

2004

Farm and Weather Summary

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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, superintendent

Farm Comments

Developments: Jared Anderson, ag specialist, was hired in 2003 and filled the vacancy left by Matt Hunt who had worked at the farm since 1994. Jared has a split appointment between the Southeast Research and Demonstration Farm and the Muscatine Island Research Farm.

Field Days and Tours: Five events were held. A total of 1,013 people attended field days and tours.

New Projects: Grape Variety Trials, Paul Domoto; Edamame Soybean Demonstration, Jim Jensen; YieldGard Rootworm Bt Evaluation, Jon Tollefson and Jim Oleson; Cyst-X Variety Trial, Kevin Van Dee; K Study in Corn and Soybeans, Antonio Mallarino; Sudden Death Syndrome Variety Trials, X.B. Yang; No-till and Conventional-Till Soybean Planting Date by Population Studies, Palle Pedersen; Soybean Inoculate Study, Palle Pedersen; and Soybean Variety Trials, Bruce Voss.

Crop Season Comments

Corn planting began April 14 and was completed May 22. Harvest began September 15 and was completed October 19 with yields of 160–230 bushels/acre.

Soybean planting began May 8 and was completed May 30. Harvest began September 25 and was completed October 13 with yields of 30–58 bushels/acre.

Weather Comments

Winter 2002–2003: There was no heavy snow until January 17, 2003. It was a colder-than-average winter season. The soil moisture profile was below average going into 2003.

Spring 2003: The weather was generally cool and dry early on and was wet later in the spring. Oats and barley were planted March 27.

Summer 2003: July and August were dry, and overall precipitation was below average for the year. There was no wind damage in the corn. This was the first time we had no wind damage since 1996.

Fall 2003: Corn yields were very good except for the acreage that was corn following corn. Soybean yields were somewhat disappointing as well. Winter wheat and triticale are off to a good start for 2004. Soil moisture was below average but improving.

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Table 1. Southeast Research and Demonstration Farm, Crawfordsville, monthly rainfall and average temperatures for 2003.

Month	Rainfall (inches)		Temperature (°F)		Days 90° or above
	2003	Deviation from normal	2003	Deviation from normal	
March	0.33	-2.16	35.8	-1.5	0
April	2.59	0.55	51.8	-0.3	0
May	6.48	2.63	59.1	-4.1	0
June	4.30	-0.03	68.1	-4.1	2
July	1.77	-2.43	73.4	-2.7	5
August	0.87	-2.89	74.4	0.4	10
September	4.34	1.49	61.6	-4.6	0
October	<u>0.95</u>	<u>-1.66</u>	53.2	-2.1	<u>0</u>
Totals	21.63	-4.50			17