Hay Cuttings were Delayed Due to Frequent and Heavy Rain

For the week ending Sunday, September 9, 2012, there were 5 days suitable for field work. Topsoil moisture was rated at 5% short, 85% adequate, and 10% surplus. Subsoil moisture was rated at 5% short, 90% adequate, and 5% surplus. Pasture and range condition was rated at 5% poor, 25% fair, 60% good, and 10% excellent. Temperatures reached highs in the low 90s and lows in the low 50s across the Garden State.

Hay cuttings were delayed due to frequent and heavy rain. Alfalfa hay third cuttings continued. Soybeans are dropping leaves. Corn was being chopped for silage. Harvesting vegetables continued. Tomato and pepper diseases were reported. Ear worms increased in sweet corn. Milk production was average and livestock condition was good. Horses were checked for West Nile disease. Other activities included equipment maintenance, some early corn beginning to be combined, hay work, and spraying for insects.

NASS is currently conducting our annual September surveys on crops and livestock. We are also asking hog producers about their summer pig crop, next year’s farrowing intentions, and current inventory. The responses will provide the foundation for 2012 production estimates. All participating farmers should respond. Your information matters!

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued By Rutgers University- New Brunswick, NJ
8 am EDT Monday, September 10, 2012

Rainfall amounts none through Tuesday. Winds for spraying north 10 to 15 mph today. North 5 to 10 mph tonight, variable 5 mph Tuesday.

Relative humidity in percent 25 to 35 today, 90 to 100 tonight, 25 to 35 Tuesday. Dew points upper 40s today, low to mid 40s tonight and Tuesday. Drying conditions very good today and Tuesday. Heavy dew tonight and Tuesday night. Percent of possible sunshine 90 today, 90 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. Hay cutting will be very good for this period in the season through most of the week. Conditions might be favorable for cranberry today and Tuesday. Temperatures in the bogs could fall to 29 to 33 tonight and 28 to 32 Tuesday night. This should aid in coloration of the berries. Growing degree day totals base 50 continue to run well ahead of normal.

The latest 8 to 14 day outlook for the period September 17, 2012 to September 23, 2012 is calling for temperatures to average below normal and precipitation to average near normal.

Weather Summary for the Week Ending Monday, September 10, 2012

<table>
<thead>
<tr>
<th>Weather Stations</th>
<th>Rainfall Since March 1</th>
<th>Temperatures Last Week</th>
<th>Growing Degree Days</th>
<th>Soil Moisture 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Last Week</td>
<td>Max.</td>
<td>Min.</td>
<td>Avg.</td>
</tr>
<tr>
<td></td>
<td>Inches</td>
<td>Degrees</td>
<td>Degrees</td>
<td>Degrees</td>
</tr>
<tr>
<td>North</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Belvidere Bridge</td>
<td>2.85</td>
<td>27.04</td>
<td>1.29</td>
<td>88</td>
</tr>
<tr>
<td>Canoe Brook</td>
<td>1.61</td>
<td>21.63</td>
<td>-5.38</td>
<td>89</td>
</tr>
<tr>
<td>Charlotte</td>
<td>2.03</td>
<td>19.45</td>
<td>-7.83</td>
<td>89</td>
</tr>
<tr>
<td>Flemington</td>
<td>1.57</td>
<td>25.44</td>
<td>-0.48</td>
<td>89</td>
</tr>
<tr>
<td>Newton</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Central</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Freehold</td>
<td>0.84</td>
<td>23.90</td>
<td>-1.34</td>
<td>89</td>
</tr>
<tr>
<td>Long Branch</td>
<td>4.00</td>
<td>31.02</td>
<td>5.43</td>
<td>85</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>0.83</td>
<td>22.95</td>
<td>-2.62</td>
<td>90</td>
</tr>
<tr>
<td>Toms River</td>
<td>6.34</td>
<td>25.34</td>
<td>-0.80</td>
<td>88</td>
</tr>
<tr>
<td>Trenton</td>
<td>1.35</td>
<td>22.04</td>
<td>-2.19</td>
<td>87</td>
</tr>
<tr>
<td>South</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cape May C.H.</td>
<td>1.24</td>
<td>22.54</td>
<td>-0.09</td>
<td>84</td>
</tr>
<tr>
<td>Downtown</td>
<td>1.38</td>
<td>18.76</td>
<td>-5.07</td>
<td>89</td>
</tr>
<tr>
<td>Hammonton</td>
<td>1.98</td>
<td>23.30</td>
<td>-1.64</td>
<td>89</td>
</tr>
<tr>
<td>Pomona</td>
<td>2.90</td>
<td>26.80</td>
<td>3.95</td>
<td>87</td>
</tr>
<tr>
<td>Seabrook</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>South Harrison</td>
<td>0.69</td>
<td>16.15</td>
<td>-7.56</td>
<td>91</td>
</tr>
</tbody>
</table>

1 Growing degree days since March 1, 2012, 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.
### APPLES
The harvest of Gala, McIntosh, Courtland, Honeycrisp, Early Fuji, & Ginger Gold winding down. Red Delicious, Empire, Jonagold, and MacCoun harvesting. Golden Delicious & Rome starting next. Cool nights would help in the development of color in many varieties. A late April frost has had spotty and erratic effects upon the volume & quality of product available this year from the entire region. Expect volume to be off somewhat this Fall. Cider apples and availability to be similarly off. Harvesting good quality in fair to increasing quantity as supply ramps up with a flush of Fall product.

### ARUGULA
Harvesting good quality in fair to good quantity.

### BABY SPINACH & ARUGULA
Harvesting very good quality in fair to increasing quantity as supply ramps up with a flush of Fall product.

### BASIL
Harvesting very good quality in fair volume.

### BEETS
Harvesting good quality product in light to increasing volume.

### CABBAGE
Harvesting good quality product in light to increasing volume.

### CILANTRO
A fair volume of good quality harvesting as supply ramps up a bit over the next several weeks with a flush of Fall product.

### COLLARDS/KALE
A fair to increasing volume of good quality products harvesting.

### CUCUMBERS
Good quality Pickles & Cukes harvesting in light to fair volume with supply ramping up a bit with a flush of Fall product.

### DANDELIONS
Good quality bunched Spring planted Italian and San Pasquale varieties both harvesting in fair quantity.

### DILL
Harvesting very good quality in light to fair volume.

### EGGPLANT
Harvesting very good quality product in very good supply.

### ESCAROLE & ENDIVE
Harvesting good quality products in light to increasing volume with the return of cooler weather. More volume in ten days or so.

### LEeks
A fair volume of good quality harvesting.

### MINT
Harvesting a fair volume of excellent quality product.

### NECTARINES
Finishing up.

### PARsLEY
Harvesting a light to increasing volume of good quality curly and plain.

### PEACHES
Harvesting a finishing supply of excellent quality late varieties, Brix levels are high due to our early hot and dry weather, so sweetness is ensured. Sizing and color are still good.

### PEPPERS
Harvesting a good supply of good quality product. Hot peppers in rare quality due to great growing conditions.

### RADISHES & TURNIPS
Harvesting good quality product in light to increasing volume as supply is ramping up a bit with the return of cooler weather.

### SPINACH
A light to increasing volume of good quality product harvesting as supply will ramp up with a flush of Fall product in about ten days.

### SQUASH
Very good quality green, yellow, acorn, butternut, & spaghetti squash harvesting in fair volume.

### SWEET CORN
Light to decreasing volume of good quality corn.

### SWEET POTaTOES
Harvesting and curing now. Volume will start to become available soon.

### SWISS CHARD
Harvesting a light to fair & increasing volume of very good quality product as supply is ramping up a bit with a flush of Fall product.

### TOMATOES
Harvesting fair quality in light to decreasing volume.

### JERSEY FRESH FORECAST

#### LETTUCES
Growers should start harvesting their Fall crops in ten days or so, a little later than normal, because the mid-Summer heat discouraged early planting.