



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

Rainfall amounts one to two tenths of an inch with locally higher amounts today, tonight and Tuesday. Winds for spraying, south 5 to 10 mph today, southeast 5 to 10 mph tonight, south 5 to 10 mph Tuesday.

Relative humidity in percent 40 to 50 today, 90 to 100 tonight, 40 to 50 Tuesday. Dew points 60 to 65 through Tuesday. Drying conditions fair today and Tuesday but with locally poor areas. Little dew but wetting in showers is possible tonight and Tuesday night. Percent of possible sunshine 20 today, 20 Tuesday.

There is a 50 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 above freezing tonight and Tuesday night.

Four inch soil temperatures are now 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 runs a moderate risk of wetting in showers each day for most of the week.

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

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

Temperatures averaged below normal, averaging 62 degrees north, 65 degrees central, and 65 degrees south. Extremes were 90 degrees at Pomona on June 3, 2009, and 39 degrees at Charlotteburg on June 2, 2009.

Weekly rainfall averaged 1.65 inches north, 2.19 inches central, and 2.38 inches south. The heaviest 24 hour total reported was 1.72 inches at Pomona on June 5, 2009 to June 6, 2009.

Estimated soil moisture, in percent of field capacity, this past week averaged 96 percent north, 93 percent central, and 90 percent south.

Four inch soil temperatures averaged 61 degrees north, 64 degrees central, and 65 degrees south.

**Rains Hamper Field Work**

Days suitable for field work, for the week ending Sunday, June 7, 2009, were 4.0. Topsoil moisture was rated as 5% short, 80% adequate, and 15% surplus. Subsoil moisture was rated as 95% adequate and 5% surplus. There were measurable amounts of rainfall for the week in all localities. Temperatures were below normal across the Garden State. A rainy week hampered fieldwork for farmers. Hay cuttings were delayed and harvesting slowed. Producers continued planting soybeans and corn. There were reports of various pests on field crops. Asparagus harvesting was winding down, while lettuce and spinach progressed. Other activities included spraying blueberries and grapes, transplanting vegetables, and planting grains. Pastures were green and growing with conditions rated mostly good to excellent.

**Weather Summary for the Week Ending Monday, June 8, 2009**

Weather Stations	Rainfall			Temperatures				Growing Degree Days <sup>1</sup>		Soil Moisture <sup>2</sup>
	Last Week	Since March 1		Last Week				Total	Dept.*	
		Total	Dept.*	Max.	Min.	Avg.	Dept.*			
	Inches	Inches	Inches	Degrees	Degrees	Degrees	Degrees	Base 50°F	Base 50°F	Percent
<b>North</b>										
Belvidere Bridge	1.53	11.00	-1.41	81	45	62	-4	528	64	92
Canoe Brook <sup>3</sup>	2.56	9.03	-4.56	86	40	61	-5	472	45	94
Charlotteburg	1.20	9.40	-4.11	82	39	62	-1	479	170	94
Flemington	1.87	12.74	-0.16	85	52	64	-2	622	175	95
Newton	1.09	8.31	-3.76	80	41	61	-3	525	165	94
<b>Central</b>										
Freehold	2.38	13.28	0.47	84	55	66	-2	651	131	93
Long Branch	1.93	14.00	0.91	82	50	64	-3	533	67	87
New Brunswick	2.62	13.70	1.12	84	54	66	-3	641	83	95
Toms River	1.69	12.53	-0.22	86	44	64	-1	571	98	87
Trenton	2.34	12.08	0.48	83	44	64	-5	708	103	87
<b>South</b>										
Cape May C.H.	2.27	13.13	1.88	87	48	64	-3	661	131	89
Downstown	2.26	11.14	-0.37	86	43	64	-5	700	81	89
Glassboro	2.19	15.09	2.76	84	52	68	-1	733	134	87
Hammonton	2.10	11.22	-0.78	88	45	66	-3	767	177	86
Pomona	2.60	14.07	3.02	90	43	65	-2	741	226	87
Seabrook	2.85	12.98	2.24	87	50	64	-5	699	75	88
South Harrison <sup>3</sup>	1.99	N/A	N/A	86	47	65	N/A	N/A	N/A	N/A

\* Departure from normal.

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

<sup>2</sup> Estimated soil moisture as % of field capacity based on climate data.

<sup>3</sup> Data not available for all historic comparisons.

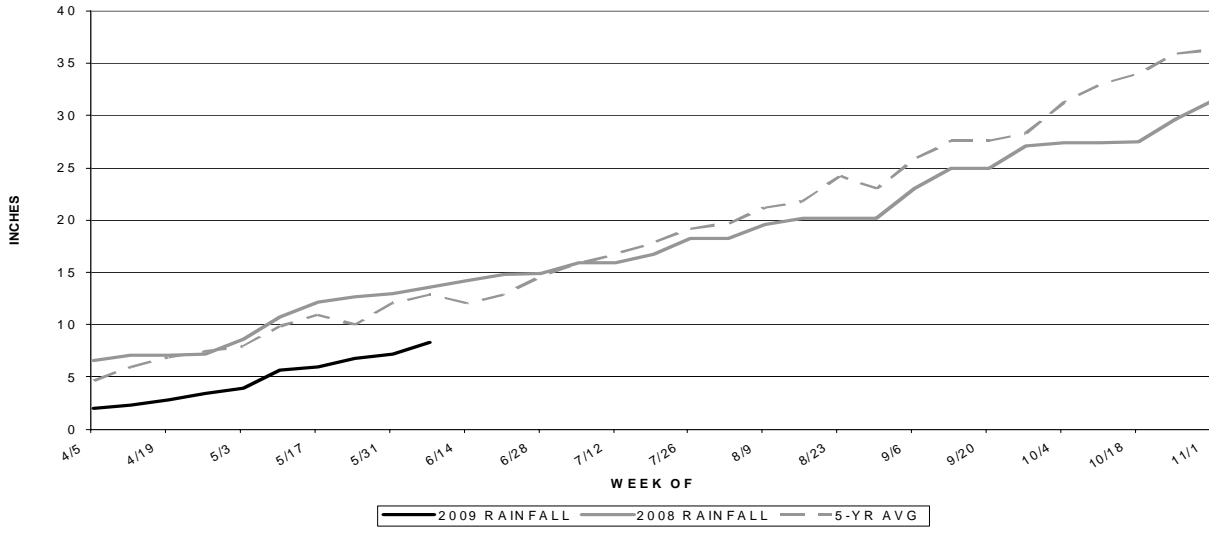
**JERSEY FRESH AVAILABILITY FOR JUNE 8, 2009**

<b>ARUGULA</b>	Harvesting light to fair quantity in fair to good quality.
<b>ASPARAGUS</b>	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.
<b>BABY SPINACH &amp; ARUGULA</b>	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.
<b>BEETS</b>	Harvesting good quality in fair to good volume.
<b>CABBAGE</b>	Harvesting fair to quickly increasing volume of very good product that’s benefited from our recent wet weather.
<b>CILANTRO</b>	A fair to good volume of fair to good quality Spring planted product.
<b>COLLARDS</b>	Harvesting fair to good quality in good quantity.
<b>CUCUMBERS</b>	Harvesting light to increasing quantities of tunnel grown cukes with field grown volume of better quality product expected by this weekend.
<b>DANDELIONS</b>	A fair to good quantity of very good quality Spring planted product.
<b>DILL</b>	Harvesting light to fair volume, and fair to good quality.
<b>ESCAROLE &amp; ENDIVE</b>	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.
<b>KALE</b>	A fair to good quantity of good quality product.
<b>LEEKs</b>	A fair volume of good quality over-wintered product is available.
<b>MINT</b>	Good quality harvesting in good quantity.
<b>LETTUCES</b>	Harvesting fair to good quality Boston, Romaine, Red & Green Leaf in fair to good quantities.
<b>PARSLEY</b>	Fair to good quantities of fair to good quality Spring planted curly and plain products are available.
<b>RADISHES</b>	Harvesting good quality product in good volume.
<b>SPINACH</b>	A fair to good volume of fair to good quality Spring product.
<b>STRAWBERRIES</b>	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.
<b>SQUASH</b>	Harvesting fair to quickly increasing quantities of excellent quality product.
<b>SWISS CHARD</b>	Harvesting fair to good quality in fair to increasing volume.
<b>TURNIPS</b>	Harvesting good quality in fair to increasing volume.

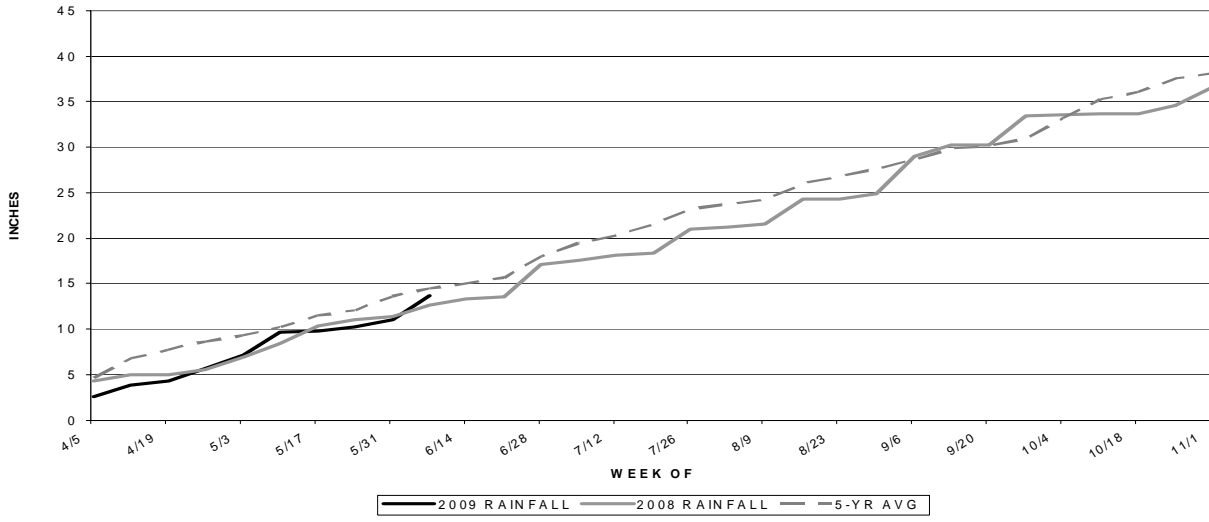
**JERSEY FRESH FORECAST**

<b>BASIL</b>	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.
<b>BLUEBERRIES</b>	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.

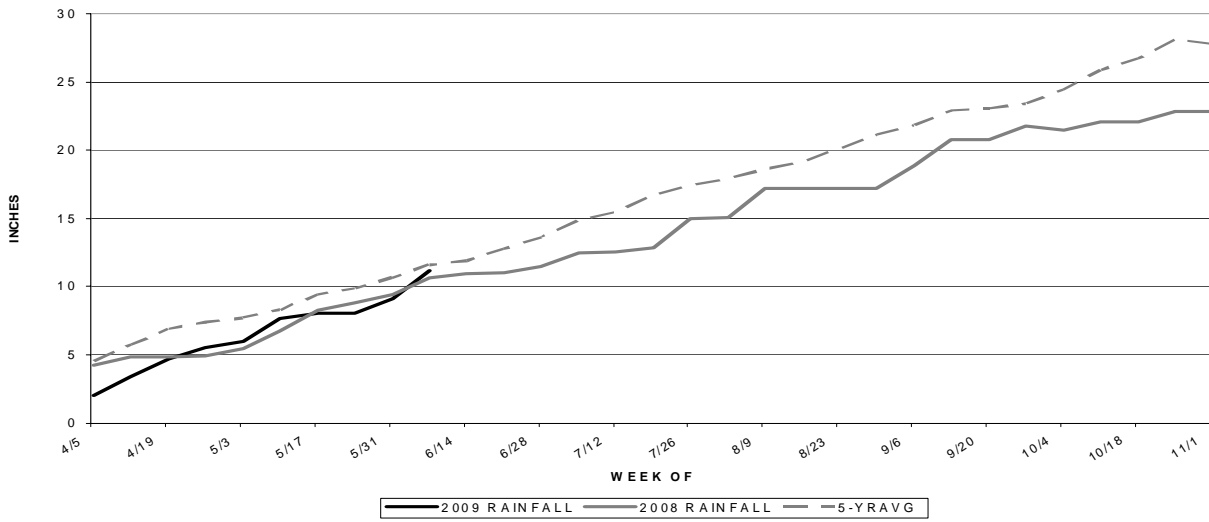
2009 TOTAL RAINFALL (NEWTON)



2009 TOTAL RAINFALL (NEW BRUNSWICK)



2009 TOTAL RAINFALL (HAMMONTON)



Source: [http://www.envsci.rutgers.edu/fcst/NJ\\_AG.htm](http://www.envsci.rutgers.edu/fcst/NJ_AG.htm)