Weather Advisory For New Jersey
And Southeastern Pennsylvania
Issued By Rutgers University New Brunswick, NJ
8 am EDT Mon Apr 7, 2008

Rainfall amounts none through Tuesday.

Winds for spraying east northeast 10 to 15 mph through Tuesday.

Relative humidity in percent 70 to 80 today, 90 to 100 tonight, 50 to 60 Tuesday. Dew points generally in the mid to upper 30s through Tuesday. Drying conditions fair at best today, fair Tuesday. Frost freeze or dew none expected tonight and Tuesday night. Percent of possible sunshine less than 10 today, 30 Tuesday.

There is a 10 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.

Temperatures during the winter averaged above normal but enough chilling units occurred in order to prevent any problem in peaches. With above normal temperatures during the winter the over wintering of many pests is likely to be high and therefore the pressure from their associated diseases is expected to be high.

Soil moisture levels are high but should improve somewhat over the next few days with little expected rainfall. Temperatures in the representative cranberry bogs should remain above freezing tonight but could drop below freezing Tuesday night.

Early season hay cutting will be slow for the next several days with only fair drying conditions.

The latest 8 to 14 day outlook for the period April 14, 2008 to April 20, 2008 is calling for temperatures to average below normal and precipitation to below normal.

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Growing degree days since March 1, 2008, total and departure from normal or long term average.

* Departure from normal.

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Peach Tree in Bloom

Days suitable for field work, for the week ending Sunday, April 6, 2008, were 5.0. Topsoil moisture was rated 65% adequate and 35% surplus. Subsoil moisture was rated as 80% adequate and 20% surplus. There were measurable amounts of rainfall for the week in most localities. Temperatures were variable during the week in most areas of the Garden State. Peaches are in full bloom in the southern district. Blueberries are being sprayed for mummy fungus, while grapes have finished pruning in parts of the south. Other activities included greenhouse work, spraying, fertilizing and ground preparation.