AGRICULTURAL SUMMARY

With 4.6 days suitable for fieldwork last week, producers made excellent progress with small grain seeding. Corn planting is off to a good start. However, there are still areas of the state dealing with flooded or damaged roads causing problems accessing fields and transporting feed supplies. Major farm activities included spreading fertilizer, planting corn, tillage and moving cattle to pasture.

This report was based on information from county extension educators, Farm Service Agency county directors, and other reporters across the state.

WEATHER INFORMATION

After an extended very dry period across the state, all of the state received precipitation over several days during the latter part of the week, according to the State Climate Office of South Dakota. Most of the last 30-40 days were quite dry. Totals from the week overcame much of that dryness and started to cause some renewed wetness issues in low lying areas according to county extension reports.

The heaviest precipitation fell across the southern part of the state, where many stations reported over 2 inch totals. Hot Springs reported the highest of the totals here at 2.58 inches. Buffalo recorded the least at 0.16 inches. Most of the state is still much wetter than average since October 1 with accumulations greater than 7 inches above average in areas of the northeast and in Porcupine and Yankton. Despite the recent rainfall accumulations, areas of the northern and eastern parts of the state are below average since April 1.

Even including the cooler end of the week, South Dakota experienced another very warm week with temperatures up to 8°F above average across the whole state. Only Porcupine recorded below average temperatures. Onida had the highest temperature at 78°F; Porcupine had the lowest temperature at 19°F. Growing degree days are responding accordingly being much wetter than average since October 1 with accumulations greater than 7 inches above average in areas of the northeast and in Porcupine and Yankton. Despite the recent rainfall accumulations, areas of the northern and eastern parts of the state are below average since April 1.

SOIL CONDITION

Soil temperatures at 4 inches were relatively unchanged for the week remaining in the 50s across most of the south and east while northern and western areas were below 50°F. Parkston had the warmest soil temperature at 54°F; Aberdeen and Caputa the lowest at 46°F.

FIELD CROPS REPORT

Spring wheat, oats, and barley all made excellent progress in percent seeded over the last week. Sixty-five percent of the spring wheat has been planted, ahead of last year’s estimate of 32 percent and also ahead of the five-year average of 55 percent. Sixty percent of the oats has been planted, up from 48 percent for the five-year average. Percent of winter wheat that is in boot stage or beyond is estimated at 2 percent, ahead of last year’s progress of 0 percent and equalizing the five-year average of 2 percent. Winter wheat conditions rated in the good to excellent categories were estimated at 79 percent. Thirteen percent of the corn was planted, ahead of last year’s estimate of 3 percent and also ahead of the five-year average of 5 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Livestock producers enjoyed favorable weather as calving and lambing progressed this week. Cattle are rated at 85 percent in good to excellent condition. Calf death losses were rated at 10 percent below normal, 86 percent normal, and 4 percent above normal. Calving is estimated to be 76 percent complete and 20 percent of cattle have been moved to pasture. Sheep are rated 83 percent in good to excellent condition, with sheep and lamb deaths rated 4 percent below average, 93 percent average, and 3 percent above average. Lambing is estimated to be 82 percent complete. Feed supplies are rated at 90 percent adequate to surplus, up 9 percentage points from last year. Stock water supplies are also in good shape with 98 percent in the adequate to surplus categories, up 2 percentage points from last year. Range and pasture conditions are rated at 75 percent good to excellent, up 19 percentage points from last year, and 27 percentage points higher than the five-year average.

Crop Progress as of April 25, 2010

<table>
<thead>
<tr>
<th>Item</th>
<th>This Week</th>
<th>Last Year</th>
<th>5-Yr Avg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winter Wheat</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barley</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oats</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring Wheat</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corn</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soybeans</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sorghum</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 Percentages represent all acreage in or beyond each stage.

Average Soil Temperatures Week Ending April 25, 2010 (4-inch Depth)

<table>
<thead>
<tr>
<th>Location</th>
<th>Temp</th>
<th>Location</th>
<th>Temp</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aberdeen</td>
<td>46</td>
<td>Nisland</td>
<td>47</td>
</tr>
<tr>
<td>Beresford</td>
<td>54</td>
<td>Oacoma</td>
<td>51</td>
</tr>
<tr>
<td>Bowdle</td>
<td>49</td>
<td>Parkston</td>
<td>54</td>
</tr>
<tr>
<td>Brookings</td>
<td>52</td>
<td>Pierre</td>
<td>52</td>
</tr>
<tr>
<td>Caputa</td>
<td>46</td>
<td>Redfield</td>
<td>NA</td>
</tr>
<tr>
<td>Cottonwood</td>
<td>48</td>
<td>SouthShore</td>
<td>NA</td>
</tr>
</tbody>
</table>
GROWING SEASON
Accumulated Precip Deviation from Average for March 27 to April 25, 2010

TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS
Week Ending Sunday, April 25, 2010

Northwest
- Bismarck: 52, 4, 66, 37 (0.17, 6.75, 1.53, 0.38, -0.17)
- Buffalo: 53, 8, 70, 36 (0.16, 4.58, 0.94, -1.43, -0.54)
- Dupree: 53, 6, 69, 34 (0.44, 6.31, 1.64, 0.40, 0.34)
- McIntosh: 53, 5, 74, 37 (0.50, 7.80, 1.64, 2.67, -0.30)
- Newell: 51, 5, 69, 35 (0.50, 5.70, 1.70, 0.24, 0.38)
- Timber Lake: 53, 5, 71, 34 (0.23, 7.15, 1.48, 0.65, -0.06)

North Central
- Aberdeen: 54, 6, 73, 34 (1.81, 10.35, 1.88, 3.83, 0.42)
- Faulkton: 52, 4, 72, 34 (0.75, 9.58, 0.99, 3.23, -0.56)
- Mobridge: 55, 7, 72, 36 (0.28, 7.55, 1.23, 1.80, -0.07)
- Roscoe: 54, 8, 71, 38 (0.35, 10.16, 0.65, 3.58, -0.98)

Northeast
- Brookings: 55, 7, 71, 38 (0.33, 10.46, 0.57, 4.15, -0.78)
- Clear Lake: 53, 6, 71, 35 (0.70, 16.15, 0.74, 7.25, -1.08)
- Sisseton: 52, 4, 71, 34 (0.85, 15.37, 1.16, 7.51, -0.49)
- Watertown: 52, 5, 70, 34 (0.66, 11.26, 0.68, 4.09, -0.92)
- Webster: 55, 8, 70, 41 (1.11, 11.23, 1.11, 4.42, -0.36)

West Central
- Faith: 52, 5, 69, 34 (0.24, 5.92, 1.51, -0.07, 0.16)
- Milbank: 52, 3, 72, 32 (0.78, 10.50, 1.73, 4.05, 0.23)
- Philip: 52, 4, 74, 36 (1.79, 8.41, 2.66, 3.00, 1.21)
- Rapid City: 50, 3, 67, 35 (1.85, 6.47, 3.71, 0.80, 1.56)
- Spearfish: 53, 6, 68, 34 (1.50, 10.17, 2.65, 1.84, 0.78)

Central
- Chamberlain: 55, 7, 71, 38 (1.94, 11.20, 2.71, 3.46, 0.90)
- Hot Springs: 54, 6, 72, 38 (1.11, 8.41, 1.49, 0.98, -0.51)
- Huron: 55, 6, 74, 35 (1.81, 10.98, 1.88, 3.52, 0.02)
- Onida: 57, 9, 78, 40 (0.85, 9.47, 1.64, 3.60, 0.18)

East Central
- Brookings: 53, 6, 72, 35 (0.82, 10.67, 0.92, 3.96, -0.72)
- Forestburg: 56, 5, 76, 34 (1.51, 11.77, 1.63, 3.63, -0.50)
- Madison: 54, 5, 74, 40 (1.32, 11.93, 1.43, 3.03, -0.67)
- Mitchell: 58, 8, 73, 36 (1.45, 11.68, 1.58, 3.23, -0.57)

South Central
- Kennebec: 55, 4, 71, 35 (1.20, 11.07, 2.37, 4.00, 0.71)
- Mission: 51, 3, 71, 33 (2.44, 10.97, 3.73, 4.05, 1.89)
- Murdo: 54, 5, 74, 36 (1.55, 11.38, 2.82, 4.04, 1.03)
- Winner: 54, 2, 71, 39 (1.80, 9.72, 2.77, 1.29, 0.79)

Southeast
- Academy: 53, 5, 72, 38 (1.68, 9.20, 2.02, 1.88, -0.12)
- Centerville: 56, 6, 75, 32 (0.45, 10.23, 0.86, 1.95, -1.10)
- Pickstown: 53, 3, 72, 41 (0.80, 9.66, 1.22, 1.55, -1.02)
- Vermillion: 58, 5, 74, 38 (0.54, 11.10, 1.12, 2.25, -1.06)
- Yankton: 57, 6, 75, 37 (1.94, 15.52, 3.04, 7.12, 1.04)

DATA AND MAP SOURCE: State Climate Office of South Dakota

ADDRESS SERVICE REQUESTED