2006

Farm and Weather Summary

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Recommended Citation
Van Dee, Kevin, "Farm and Weather Summary" (2006). Iowa State Research Farm Progress Reports. 1145.
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Farm and Weather Summary

Abstract
Includes:

Farm Comments
Crop Season Comments
Weather Comments

Disciplines
Agricultural Science | Agriculture
Farm and Weather Summary

Kevin Van Dee, farm superintendent

Farm Comments

Developments. New research on a grain pea variety trial was conducted on new land in 2005. In addition, winter wheat was planted on half of the additional land in order to install a drainage research project in the summer of 2006.

Field Days and Tours. Five events were held. A total of 1,485 people visited the farm in 2005.

New Projects. Wheat/grain pea/corn/soybean rotation study, Jim Fawcett; Low-linolenic soybean variety trial, Jim Jensen; Vertical tillage study, Kevin Van Dee; Organic flax demonstration, Kathleen Delate; Corn phosphorus study and soybean foliar fertilizer study, Antonio Mallarino; Soybean rust sentinel plots and soybean fungicide study, X.B. Yang; Soybean variety trial, Jim Rouse; Valor study, Bob Hartzler; and Soybean SCN variety trial, Greg Tylka.

Crop Season Comments

Corn planting began March 14 and was completed May 6. Harvest began September 22 and was completed October 17 with yields of 45–70 bushels/acre.

Weather Comments

Winter 2004–2005. The first heavy snow was January 5, 2005. The soil moisture profile was above average going into 2005.

Spring 2005. The weather was generally warm and dry early, and then it turned colder around the beginning of May. Oats were planted March 15.

Summer 2005. Every month was below average for moisture and most months were above average for temperature.

Fall 2005. Corn yields following soybeans were above average. Soybeans were also above average. Corn following corn was below average. Winter wheat and triticale are off to a good start for 2006, but soil moisture is much below average.

Acknowledgments

The support for research of the following companies and groups is appreciated: Intellicoat Technologies (Landec Ag, Inc.), Henry County Extension Service, Mycogen Seeds, Monsanto, Pioneer Hybrid International, Merschman Fertilizer, L.L.C., Phoenix Rotary Co., and Spraying Systems Co.

Table 1. Southeast Research and Demonstration Farm, Crawfordsville, monthly rainfall and average temperatures for 2005.

<table>
<thead>
<tr>
<th>Month</th>
<th>Rainfall (in.)</th>
<th>Temperature (°F)</th>
<th>Days 90° or above</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Deviation from normal</td>
<td>Deviation from normal</td>
<td></td>
</tr>
<tr>
<td>March</td>
<td>0.95</td>
<td>37.8</td>
<td>0</td>
</tr>
<tr>
<td>April</td>
<td>3.00</td>
<td>54.2</td>
<td>0</td>
</tr>
<tr>
<td>May</td>
<td>1.71</td>
<td>59.1</td>
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</tr>
<tr>
<td>June</td>
<td>3.67</td>
<td>74.4</td>
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</tr>
<tr>
<td>July</td>
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<td>75.3</td>
<td>0</td>
</tr>
<tr>
<td>August</td>
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<td>73.4</td>
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<tr>
<td>September</td>
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<tr>
<td>October</td>
<td>2.12</td>
<td>53.7</td>
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<tr>
<td>Totals</td>
<td>17.53</td>
<td>-10.58</td>
<td>37</td>
</tr>
</tbody>
</table>