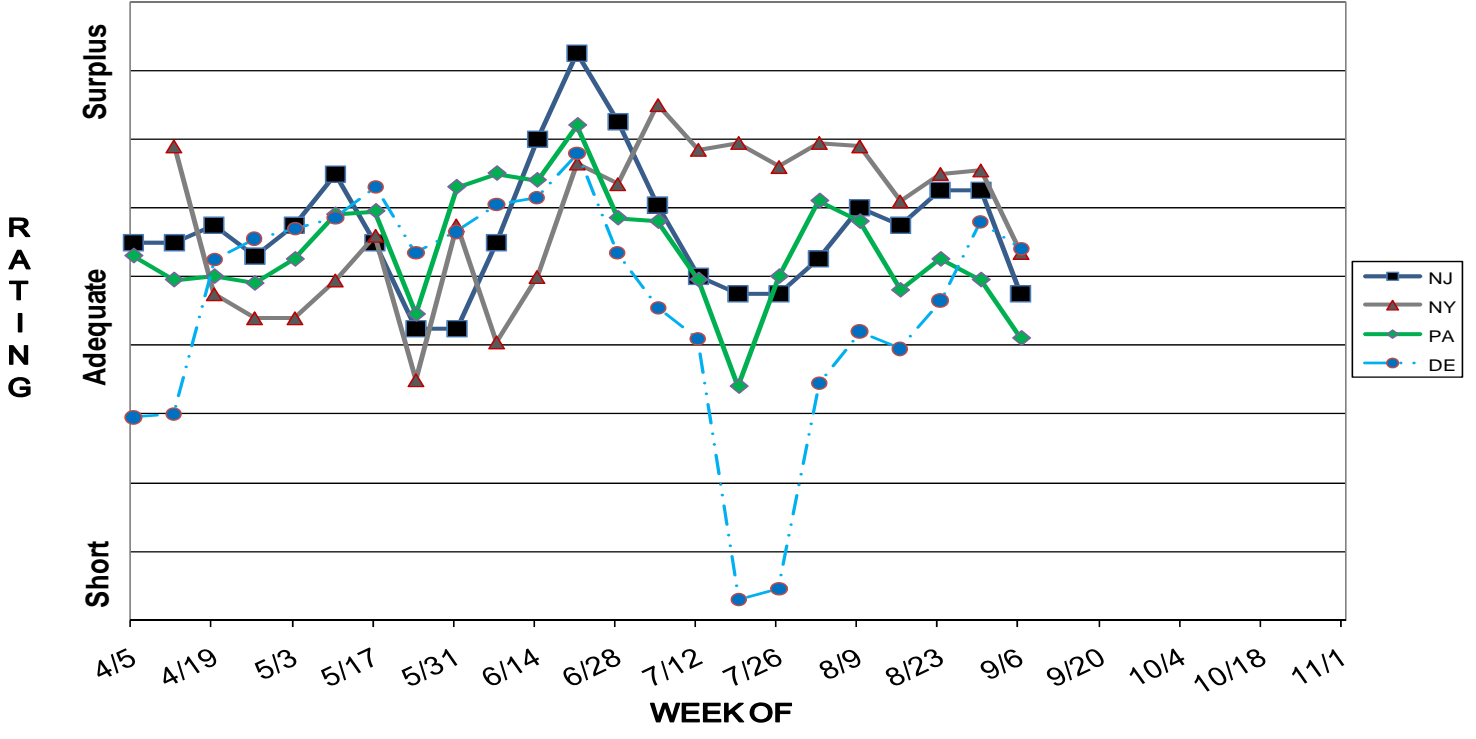
JERSEY FRESH AVAILABILITY FOR SEPTEMBER 14, 2009

APPLES	Finishing up Gala, Courtland, & Ginger Gold. Starting to harvest Red Delicious, Empire, Jonagold, and McCoun. Fresh apples available thru Dec.
ARUGULA & CILANTRO	A very light volume of fair to good quality product due to disrupted planting schedules.
BASIL & MINT	Like warmer weather. Harvesting good quality & fair to decreasing volume.
BEETS	Harvesting good quality in fair quantity.
CABBAGE	Harvesting a light to fair 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 quality cukes with a fair volume of pickles available. Field conditions have caused less supply than normal.
DANDELIONS	A fair to good quantity of very good quality product.
DILL	Harvesting a light volume in fair to good quality.
EGGPLANT & PEPPERS	Harvesting good quality products in fair supply. Supply gap due to rain curtailed harvesting.
ESCAROLE & ENDIVE	Harvesting in light to fair volume and good quality.
KALE	A fair to good quantity of good quality product.
LEEEKS & GR. ONIONS	A fair volume of good quality product is available.
NECTARINES	Finishing up. Excellent size and quality.
PARSLEY	Light to fair quantities of fair to good quality curly and plain.
PEACHES	Finishing up. Yellow Fayette, Encore, & Laurol varieties harvesting. White Lady Nancy harvesting. All varieties have excellent size & quality.
SPINACH	Harvesting good quality in very light to increasing volume.
SQUASH	Harvesting good quantities of very good quality Yellow, Green, Acorn, and Butternut.
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.
SWEET POTATOES	Just starting to harvest good quality potatoes. With curing, volume won't be available until late next week.
SWISS CHARD	Harvesting fair to good quality in fair to increasing volume.
TOMATOES	Though some new fields have come into production, harvest volume is off due to field problems and low prices. Harvesting a light 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

CRANBERRIES	The main harvest of fresh market dry harvested berries should begin by the end of the month.
LETTUCES	Should begin harvesting about the third week of the month.

TOPSOIL MOISTURE



PASTURE AND RANGE CONDITION

