

Farm and Weather Summary

Kevin Van Dee, farm superintendent

Farm Comments

Developments. Myron Rees was hired as ag specialist in 2004. Myron 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 1,332 people visited the farm in 2004.

New Projects. Manure Injection Demonstration, Greg Brenneman; Soybean Herbicide Evaluations and Field Pea Variety by Planting Date Study, Jim Fawcett; Low Linolenic Variety Trial and Specialty Soybean Variety Demonstration, Jim Jensen; Bean Leaf Beetle/Aphid Management Study, Virgil Schmitt; Wheat/Soybean Relay Demonstration, Vertical Tillage Study, and Strip Cropping Study, Kevin Van Dee; Toolbox Training for Alternative Weed Management Demonstration, Kathleen Delate; SCN/pH Study, Palle Pedersen; Georgia-Pacific Nitrogen Study, Randy Killorn; and Sustainable Corn Breeding Trial, Linda Pollack.

Crop Season Comments

Corn planting began March 22 and was completed May 15. Harvest began September 21 and was completed October 25 with yields of 160–230 bushels/acre.

Soybean planting began April 15 and was completed May 12. Harvest began September 9 and was completed October 11 with yields of 50–67 bushels/acre.

Weather Comments

Winter 2003–2004. The first heavy snow was January 6, 2004. The soil moisture profile was below average going into 2004.

Spring 2004. The weather was generally warm and wet early, then drier at planting time with wet weather returning later in the spring. Oats and barley were planted March 23.

Summer 2004. July and August were wetter than average, but these months were below average for temperature. There was no major crop damage due to the weather.

Fall 2004. Corn yields were very good. The acreage in corn following corn also yielded well. Soybean yields were better than in 2003. Winter wheat and triticale are off to a good start for 2005, and soil moisture is above average as well.

Acknowledgments

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Table 1. Southeast Research and Demonstration Farm, Crawfordsville, monthly rainfall and average temperatures for 2004.

Month	Rainfall (in.)		Temperature (°F)		Days 90° or above
	2004	Deviation from normal	2004	Deviation from normal	
March	3.89	2.13	41.8	3.6	0
April	1.02	-2.37	52.2	1.2	0
May	7.22	0.98	63.6	2.3	0
June	1.59	-2.17	71.5	1.3	2
July	4.44	0.91	71.4	-3.4	2
August	4.31	0.86	66.9	-6.1	1
September	0.58	-2.25	68.3	3.4	0
October	<u>5.24</u>	<u>2.09</u>	52.7	-0.7	<u>0</u>
Totals	28.29	0.18			5