



**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University New Brunswick NJ
8 am EDT Monday, April 23, 2007**

**NEW JERSEY
WEEKLY CROP WEATHER**

New Jersey Field Office

In Cooperation With:
U.S. Department of Agriculture
National Agricultural Statistics Service
Agricultural Marketing Service
U.S. Department of Commerce/N.O.A.A.
Rutgers University

NOAA WEATHER RADIO STATIONS

Allentown
 WXL-39 on the VHF-FM
 frequency of 162.40 Megahertz.
Atlantic City
 KHB-38 on the VHF-FM
 frequency of 162.40 Megahertz.
New York City
 KWO-35 on the VHF-FM
 frequency of 160.55 Megahertz.
Philadelphia
 KIH-28 on the VHF-FM
 frequency of 162.475 Megahertz.

NEW JERSEY AUCTIONS

Vineland
 Phone: (856)691-0721
 Sales 10:00AM Daily except Sunday.
Landisville
 Phone: (856)697-2273
 Direct Sales Daily
Swedesboro
 Phone: (856)476-0313
Hightstown
 Phone: (609)448-0193
 Auction Sales Mon-Wed-Fri-7pm

Rainfall amounts, none through Tuesday.

Winds for spraying, southwest 10 to 20 mph by this afternoon, southwest 5 mph tonight, southwest then northwest 10 to 15 mph Tuesday.

Relative humidity in percent, 35 to 45 today, 90 to 100 tonight, 40 to 50 Tuesday.

Dew points, rising through the 40s today, low to mid 50s tonight and Tuesday.

Drying conditions, very good today, good Tuesday.

Frost freeze or dew, light dew tonight and Tuesday night.

Percent of possible sunshine, 90 today, 70 Tuesday.

There is a near zero 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.

Soils moisture will continue to improve with warm and dry conditions lasting through Tuesday.

Temperatures in the representative cranberry bogs should remain above freezing tonight and Tuesday night.

Early season hay cutting will continue to see very good drying conditions through Tuesday then with a chance of scattered showers on Wednesday.

The latest 8 to 14 day outlook for the period April 30, 2007, through May 6, 2007, is calling for temperatures to average near normal and precipitation to total below normal.

Climate summary for the week ending 8am 4/23/07

Temperatures averaged much below normal South, and below normal Central and North. Averaging 50 degrees North, 51 degrees Central, and 50 degrees South.

Extremes were 82 degrees at Seabrook on April 23, 2007, and 32 degrees at Downstown, Hammonton, and Pomona on April 22, 2007.

Weekly rainfall averaged 0.44 inches North, 0.56 inches Central, and 0.82 inches South. The heaviest 24 hour total reported was 1.50 inches at South Harrison on April 16, 2007 through April 17, 2007.

Estimated soil moisture, in percent of field capacity, this past week averaged 98 percent North, 96 percent Central, and 95 percent South. Four inch soil temperatures averaged 50 degrees North, 51 degrees Central, and 50 degrees South.

Weather Summary for the Week Ending 8 am Monday, April 23, 2007

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.*			
- Inches -			- Degrees				- Base 50F -			
NORTH										
Canoe Brook	.48	15.07	7.45	80	34	51	-1	57	52	94
Charlotteburg	.52	12.47	5.04	78	34	50	0	46	46	94
Flemington	.25	14.58	7.30	82	34	51	-1	58	51	93
Newton	.51	9.21	2.63	78	34	49	-1	37	37	94
CENTRAL										
Freehold	.60	11.74	4.47	76	35	51	-2	88	70	93
Long Branch	.20	11.24	3.71	73	37	51	-2	53	41	84
New Brunswick	.49	15.14	8.21	78	35	51	-4	68	39	94
Toms River	.58	10.17	2.86	77	33	51	-2	85	72	85
Trenton	.93	12.30	5.71	80	36	52	-3	86	46	85
SOUTH										
Cape May C.H.	.72	6.73	.33	75	34	48	-6	67	36	89
Downstown	1.19	11.59	4.99	81	32	49	-6	100	57	87
Glassboro	1.02	9.66	2.72	81	36	52	-3	119	79	83
Hammonton	1.34	10.71	3.98	81	32	50	-5	103	66	85
Pomona	.54	8.79	2.30	79	32	50	-4	90	68	85
Seabrook	.14	10.84	4.99	82	34	51	-4	124	79	88
South Harrison	1.53	12.25	5.77	79	33	51	NA	108	NA	NA

*Departure from normal.
 1/Growing degree days since March 1, 2007, total and departure from normal or long term average.
 2/Estimated soil moisture as % of field capacity based on climate data.

Soggy Field Conditions

Days suitable for field work, for the week ending Sunday, April 22, 2007, were 2.5. Topsoil moisture was rated 20% adequate and 80% surplus. Irrigation water supply was rated 80% adequate and 20% surplus. There were measurable amounts of rainfall during the week in most localities. Temperatures were below normal the start of the week, and rose to above normal the end of the week, across the Garden State. Apple, blueberry, and peach growers experienced minor damages from last week's snow and freezing rain. Cranberries were still under water. There was a report of rust mites on other hay. Excess topsoil moisture prevented most fieldwork. Producers continued greenhouse work, top dressing fertilizer, spraying, and pumping water off fields.

Jersey Fresh Availability For April 23, 2007

Arugula	Good quality starting to be harvested in minimal volume. Volume should pick up over the next several weeks.
Asparagus	The harvest is beginning in the next few days in very light volume. Volume should begin in a week to ten days.
Cilantro	A light volume of good quality over-wintered product will become available later this week and for at least 2-3 more weeks after that. Spring planted should be available by about the third week of May.
Dandelions	Good quality over-wintered bunched product is available now and for some time. Spring planted should be available by mid-May.
Kale	Good quality over-wintered product starting later on this week in light volume. Volume should pick up each week after that.
Leeks	A light volume of fair quality over-wintered product is available now and for some time.
Radishes	Harvest starting in light volume. Volume should pick up over the next several weeks.
Spinach	A small volume of excellent quality over-wintered product is becoming available later this week and for several weeks. Spring planted should be available by the end of May.

Jersey Fresh Forecast

Beets	Late transplanting due to cold Spring. Harvest should begin in mid-June.
Cabbage	Late transplanting due to cold Spring. Won't be ready until late June.
Collards	Should begin harvesting around the end of May.
Dill	Should begin harvesting around the end of May.
Escarole & Endive	Late transplanting due to cold Spring. Should begin harvesting in mid-June.
Lettuce	Should begin harvesting Boston & Red & Green Leaf in mid to third week of May, followed by Romaine a week later.
Parsley	Over-wintered product will be available in ten days to two weeks.
Strawberries	Early harvests of Chandler variety berries are expected to begin in mid-May, while the bulk of the crop will be harvested towards the end of May, with lower volumes to continue through the first week of June.
Turnips	Should begin harvesting around the end of May.