Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University New Brunswick NJ
8 am EDT Monday, May 22, 2006

Rainfall amounts none through Tuesday.
Winds for spraying northwest 10 to 20 mph today, northwest 10 to 15 mph tonight, northwest 10 to 20 mph Tuesday.
Relative humidity in percent 30 to 40 today, 85 to 95 tonight, 30 to 40 Tuesday.
Dew points 35 to 40 through Tuesday.
Drying conditions very good today, very good Tuesday.

Frost freeze or dew light dew with scattered inland frost in the north and even some isolated frost in the most sensitive inland areas south tonight and again Tuesday night.
Percent of possible sunshine 70 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 rainfree period after application.

Temperatures in the representative cranberry bogs could fall to 23 to 37 if winds diminish tonight and 24 to 28 Tuesday night.
Plowing and planting should increase this week with drier conditions and little threat of rain before Thursday night or Friday.
Hay cutting recommended for today with good drying through Thursday and then a slight chance of showers Thursday night or Friday.

The latest 8 to 14 day outlook for the period May 29, 2006 to June 4, 2006 is calling for temperatures to average above normal and precipitation to total below normal.

Climate summary for the week ending 8 am May 22, 2006

Temperatures averaged much below normal, averaging 57 degrees north, 59 degrees central, and 60 degrees south. Extremes were 78 degrees at Freehold on May 19, 2006 and 40 degrees at Flemington on May 21, 2006.
Weekly rainfall averaged 1.74 inches north, 1.65 inches central, and 1.24 inches south. The heaviest 24 hour total reported was 1.17 inches at Hammonton on May 15, 2006 to May 16, 2006.

Estimated soil moisture, in percent of field capacity, this past week averaged 99 percent north, 98 percent central, and 94 percent south.
Four inch soil temperatures averaged 59 degrees north, 60 degrees central, and 61 degrees south.

Weather Summary for the Week Ending 8 am Monday, May 22, 2006

<table>
<thead>
<tr>
<th>Weather Stations</th>
<th>Rainfall Last Week Total Inches</th>
<th>Growing Degree Days Since March 1 Total Dept.</th>
<th>Temperatures Last Week Max. Degrees</th>
<th>Soil Moisture 2/</th>
<th>Growing Degree Days 1/</th>
<th>Soil Moisture 2/</th>
<th>Temperature Growing Degree Days % of Normal</th>
<th>Soil Moisture % of Normal</th>
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1/Growing degree days since March 1, 2006, total and departure from normal or long term average.
2/Estimated soil moisture as % of field capacity based on climate data.
Rainfall Improved Topsoil Supply

Days suitable for field work, the week ending Sunday, May 21, 2006, were 5.0. Topsoil moisture was rated 3% short, 95% adequate and 2% surplus. Temperatures averaged much below normal across the state for the week. There were measurable amounts of precipitation in most localities for the week, with over 1.00 inch of rainfall reported at Hammonton on May 15, 2006 to May 16, 2006. Agricultural producers continued planting, greenhouse work, transplanting vegetable crops, topdressing fertilizer, spraying herbicides, and hand thinning on fruit. Field corn continued to emerge across the state. Soybeans began to emerge in many localities. Harvest of hay continued statewide. Barley and wheat were mostly headed in the south. Harvest of asparagus, lettuce, and herbs continued in the south. Cucumbers began to emerge in the central district. There was a report of some apple scab in southern orchards. Bees were pulsed in blueberry beds in the south. Picking of the Chandler variety of strawberries was winding down in the central district. Pasture was rated in fair to good condition.

JERSEY FRESH AVAILABILITY FOR MAY 22, 2006

Arugula & Kale - Good quality products are being harvested in good volume.

Asparagus - Very good quality product is available in good quantity.

Beets - A good volume of good quality product is available.

Cilantro/Dill/Parsley - A good volume of very good quality Spring planted product is now harvesting.

Collards - Harvesting good quantities of very good quality product.

Escarole & Endive - Harvesting a good quantity of good quality product.

Leeks - A light volume of over-wintered product is available now and for some time. Transplanted product should be available by mid to third week of June. Spring planted due in July.

Lettuce - All very good quality. Harvesting good quantities of Boston, Red and Green Leaf and Romaine. Look for iceberg at the end of the month or beginning of June.

Radishes - Harvesting good quantities of good quality product.

Spinach - Good volume of great quality Spring planted is now being harvested.

Strawberries - The majority of our great quality berries will be harvested the next two weeks, with lower volumes to continue through the first week of June. Our Chandler variety berries are picked when ripe and have more red interior color than white. They’re grown in raised beds, under black plastic, with a large berry size and excellent taste.

Swiss Chard - A fair volume of great quality Spring planted product is available.

JERSEY FRESH FORECAST

Basil - Should start harvesting at the end of the month or early June.

Blueberries - Minor quantities of early varieties like Weymouth starting around mid-June. Much more widely planted Duke variety starting 3-4 days later with volume available a week after that.

Cabbage - Should start harvesting near the end of the month.

Cucumbers - Harvesting tunnel grown by next week. Field grown will be available two weeks later.

Squash - Should begin harvesting minor quantities of Yellow and Zucchini grown in tunnels by next week. Field grown will be available two weeks later.

Turnips - Should begin harvesting in a week or two.