

# Best Management Practices for Corn Production in South Dakota



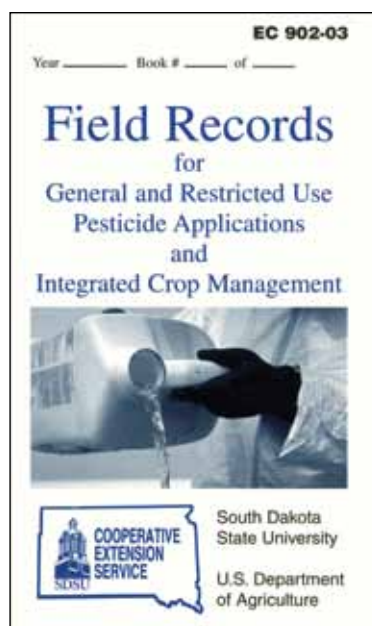
# CHAPTER 13

## Recordkeeping

Recordkeeping is an important component of all crop production systems. The time that is spent maintaining careful records can help to improve the production, profit, and overall efficiency of the production enterprise. Records provide information needed to identify successes and failures.

Records should be as detailed and complete as possible. Some basic elements of records include field location, crop type, hybrid number, genetic enhancements, soil type(s), previous crop, tillage, planting information, soil test and fertilizer/manure applications, pesticide applications, and harvest information. Scouting maps and the results of soil and manure tests should be attached or included in records. The location of problem areas within the field should be identified on the map. If available, daily or monthly weather records should be attached to the yearly record, as weather is one of the most influential yet uncontrollable variables that can impact crop yield.

Federal law requires that all private applicators keep records of applications of all restricted-use pesticides (RUP). These records have minimum requirements and must be kept for a minimum of 2 years. Restricted-use pesticides may only be purchased or applied by a certified applicator. All of these products will clearly state “restricted use” on the label. Additional information on pesticide and general field recordkeeping is available from the South Dakota Department of Agriculture (<http://www.state.sd.us/doa/das/hp-pest.htm>) or from local Extension educators.





Field map of:			
Quarter(s):	Section:	Township:	Range:
Crop Year:		Crop:	

	<p>N ↑</p>

Scouting notes:

## Additional Information and References

- Arzeno, A. 2004. Record keeping in farm management. ExEx5054. South Dakota State University, South Dakota Cooperative Extension Service, College of Agriculture and Biological Sciences. <http://agbiopubs.sdstate.edu>.
- Deneke, D., R. Gosmire, B. Ruden, J. Wilson. 1995. Field records for general and restricted use pesticide applications and integrated crop management. EC902-03. South Dakota State University, South Dakota Cooperative Extension Service. United States Department of Agriculture. <http://agbiopubs.sdstate.edu>.
- Recordkeeping Manual for Private Pesticide Applicators. United States Department of Agriculture, Agricultural Marketing Service – Pesticide Records Branch. <http://www.ams.usda.gov/science/sdpr.htm>. South Dakota Department of Agriculture, Division of Agricultural Services, Office of Agronomy Services. Pesticide Programs – Recordkeeping Requirements. <http://www.state.sd.us/doa/das/>.

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Wilson, J.A., K.D. Reitsma, and D.E. Clay. 2009. “Recordkeeping.” Pp. 107–10. In Clay, D.E., K.D. Reitsma, and S.A. Clay (eds). *Best Management Practices for Corn Production in South Dakota*. EC929. South Dakota State University, South Dakota Cooperative Extension Service, Brookings, SD.

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*Best Management Practices for Corn Production in South Dakota* is the collective work of agricultural professionals from South Dakota State University, South Dakota Cooperative Extension Service, and Cooperative State Research, Education, and Extension Service. All content has been peer-reviewed and includes 66 informational tables and over 100 full-color illustrations.

Best Management Practices for Corn Production in South Dakota

Access at <http://agbiopubs.sdstate.edu/articles/EC929.pdf>

Introduction

Access at <http://agbiopubs.sdstate.edu/articles/EC929.00.pdf>

Chapter 1: Corn Growth and Development

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Chapter 2: Corn Hybrid Selection

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Chapter 3: Corn Planting Guide

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Chapter 4: Seasonal Hazards—Frost, Hail, Drought, and Flooding

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Chapter 5: Tillage, Crop Rotations, and Cover Crops

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Chapter 6: Irrigation and Salt Management

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Chapter 7: Soil Fertility

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Chapter 8: Corn Insect Pests

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Chapter 9: Corn Diseases in South Dakota

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Chapter 10: Weeds and Herbicide Injury in Corn

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Chapter 11: Corn Grain Harvest

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Chapter 12: Corn Drying and Storage

Access at <http://agbiopubs.sdstate.edu/articles/EC929.12.pdf>

Chapter 13: Recordkeeping

Access at <http://agbiopubs.sdstate.edu/articles/EC929.13.pdf>

Chapter 14: Useful Calculations: Corn Yields and Storage Requirements

Access at <http://agbiopubs.sdstate.edu/articles/EC929.14.pdf>

Chapter 15: Corn Calendar and Troubleshooting Guide

Access at <http://agbiopubs.sdstate.edu/articles/EC929.15.pdf>

Chapter 16: Websites with Related Information

Access at <http://agbiopubs.sdstate.edu/articles/EC929.16.pdf>