GENERAL CONDITIONS: For the week ending June 26, 2005, there were 6.6 days suitable for field work. Topsoil moisture was rated 3% very short, 8% short, 65% adequate, and 24% surplus. Subsoil moisture was rated 3% very short, 6% short, 66% adequate, and 25% surplus. Pasture condition was rated 2% very poor, 1% poor, 11% fair, 59% good, and 27% excellent. The week began with normal temperatures with a mixture of sun and clouds. On Wednesday, throughout the region, cool, light rain arrived with scattered thunder and lightning storms. By week’s end, conditions began to warm up with near record high temperatures for the weekend. A strong Bermuda high pressure brought hot and humid air mass into the region. Throughout New England, temperatures were in the 90s on Saturday and Sunday with heat indices around 100 degrees on Saturday. Major farm activities included baling hay, chopping grass silage, finishing planting, and tilling fields, spreading manure and fertilizer on fields, spraying herbicides and fungicides, cultivating weeds, scouting for pests, applying pesticides and herbicides to fruit trees and berries, mowing orchards, removing bees from blueberry fields, harvesting strawberries, brush cutting, planting sweet corn and vegetables, and harvesting lettuce, summer squash, radishes and zucchini.

FRUIT: Strawberry harvest began behind schedule but berries are ripening fast with the warm, sunny days; conditions varied throughout the region, good to very poor in Massachusetts, good to fair in Connecticut and good to excellent elsewhere. Blueberry growers removed bees from fields as bloom finished and applied fertilizer. Cranberry growers applied fungicides as berries begin to set on warmer beds. Apple growers continued to find trees damaged from the May 13th frost in the southern region on New England. Also, some growers reported scabbing on apple trees from the wet, cold spring. Fruit growers continued to apply fungicides, insecticides, and pesticides to fruit trees and berries, mowing orchards, removing bees from blueberry fields, harvesting strawberries, brush cutting, planting sweet corn and vegetables, and harvesting lettuce, summer squash, radishes and zucchini.

VEGETABLES: The week’s condition allowed vegetable growers to finish planting crops though sweet corn planting should finish shortly. Growers were busy fertilizing, cultivating, spraying pesticides to fields and weeding. The hot, humid weekend enhanced vegetable growth to catch up with the cool, wet spring delay. Growers harvested lettuce, summer squash, radishes and zucchini. Producers continued to scout for European corn borer, cabbage root maggot, cabbageworm, flea beetles and cucumber beetles. Greenhouse sales continued to prosper as the transition from bedding plants to woody ornamentals and perennial sales. Botrytis and other diseases were spotted in nursery crops and perennials.

FIELD CROPS: Farmers took advantage of the sunshine. First cutting of hay harvest continued on schedule as farmer’s baled hay while there was sunshine. Hay condition was rated good to fair though some grass over mature. Some second cut haylage harvested in southern New England, but re-growth of grass limited due to a lack of rainfall. Field corn planting almost complete at week’s end. Warm, humid conditions enhanced corn growth and emergence. Some parts of southern New England, limited rainfall has caused concern of drought stress. Maine potato completed planting at week’s end but behind normal. Potato growers in Aroostook County Maine, spotted Colorado potato beetles and European corn borer moths. Growers with unprotected potatoes were advised to scout fields. The frequency of application is more critical than the rate or material, which is a low to mid rate of a protectant. Broadleaf tobacco should finish planting by week’s end, with only five percent left to plant. Shade tobacco plants have been tied.

SOIL MOISTURE ACROSS NEW ENGLAND

<table>
<thead>
<tr>
<th>Soil Rating</th>
<th>This Week</th>
<th>Last Week</th>
<th>Last Year</th>
<th>-- Percent --</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topsoil</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Very Short</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Short</td>
<td>8</td>
<td>4</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>Adequate</td>
<td>65</td>
<td>55</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>Surplus</td>
<td>24</td>
<td>38</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Subsoil</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Very Short</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Short</td>
<td>6</td>
<td>5</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Adequate</td>
<td>66</td>
<td>58</td>
<td>78</td>
<td></td>
</tr>
<tr>
<td>Surplus</td>
<td>25</td>
<td>34</td>
<td>7</td>
<td></td>
</tr>
</tbody>
</table>

FIELD CROP DEVELOPMENT ACROSS NEW ENGLAND

<table>
<thead>
<tr>
<th>Crop</th>
<th>2005</th>
<th>2004</th>
<th>5-yr Avg</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barley, ME</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>Good/Excellent</td>
</tr>
<tr>
<td>Oats, ME</td>
<td>95</td>
<td>100</td>
<td>100</td>
<td>Good/Excellent</td>
</tr>
<tr>
<td>Potatoes</td>
<td>85</td>
<td>85</td>
<td>90</td>
<td>Excellent/Fair</td>
</tr>
<tr>
<td>Mass.</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>Good</td>
</tr>
<tr>
<td>Rhode Isl.</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>Good</td>
</tr>
<tr>
<td>Silage Corn</td>
<td>90</td>
<td>90</td>
<td>85</td>
<td>Good/Excellent</td>
</tr>
<tr>
<td>Sweet Corn</td>
<td>80</td>
<td>90</td>
<td>80</td>
<td>Good/Excellent</td>
</tr>
<tr>
<td>Barley, ME</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>Good/Excellent</td>
</tr>
<tr>
<td>Oats, ME</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>Good/Excellent</td>
</tr>
<tr>
<td>Potatoes, ME</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>Excellent/Fair</td>
</tr>
<tr>
<td>Silage Corn</td>
<td>99</td>
<td>99</td>
<td>95</td>
<td>Good/Excellent</td>
</tr>
<tr>
<td>Sweet Corn</td>
<td>90</td>
<td>95</td>
<td>90</td>
<td>Good/Excellent</td>
</tr>
<tr>
<td>Tobacco</td>
<td>95</td>
<td>95</td>
<td>90</td>
<td>Good</td>
</tr>
<tr>
<td>Broadleaf</td>
<td></td>
<td></td>
<td></td>
<td>-- Percent Harvested --</td>
</tr>
<tr>
<td>Dry hay, 1st cut</td>
<td>60</td>
<td>70</td>
<td>60</td>
<td>Good/Fair</td>
</tr>
</tbody>
</table>
### State Weather Summary

#### For the Week Ending Sunday, June 26, 2005

<table>
<thead>
<tr>
<th>State</th>
<th>Air Temperatures</th>
<th>Precipitation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>L</td>
<td>HI</td>
</tr>
<tr>
<td>ME</td>
<td>35</td>
<td>96</td>
</tr>
<tr>
<td>NH</td>
<td>32</td>
<td>99</td>
</tr>
<tr>
<td>VT</td>
<td>35</td>
<td>96</td>
</tr>
<tr>
<td>MA</td>
<td>39</td>
<td>95</td>
</tr>
<tr>
<td>RI</td>
<td>47</td>
<td>93</td>
</tr>
<tr>
<td>CT</td>
<td>43</td>
<td>95</td>
</tr>
</tbody>
</table>

**Summary based on NWS data.**

**DFN = Departure from Normal (Using 1961-90 Normals Period).**

**Precipitation (rain or melted snow/ice) in inches.**

**Precipitation Days = Days with precip of 0.01 inch or more.**

**Air Temperatures in Degrees Fahrenheit.**

---

**Air Temperatures**

- **L** = Low Temperature
- **HI** = High Temperature
- **AV** = Average Temperature
- **DF** = Departure from Normal
- **LO** = Low Departure
- **HI** = High Departure

---

**Precipitation**

- **LO** = Low Precipitation
- **HI** = High Precipitation

---

**State: ME, NH, VT, MA, RI, CT**

**Precipitation Days:**

- For detailed ag weather forecasts and data visit the AWIS home page at www.awis.com or call toll free at 1-888-798-9955.

---

**Weather Summary For New England Agricultural Statistics**

**Prepared By AWIS, Inc.**

**For the Period:**

- **Monday, June 20, 2005**
- **Sunday, June 26, 2005**

---

**Air Temperatures in Degrees Fahrenheit.**

**Precipitation Days = Days with precip of 0.01 inch or more.**

**Precipitation (rain or melted snow/ice) in inches.**

**DFN = Departure from Normal (Using 1961-90 Normals Period).**

---

**For the Week Ending Sunday, June 26, 2005**

**Summary based on NWS data.**

**DFN = Departure from Normal (Using 1961-90 Normals Period).**

**Precipitation (rain or melted snow/ice) in inches.**

**Precipitation Days = Days with precip of 0.01 inch or more.**

**Air Temperatures in Degrees Fahrenheit.**

---

**State: ME, NH, VT, MA, RI, CT**

**Precipitation Days:**

- For detailed ag weather forecasts and data visit the AWIS home page at www.awis.com or call toll free at 1-888-798-9955.

---

**Summary based on NWS data.**

**DFN = Departure from Normal (Using 1961-90 Normals Period).**

**Precipitation (rain or melted snow/ice) in inches.**

**Precipitation Days = Days with precip of 0.01 inch or more.**

**Air Temperatures in Degrees Fahrenheit.**

---

**State: ME, NH, VT, MA, RI, CT**

**Precipitation Days:**

- For detailed ag weather forecasts and data visit the AWIS home page at www.awis.com or call toll free at 1-888-798-9955.

---

**Summary based on NWS data.**

**DFN = Departure from Normal (Using 1961-90 Normals Period).**

**Precipitation (rain or melted snow/ice) in inches.**

**Precipitation Days = Days with precip of 0.01 inch or more.**

**Air Temperatures in Degrees Fahrenheit.**

---

**State: ME, NH, VT, MA, RI, CT**

**Precipitation Days:**

- For detailed ag weather forecasts and data visit the AWIS home page at www.awis.com or call toll free at 1-888-798-9955.

---

**Summary based on NWS data.**

**DFN = Departure from Normal (Using 1961-90 Normals Period).**

**Precipitation (rain or melted snow/ice) in inches.**

**Precipitation Days = Days with precip of 0.01 inch or more.**

**Air Temperatures in Degrees Fahrenheit.**

---

**State: ME, NH, VT, MA, RI, CT**

**Precipitation Days:**

- For detailed ag weather forecasts and data visit the AWIS home page at www.awis.com or call toll free at 1-888-798-9955.

---

**Summary based on NWS data.**

**DFN = Departure from Normal (Using 1961-90 Normals Period).**

**Precipitation (rain or melted snow/ice) in inches.**

**Precipitation Days = Days with precip of 0.01 inch or more.**

**Air Temperatures in Degrees Fahrenheit.**

---

**State: ME, NH, VT, MA, RI, CT**

**Precipitation Days:**

- For detailed ag weather forecasts and data visit the AWIS home page at www.awis.com or call toll free at 1-888-798-9955.
REPORTERS COMMENTS, By County: Reporters are from extension Service (Ext), Farm Service Agency (FSA), Natural Resources Conservation Service (NRCs), or other knowledgeable individuals.

CONNECTICUT - Ross Eddy (FSA), Hartford/Tolland: Another mostly dry week made for good hay drying. With the exception for isolated showers on Wednesday, most crops were hurting for water and irrigation continued. Picking strawberries and summer squash is almost ready. Early sweet corn has tasseled and is in field. Field corn growing well. Hay fields slow to regrow for 2nd cut with lack of rain. Frank Himmelstein (Ext), New London: Field Corn- Record Heat and dry weather pushed corn growth along and made up for many growing degree days lost in May. The last of the fields will be planted this week. Dry weather did have adverse effects on pre-emergence weed control with weeds escaping treatments. Hot temperatures above 90° can also have adverse effects with some post-emergence weed control treatments. Need rain badly to promote optimum crop growth. Weeds grow rapidly under such weather conditions and can impact yields if not treated in a timely manner. Some drought stress corn observed in extremely coarse soils. Marsha Jette (FSA), New London: No rain again this week. Corn has been replanted in some of the previous wet fields. Spraying for army worms that appeared in some no-till planted fields. First cutting is good quality, 2nd cutting will be light unless we get rain. Dawn Pindell (Ext), Watertown: A better hay to get done, some over mature, first and some second cutting done, round up ready corn being sprayed, corn looks good, apples good fruit set, peaches look good, blueberries have some winter injury, hand thinning peaches, pruning apples still, vegetables all planted, asparagus done, planting potted mums for fall, farmers markets open, strawberries bountiful and flavorful, a bit hot for daytime picking, getting dry, it is summer! Karen Vozarik (FSA), New Haven: Extreme heat and close to 100% humidity, no rain in sight making producers irrigate. Isolated thundershowers are hit and miss. Oranges are finding that as time goes on very little fruit remains on the trees due to Friday the 13th of May frost. Strawberries are rotting quickly due to weather conditions. Richard Meineert (Ext), CT Cooperative: Strawberry harvest is peaking, corn looks better after some heat, hay being harvested despite humidity and heavy dew.

MAINE - Marvin Hedstrom, Northern Aroostook: Potatoes and small grains: Good weather during the week helped growers get caught up on field work. Herbicide applications continue. Some growers have begun applying fungicides. Potato fields are being cultivated. Crops look good however potatoes are somewhat behind normal due to late planting. Pam Hickey (Ext), Central Aroostook: Still a few cover crops being planted. Potatoes are all planted. Emergence is 95%, Crops are looking good. Steve London, Southern Aroostook: Potatoes and small grains: Finished applying herbicide for potatoes, oats and barley. Some potato growers have noticed Colorado Potato Beetle, but have not sprayed for them yet. Albert Dow (NRCS), Piscataquis: Equipment was getting stuck in fields the first of the week as farmers were anxiously taking advantage of the good weather. Haying and green chopping are in full swing. Producers were still getting crops planted. Donna Lamb (Ext), Piscataquis: Strawberries grown under remay are starting to be harvested. Farmers are finally able to get some dry hay in the barn. Gleason Gray (Ext), Penobscot: Some hay being cut some folks still field. Corn field looks good. Gary Raymond (FSA), Franklin: Some side dressing at hand this week with timothy heading out, time to cut, bale and get it off the field before rain. A couple of unwanted showers making this a wet week at last except for the near record heat over the weekend. Donald Burke (FSA), Waldo: Hayfields are being cut now that summer weather is here. Strawberries and fresh vegetables ready for market. Some hayland still too wet for equipment. Hay quality is going downhill because of the late start. Trudy Soucy (FSA), Knox/Lincoln: Haying is underway with temperatures in the 90’s. Fertilizer application on blueberry fields going on. Fresh strawberries are in and looking good. Lots of veggies now at farm markets. Appears to be damage from monilinia blight (mummy berry) on blueberry fields after 2 months of rain. Skips in sweet corn plantings continue. Lots of strawberries ready to have handfuls of testers this week. Dr. David Yarborough (Ext), Washington: Wild blueberries: Bloom finishing up on the Down East fields. Bees being moved out. Bloom was delayed by two weeks because of the cool wet weather, so crop is also delayed as well. Sandy Truslow (FSA), Cumberland/York: Farmers took advantage of the sunny weather to continue planting crops. Some areas of fields are still too wet for planting or harvesting hay. Strawberries have started turning red. It finally feels like summer! Gary Raymond (FSA), Franklin: Some side affects from the cool wet spring are: Insects seem to be hatching later than usual. They will need to be monitored closely for control. Grass seems to be well established in row crops and will be more difficult to control especially for organic farmers. Soil is more compacted than usual and has crusted over in some cases. Good cultivation should produce good crops especially with the heat & moisture. Marcia Hall (FSA), Oxford: Oxford County producers welcomed the sunshine. Producers have been busy trying to catch up on field work and getting crops in the ground. Pastures looking good. Strawberries are beginning to be harvested. Laura Rand (FSA), Oxford: Producers are busy trying to “make hay while the sun shines”. The past weeks’ weather has provided a break to those trying to gather haylage and finish planting what could not be planted earlier. Apple growers are reporting some scab and potato growers are cultivating

MASSACHUSETTS - Arthur Williams (FSA), Berkshire: Hot weather. A full week of field work for those who could stand it. Our rainfall is down by about 3” compared to the average. Reports are that the soil is dry and getting drier. Farmers are busy. Farm markets and CSAs are getting lots of press and customers.Carolyn Smiarowski, Jr. (FSA), Hampshire/Hampden: All crop through out the county look good. All summer crops have been planted. Growers are cultivating, hoeing and side-dressing all crops. Harvesting strawberries, lettuce, radishes, zucchini and summer squash. Potatoes are being hilled up and are flowering. Sweet corn that was under plastic is in silk stage. The lighter dryer soils are being irrigated. Vegetable growers are scouting for European Corn Borer, Cabbage Root Maggot, Cabbage worm, flea beetles and cucumber beetles. Gary Guida, Worcester: All summer crops looking good with this heat. Heavy T’storms ripped through this area on Sunday and fortunately no serious crop damage. Strawberries cooking in field as heat kept many u-pickers away. Tying tomatoes, transplanting new strawberry fields, top dressing corn, transplanting final fall crops and trying to stay cool principal farm activities here. No serious insect problems. Flowers still selling well.

NEW HAMPSHIRE - Tina Savage (Ext), Carroll: Finally a little haying weather! A lot of the first cut hay going in the barn in the last week. Hazy, hot and humid weather reigns. Pastures and hay fields finally drying out. Warm weather helping vegetable plants to really get growing. Blueberry growers report lots of fruit, few lemons. Strawberries will be ready soon. Carl Majewski (Ext), Cheshire: Lots of great sunny weather for the first part of the week, with more humid conditions towards the end. Lots of producers out making dry hay. Field corn looks good - some folks out sidedressing. Veggies seem to be doing well. PYO strawberry harvest has started, and blueberries continue to look good. Steve Turaj (Ext), Coos: Haying was the task at hand this week with timothy heading out, time to cut, bale and get it off the field before rain. A couple of unwanted growers making this a bit of a challenge. Generally hot, especially for up here and unusually dry. Corn growing fairly well now although looking a little yellow-green on the older fields.<KeyValuePair<int, int>?>. Tom Buob (Ext), Grafton: Haying continued due to good weather. The heat finally got the corn growing and some of the early corn is looking very good. Second cutting will probably begin fairly soon as the regrowth from the rain and heat is finally taking off. Steve Schmidt (FSA), Grafton: Farmers are making hay while the sun shines! There
are still wet fields out there that can’t be hayed or planted. The dry weather was much needed. Corn is starting to look a lot better. George Hamilton (Ext), Hillsborough: Fruit: Growers harvesting field grown strawberries, week late compared to normal years. With hot weather berries are ripening faster. Fruit growers monitoring pest and crop development and apply sprays for pest control, along with mowing orchard floor. Field Crops: Farmers making haylage and baled hay, along with finishing planting and weed spraying corn fields. Vegetables: Continuing successive planting of several vegetables. Growers continued harvesting early season vegetables such as lettuce and radishes. Grower’s busy side dressing fields with fertilizer, cultivating weeds, scouting for pests and spraying if needed. Weather: From cold and wet to hot, causing stress problems with plants. Isolated hail storm and extreme heavy rain storms occurred on June 17 caused some damage to fruit and vegetable crops. Sadie Puglisi (Ext), Merrimack: Hot, humid weather produced a lot of GDD for the week, allowing crops to catch up in growth. Growers got a chance to catch up on planting and cutting. PYO strawberries opened this weekend around the county. Nada Haddad (Ext), Rockingham: Several hot and humid days. Hot weather pushed plant growth. Pick-Your-Own strawberry operations open and busy picking. Very hot and muggy weekend kept some pickers away from the fields. Planting a succession of vegetables. Weeding, cultivating, irrigating and controlling insect pests. Botrytis and other diseases showing on nursery crops and herbaceous perennials. Gusty winds and heavy rain occurred for about an hour on Sunday afternoon damaging some crops. Pam Marvin (FSA), Sullivan: Second cut of alfalfa haylage is coming along good. Humid days have helped to move along the growth as well as push up the silage corn. Some blueberries were hit by hail and damage could be substantial. Assessing going on. PYO strawberries have begun. Crop looks good. Spot showers are making it difficult to get first cut of dry hay in. Some done but most still standing. Summer vegetables are starting to be harvested with help from the hot humid weather. Geoffrey Njue (Ext), Strafford: A dry week at last. A very hot and humid weekend. Some producers continue to make first cut for hay and haylage. Grass in pastures and hay fields continue to do well. Fruit growers continue to apply protective fungicides and insecticides. They also continued to do fruit thinning on peaches and some apple varieties. Fruit set on some apples is very poor due to poor pollination during the cool wet weather. Pick your own Strawberry growers welcomed customers for the first picking last week. Vegetable growers busy weeding, and fertilizing crops. Greenhouse tomatoes growers started harvesting their early crops. Bedding plant season winding down and woody ornamentals and perennial sales picking up strong. Fall mum growers busy planting their mum cuttings.

RHODE ISLAND - Melissa Turrisi (FSA): Strawberry season is underway and this year’s crop looks good. Summer vegetables are soaking up the warm sunny weather but could definitely use some rain.

VERMONT - John St. Onge/Kim Peterson (FSA), Lamoille: It was a fabulous week for cropping. First crop of grass is almost done for most farmers and many were able to put up low moisture bales. Corn has been growing day and night with a few fields about waist high. With continued hot weather some rain will be needed soon. Dave Blodgett (NRCS), Orleans: This was a great hay making week. Dry weather with a lot of heat. A lot of dry hay went in the barn this week. Corn is looking good. Some is already knee high. Most of the larger farms are done first crop and are spreading manure. Perley Sparrow (FSA), Windham: What a wild week for the weather in southern Vt. A great week to dry hay and for late planted corn. Veggie producers are reporting that their crops are bouncing back to catch up with the season. Field corn is chest high after this past week of hot weather. Sherwin Williams, Rutland: Hilling potatoes and spraying for bugs. Cultivating vine crops. Side dressing with nitrogen as crops are ready. Germination has been good on most all crops. 2.02 rain for week. Asparagus about finished for season, picking a great crop of strawberries, first picking of peas. Plenty of early vegetables in the market. Vegetable market in full swing. Have a good week.