

2003

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" (2003). *Iowa State Research Farm Progress Reports*. 1472.
http://lib.dr.iastate.edu/farms_reports/1472

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.

Farm and Weather Summary Northwest Research Farms

Abstract

Includes:

Farm Comments

Crop Season Comments

Weather Comments

Disciplines

Agricultural Science | Agriculture

Farm and Weather Summary

David Haden, superintendent, Northwest Farm

Farm Comments

Field Days and Tours: There were 17 events held at the Northwest Farms, Sutherland and Doon. A total of 1,076 people attended the field days and tours.

New Projects: Triticale Variety Trial, Jean-Luc Jannink; Bean Leaf Beetle Study, Jeff Bradshaw; Corn Rootworm Demonstration, Joel DeJong; Cuphea Study, Frank Forcella.

Crop Season Comments

Sutherland. Corn planting began April 30 and was completed May 7. Harvest began October 23 and was completed November 22 with average yields of 147.1 bushels/acre.

Soybean planting started May 3 and was completed May 17. Harvest began October 14 and was completed October 22 with average yields of 49.1 bushels/acre.

Doon. Corn planting began May 15 and was completed May 20. Harvest began October 18

and was completed November 15 with average yields of 150 bushels/acre.

Soybean planting began May 21 and was completed May 22. Harvest began September 23 and was completed October 14 with average yields of 52 bushels/acre.

Weather Comments

Winter 2001-2002: We had a mild winter and by early April, the soil moisture profile was full. Field work began April 1. Oats were planted April 3.

Spring 2002: The spring was cool, but by May 10, most crops were planted. Some early-planted corn had emergence problems and was replanted.

Summer 2002: The summer was hot and dry. By the end of July, the crops began to wilt at noon. Rain in early August broke the hot, dry period. Crops recovered and continued to develop.

Fall 2002: Early cool and damp weather slowed crop drydown and harvest. The first snow fell on October 16.

Table 1. Northwest Research and Demonstration Farm, Sutherland, monthly rainfall and average temperatures for 2002.

| Month | Rainfall (inches) | | Temperature (°F) | | Days 90 ⁰ or above |
|-----------|-------------------|--------------------------|------------------|--------------------------|-------------------------------------|
| | 2002 | Deviation from normal | 2002 | Deviation from normal | |
| March | NA | NA | NA | NA | NA |
| April | 2.87 | 0.37 | 47.9 | 1.8 | 1 |
| May | 2.16 | -1.59 | 55.9 | -3.2 | 1 |
| June | 1.98 | -2.47 | 72.3 | 3.5 | 6 |
| July | 1.55 | -2.03 | 75.7 | 2.6 | 11 |
| August | 9.11 | 5.34 | 69.2 | -2.9 | 1 |
| September | 2.67 | -0.47 | 63.1 | 2.0 | 3 |
| October | <u>2.38</u> | <u>0.30</u> | 41.9 | <u>-6.9</u> | <u>0</u> |
| Totals | 22.72 | -0.55 | | -3.1 | 23 |

Table 2. Northwest Research and Demonstration Farm, Doon, monthly rainfall and average temperatures for 2002.

| Month | Rainfall (inches) | | Temperature (°F) | | Days 90 ⁰ or above |
|-----------|-------------------|--------------------------|------------------|--|-------------------------------------|
| | 2002 | Deviation from normal | 2002 | Deviation from normal at Rock Rapids | |
| March | NA | NA | NA | NA | NA |
| April | 1.62 | -0.82 | 46.7 | -0.3 | 1 |
| May | 3.93 | 0.99 | 54.9 | -4.5 | 2 |
| June | 3.43 | -0.65 | 72.6 | 3.4 | 9 |
| July | 1.61 | -1.70 | 77.4 | 3.3 | 20 |
| August | 3.64 | -0.15 | 71.2 | 0.2 | 2 |
| September | 1.00 | -1.98 | 63.4 | 2.3 | 5 |
| October | <u>3.94</u> | <u>2.04</u> | 41.9 | <u>-1.9</u> | <u>0</u> |
| Totals | 19.17 | -2.27 | | 2.5 | 39 |