

2007

Farm and Weather Summary

Kevin Van Dee
Iowa State University

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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

25 and was completed October 25 with yields of 50 to 65 bushels/acre.

Farm Comments

Developments. An agricultural drainage project was initiated on the new farm in 2006. This project brought together drainage contractors and suppliers under the directive of ISU personnel with the goal of better understanding water management use. Research on this project will begin in 2007.

Field Days and Tours. Five events were held. A total of 1,433 people visited the farm in 2006.

New Projects. Corn hybrid by cropping systems study, Corn planting date study, and Corn population by tillage demonstration, Roger Elmore; Corn hybrid by K study, Antonio Mallarino; Corn hybrid and soybean variety demonstrations, Jim Rouse; Winter pea demonstration, Jim Fawcett; Corn rootworm Bt trial following soybeans, Jon Tollefson; and an Amino sugar nitrate test in corn, John Sawyer.

Crop Season Comments

Corn planting began April 5 and was completed May 8. Harvest began September 26 and was completed October 24 with yields of 160 to 230 bushels/acre.

Soybean planting began April 12 and was completed May 19. Harvest began September

Weather Comments

Winter 2005–2006. The first heavy snow was December, 2005. The soil moisture profile was above average by planting time in 2006.

Spring 2006. The weather was mild and above average for precipitation early, then below average for May. Oats were planted April 13.

Summer 2006. Early summer was mild and dry, but the weather was above average for temperature and precipitation later in the summer.

Fall 2006. Corn yields were above average in both corn following soybeans and in continuous corn. Soybeans were generally below the 2004 and 2005 average. Winter wheat and triticale are off to a good start for 2007, and soil moisture is nearly at capacity going into 2007.

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Table 1. Southeast Research and Demonstration Farm, Crawfordsville, monthly rainfall and average temperatures for 2006.

Month	Rainfall (in.)		Temperature (°F)		Days 90° or above
	2006	Deviation from normal	2006	Deviation from normal	
March	3.65	1.91	38.0	0.1	0
April	3.73	0.69	53.9	2.5	0
May	1.57	-4.15	60.8	-0.4	0
June	2.16	-1.51	70.2	-0.2	0
July	3.45	0.11	77.3	2.7	13
August	5.67	2.34	73.7	1.4	4
September	1.49	-1.09	62.0	-3.5	0
October	<u>2.22</u>	<u>-0.96</u>	49.1	-4.2	<u>1</u>
Totals	23.94	-2.66			18