



**Agricultural Weather Advisory For New Jersey
And Southeastern Pennsylvania
Issued By Rutgers University New Brunswick, NJ
8 Am EDT Monday, June 15, 2009**

Rainfall amounts one to two tenths of an inch with locally higher amounts today and tonight, none expected Tuesday. Winds from spraying southeast 5 to 10 mph through Tuesday.

Relative humidity in percent 50 to 60 today, near 100 tonight, 45 to 55 Tuesday. Dew points 55 to 60 through Tuesday. Drying conditions fair at best today with local poor areas, fair to good Tuesday. Little dew but wetting in showers is possible tonight, light dew Tuesday night. Percent of possible sunshine 10 today, 30 Tuesday.

There is a 40 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.

Overnight low temperatures in the representative cranberry bogs will remain well above freezing tonight and Tuesday night.

Four inch soil temperatures continue averaging in the mid 60s north, upper 60s central and low 70s south. Soil temperatures will hold steady over the next few days.

Hay cutting will continue to be tough this week. Scattered showers today and tonight. Tuesday and Wednesday will probably be rain free but only with fair drying conditions and then a chance of showers Wednesday night through next weekend.

The latest 8 to 14 day outlook for the period June 22, 2009 to June 28, 2009 is calling for temperatures to average near normal and precipitation to average near normal.

Climate summary for the week ending 8am 6/15/09

Temperatures averaged below normal central, and near normal north and south, averaging 67 degrees north, 67 degrees central, and 71 degrees south. Extremes were 87 degrees at Hammonton on June 13, 2009, and 53 degrees at several locations on June 15, 2009.

Weekly rainfall averaged 2.17 inches north, 1.79 inches central, and 1.33 inches south. The heaviest 24 hour total reported was 1.95 inches at Newton on June 9, 2009 to June 10, 2009.

Estimated soil moisture, in percent of field capacity, this past week averaged 97 percent north, 95 percent central and 85 percent south.

Four inch soil temperatures averaged 67 degrees north, 68 degrees central and 70 degrees south.

Rains Delay Plantings and Hay Harvesting

Days suitable for field, for the week ending Sunday, June 14, 2009, were 4.0. Topsoil moisture was rated as 60% adequate and 40% surplus. Subsoil moisture was rated as 80% adequate and 20% surplus. There were substantial amounts of rainfall for the week in all localities. Temperatures were below normal in north Jersey and variable across the rest of the Garden State. Rainy weather kept farmers out the fields throughout the week. Plantings were delayed and hay cuttings slowed due to the wet conditions. Corn and soybean emergence progressed and conditions rated mostly good. Spinach and asparagus harvesting was winding down. Potato plants were flowering. Strawberries were at mid-harvest and blueberry growers prepared for early harvest. Other activities included transplanting, spraying, and fertilizing.

Weather Summary for the Week Ending Monday, June 15, 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.*	
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>					<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>
North										
Belvidere Bridge	1.60	12.60	-0.72	85	58	68	0	658	74	97
Canoe Brook ³	2.01	11.04	-3.43	84	54	69	1	604	56	100
Charlotteburg	2.35	11.75	-2.74	80	53	65	0	586	176	100
Flemington	2.17	14.91	1.14	81	56	67	-2	745	174	98
Newton	2.70	11.01	-1.97	80	60	67	0	649	179	98
Central										
Freehold	1.68	14.96	1.34	82	54	68	-2	776	125	97
Long Branch	1.26	15.26	1.44	74	53	64	-5	631	40	91
New Brunswick	1.57	15.27	1.93	86	54	68	-2	769	76	98
Toms River	1.99	14.52	0.98	81	57	67	-1	693	104	87
Trenton	2.46	14.54	2.19	85	60	69	-2	845	108	94
South										
Cape May C.H.	1.41	14.54	2.56	82	57	68	-1	788	130	80
Downstown	0.49	11.63	-0.61	85	59	71	0	850	91	65
Glassboro	2.24	17.33	4.16	85	58	72	1	887	148	96
Hammonton	1.26	12.48	-0.34	87	59	72	1	923	193	85
Pomona	2.16	16.23	4.44	82	57	70	1	881	218	86
Seabrook	0.45	13.43	1.88	83	53	72	1	855	90	65
South Harrison ³	0.88	NA	NA	85	62	72	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.

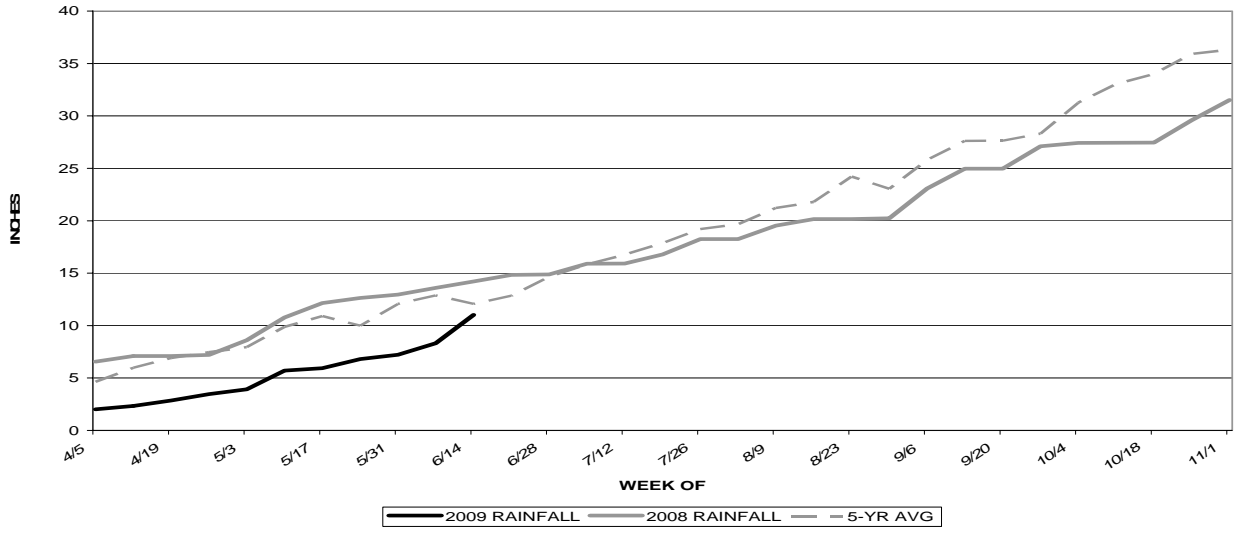
JERSEY FRESH AVAILABILITY FOR JUNE 15, 2009

ARUGULA	Harvesting light to fair quantity in fair to good quality.
ASPARAGUS	Finishing up. Harvesting a light to declining volume of very good quality product. As temperatures have risen, it has begun to “bolt”, and its color and volume have faded.
BABY SPINACH & ARUGULA	Growers have had weather interrupted planting schedules, so continue to expect supply gaps over the next month. Harvesting a light to fair quantity of arugula and good quantity of spinach, in fair to good quality.
BEETS	Harvesting good quality in fair to good volume.
CABBAGE	Harvesting fair to quickly increasing volume of very good product that’s benefited from our recent wet weather.
CILANTRO	A fair to good volume of fair to good quality Spring planted product.
COLLARDS	Harvesting fair to good quality in good quantity.
CUCUMBERS	Harvesting light to increasing quantities of tunnel grown cukes with field grown volume of better quality product expected by this weekend.
DANDELIONS	A fair to good quantity of very good quality Spring planted product.
DILL	Harvesting light to fair volume, and fair to good quality.
ESCAROLE & ENDIVE	Harvest of fair to good quality product started under row cover in fair to increasing volume though volume will vary over the next few weeks during the transition from covered to field grown product.
KALE	A fair to good quantity of good quality product.
LEEKs	A fair volume of good quality over-wintered product is available.
MINT	Good quality harvesting in good quantity.
LETTUCES	Harvesting fair to good quality Boston, Romaine, Red & Green Leaf in fair to good quantities.
PARSLEY	Fair to good quantities of fair to good quality Spring planted curly and plain products are available.
RADISHES	Harvesting good quality product in good volume.
SPINACH	A fair to good volume of fair to good quality Spring product.
STRAWBERRIES	The harvest of very good quality berries in fair to declining commercial volume, with strong “local” marketplace demand boosting prices. The bulk of the crop will be finished harvesting by the end of this week, with declining volumes for the next several weeks.
SQUASH	Harvesting fair to quickly increasing quantities of excellent quality product.
SWISS CHARD	Harvesting fair to good quality in fair to increasing volume.
TURNIPS	Harvesting good quality in fair to increasing volume.

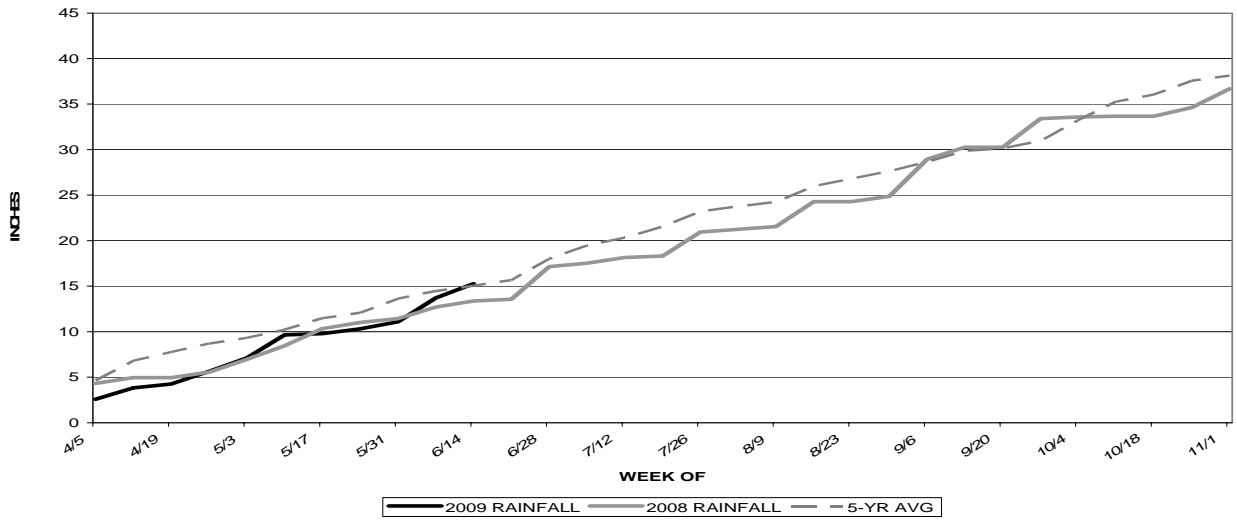
JERSEY FRESH FORECAST

BASIL	Likes warmer weather and has been growing slowly due to the cool weather we’ve been receiving. Covered product available next week with field grown volume the week after that.
BLUEBERRIES	Minor quantities of early varieties like Weymouth starting next week. Much more widely planted Duke variety starting 3-4 days later, with volume available a week after that.

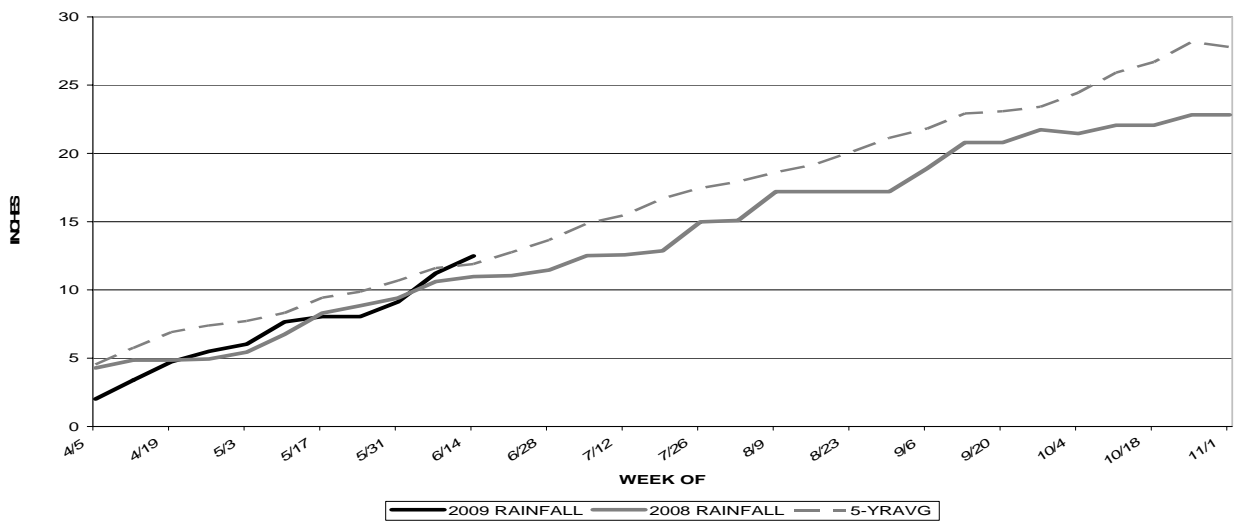
2009 TOTAL RAINFALL (NEWTON)



2009 TOTAL RAINFALL (NEW BRUNSWICK)



2009 TOTAL RAINFALL (HAMMONTON)



Source: http://www.envsci.rutgers.edu/fcst/NJ_AG.htm