North Dakota Crop, Livestock & Weather Report

Released: May 5, 2008
For Week Ending: May 4, 2008
ND-CW1808

General: Producers made significant planting progress across the state last week despite cool temperatures, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. In western areas, additional moisture is needed to help aid the germination of small grains and the growth of hay and pasture land according to reporters. Reporters also noted that cold soil temperatures have slowed crop emergence. The southern area of the state received much needed moisture with the extreme southwest corner receiving a significant amount of snowfall last week. Statewide, on average, there were 5.8 days suitable for fieldwork.

Crops: Planting progress was behind the average for canola, corn, potatoes, soybeans and sugar beets. Spring wheat was 58 percent seeded, compared with 49 percent last year and 54 percent on average. Durum wheat was 39 percent seeded, compared with 29 percent on average. Barley and oats were 50 percent and 60 percent seeded, respectively. Emergence was at or behind the average for all small grains.

Twenty-two percent of canola was planted compared with 38 percent last year. Corn planted, at 16 percent, advanced 13 percentage points but remained behind the average of 39 percent. Dry edible beans were 1 percent planted compared with 23 percent last year and 22 percent on average. Dry edible peas planted, at 71 percent, advanced 31 percentage points from the previous week, ahead of last year. Flaxseed was 20 percent planted, ahead of last year and the average. Potatoes were 10 percent planted compared with 11 percent last year and 24 percent on average. Sugar beets planted, at 42 percent, advanced 13 percentage points but remained behind the average of 56 percent. Sunflower planting began last week and advanced to 2 percent complete. Emergence was at or behind of average for all other crops.

Livestock: Producers were branding calves and putting cattle out to pasture. Calving and lambing were 91 and 96 percent complete, respectively. Hay and forage supplies were rated 4 percent very short, 19 short, 70 adequate and 7 surplus, compared to last year’s rating of 7 percent very short, 16 short, 72 adequate and 5 surplus. Grain and concentrate supplies were rated 2 percent very short, 12 short, 82 adequate and 4 surplus. Pasture and range conditions were rated 13 percent very poor, 31 percent, 40 fair, 15 good and 1 excellent. They were rated 66 percent growing, compared with 34 percent growing the previous week.

Crop and Pasture Condition
North Dakota, Week Ending May 4, 2008

Crop Very Poor Poor Fair Good Excellent

Spring Wheat 8 8 44 40 4

Oats 8 14 60 40 17

Pasture and Range 13 31 40 15 1

Crop Development Progress
North Dakota, Week Ending May 4, 2008


Barley

Percent Emerged 50 23 46 45 45

Emerged 50 23 46 45 45

Durum Wheat

Percent Emerged 39 18 28 29 29

Emerged 7 1 4 7 7

Spring Wheat

Percent Emerged 58 30 49 54 54

Emerged 8 1 11 18 18

Oats

Percent Emerged 60 31 42 49 49

Emerged 7 0 6 13 13

Canola

Percent Emerged 22 7 38 32 32

Emerged 22 7 38 32 32

Corn, All

Percent Emerged 16 3 30 30 30

Emerged 16 3 30 30 30

Dry Edible Beans

Percent Emerged 1 0 1 1 1

Emerged 1 0 1 1 1

Dry Edible Peas

Percent Emerged 71 33 59 59 59

Emerged 4 0 8 8 8

Flaxseed

Percent Emerged 20 4 16 16 16

Emerged 1 NA 1 1

Potatoes

Percent Emerged 10 3 23 22 22

Emerged 0 NA 1 1

Soybeans

Percent Emerged 1 0 2 2 2

Emerged 1 NA 4 4

Sugar beets

Percent Emerged 42 11 79 75 75

Emerged 1 NA 4 4

Sunflowers

Percent Emerged 2 0 1 1 1

1 Crop development percents represent all acreage in or beyond each stage.
2 Percent is based on current intended acreage. NA = Not Available
Soil Moisture Supplies
North Dakota, Week Ending May 4, 2008

<table>
<thead>
<tr>
<th>Date</th>
<th>Topsoil</th>
<th>Subsoil</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Percent</td>
<td>Percent</td>
</tr>
<tr>
<td></td>
<td>Very Short</td>
<td>Short</td>
</tr>
<tr>
<td>May 4, 2008</td>
<td>27</td>
<td>1</td>
</tr>
<tr>
<td>April 27, 2008</td>
<td>32</td>
<td>13</td>
</tr>
<tr>
<td>May 4, 2007</td>
<td>4</td>
<td>12</td>
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</table>

Weather: This week was fairly dry for most areas of the state with below normal temperatures. Monday was dry with highs in the upper 40s to the lower 60s with the western half of the state having the higher temperatures. Tuesday was also dry as highs warmed up to the upper 50s to upper 70s. Wednesday brought isolated showers occurring in the southwestern part of the state with highs in the upper 50s to lower 70s. On Thursday, a system of showers moved through the southern part of the state with highs cooling down into the upper 40s to 60s. Friday was fairly dry except for a few isolated showers in the southeastern part of the state with highs in the 50s. The weekend stayed dry with highs in the 60s on Saturday and highs in the 70s on Sunday.

Outlook, May 5-11: This week looks to bring near normal temperatures with a chance of precipitation statewide. Monday will start off with some scattered showers in the northern part of the state with highs in the upper 60s to mid-70s. On Tuesday, there is a chance of scattered showers, possibly even a few thunderstorms in the southern part of the state, with highs in the upper 50s to 70s. Wednesday and Thursday will be dry with highs in the upper 50s to 60s. On Friday, there is a chance of isolated light showers statewide with highs in the upper 50s to 60s. Saturday brings a chance of isolated showers statewide with highs cooling into the 50s. Sunday looks to be dry as highs warm up to the 60s.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending May 4, 2008

<table>
<thead>
<tr>
<th>District</th>
<th>Temperature</th>
<th>Seasonal Precipitation Beginning April 1(^{1})</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Average Temperature</td>
<td>Past Week</td>
</tr>
<tr>
<td></td>
<td>Degrees F</td>
<td>Degrees F</td>
</tr>
<tr>
<td>Northwest</td>
<td>46</td>
<td>-2</td>
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<tr>
<td>N. Central</td>
<td>41</td>
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<td>Northeast (3)</td>
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<tr>
<td>W. Central</td>
<td>46</td>
<td>-4</td>
</tr>
<tr>
<td>Central</td>
<td>42</td>
<td>-8</td>
</tr>
<tr>
<td>E. Central (6)</td>
<td>44</td>
<td>-6</td>
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<tr>
<td>Southwest</td>
<td>49</td>
<td>0</td>
</tr>
<tr>
<td>S. Central (8)</td>
<td>46</td>
<td>-4</td>
</tr>
<tr>
<td>Southeast</td>
<td>44</td>
<td>-6</td>
</tr>
</tbody>
</table>

\(^{1}\)Precipitation amounts may vary due to an inaccurate snowfall melt. \(^{2}\)Normal is the 1971-2000 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.