2007

Farm and Weather Summary Northwest Research Farms

David Haden

Iowa State University

Follow this and additional works at: http://lib.dr.iastate.edu/farms_reports

Part of the Agricultural Science Commons, and the Agriculture Commons

Recommended Citation

Haden, David, "Farm and Weather Summary Northwest Research Farms" (2007). Iowa State Research Farm Progress Reports. 954.
http://lib.dr.iastate.edu/farms_reports/954

This report is brought to you for free and open access by Iowa State University Digital Repository. It has been accepted for inclusion in Iowa State Research Farm Progress Reports by an authorized administrator of Iowa State University Digital Repository. For more information, please contact digirep@iastate.edu.
Abstract
Includes:
Farm Comments
Crop Season Comments
Weather Comments

Disciplines
Agricultural Science | Agriculture
Farm and Weather Summary
Northwest Research Farms

David Haden, farm superintendent

Farm Comments

Field Days and Tours. There were seven events held by the Northwest Farms, Sutherland and Doon. A total of 695 people attended field days and other programs.

New Projects. Poly-coated urea vs. anhydrous ammonia, Randy Killorn; Strawberry variety trial, Cindy Haynes; Tillage by corn seeding rate, Roger Elmore; Corn planting date, Roger Elmore; Rootworm corn following corn variety trial, Roger Elmore; Fertilizer management for rootworm corn, Antonio Mallarino; Soybean planting rate (On-Farm Research Trial), Joel DeJong and Josh Sievers.

Crop Season Comments

Corn planting began April 24 and was completed May 17. Harvest began October 12 and was completed October 24 with average yields of 179 bushels/acre.

Soybean planting started May 10 and was completed May 23. Harvest began September 27 and was completed October 11 with average yields of 60 bushels/acre.

Weather Comments

Spring 2006. Fieldwork began April 7. Oat planting began April 10. April’s average temperature was 6.1 degrees above normal. Rains in late April into early May delayed planting until May 5.

Summer 2006. With near normal rainfall and temperatures many producers completed planting by May 20. Most crops were progressing as expected. June rainfall was 1.83 in. below normal. In July we had 0.42 in. of rain. Since 1957, only 1959 and 1967 had less rainfall in July. This dry period ended with above normal rainfall in August. An August 1 rain and wind storm damaged several corn plots. Lodging rates ranged from 0 to nearly 100% lodged.

Fall 2006. In spite of rainfall almost 5 in. below normal for June and July, corn and soybean yields were similar to 2005. With only three days of recordable rainfall during October, harvest progressed at a steady pace.

Acknowledgments

We would like to thank the Northwest Iowa Experimental Association and ISU Extension staff for a job well done. Their support is essential for the growth and development of the Northwest Research Farm. Also, thank you to Security State Bank, Sutherland, Calumet, and Paullina, for many years of providing help, food, and paper products at our field days; and C-S Agrow Service Company, Calumet, for their crop input support.
Table 1. Northwest Research and Demonstration Farm, Sutherland, monthly rainfall and average temperatures for 2006.

<table>
<thead>
<tr>
<th>Month</th>
<th>Rainfall (in.)</th>
<th>Deviation from normal</th>
<th>Temperature (°F)</th>
<th>Deviation from normal</th>
<th>Days 90° or above</th>
</tr>
</thead>
<tbody>
<tr>
<td>March</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>April</td>
<td>2.57</td>
<td>0.07</td>
<td>52.2</td>
<td>6.1</td>
<td>0</td>
</tr>
<tr>
<td>May</td>
<td>3.63</td>
<td>-0.12</td>
<td>60.3</td>
<td>1.2</td>
<td>1</td>
</tr>
<tr>
<td>June</td>
<td>2.62</td>
<td>-1.83</td>
<td>69.3</td>
<td>0.5</td>
<td>0</td>
</tr>
<tr>
<td>July</td>
<td>0.42</td>
<td>-3.05</td>
<td>74.8</td>
<td>1.7</td>
<td>8</td>
</tr>
<tr>
<td>August</td>
<td>5.13</td>
<td>1.36</td>
<td>70.2</td>
<td>-1.9</td>
<td>0</td>
</tr>
<tr>
<td>September</td>
<td>4.73</td>
<td>1.59</td>
<td>57.6</td>
<td>-3.5</td>
<td>0</td>
</tr>
<tr>
<td>October</td>
<td>0.36</td>
<td>-1.72</td>
<td>45.6</td>
<td>-3.2</td>
<td>0</td>
</tr>
<tr>
<td>Totals</td>
<td>19.46</td>
<td>-3.70</td>
<td></td>
<td></td>
<td>9</td>
</tr>
</tbody>
</table>

NA=not available.