



# North Dakota Field Crop Insect Management Guide

For use in 2010 only

Prepared by Janet Knodel Extension Entomologist

E-1143, December 2009

# **<u>2010 Field Crop Insect Management Guide</u>** (Entire Pub PDF 1.3 MB)

compiled by **Janet Knodel, Extension Entomologist**, in cooperation with Patrick Beauzay and Mark Boetel

This is your reference copy of the 2010 edition of the NORTH DAKOTA INSECT MANAGEMENT GUIDE. The recommendations conform to the current federal and state laws and regulations relating to pesticidal chemicals at the time of printing. However, since pesticide recommendations are frequently subject to change, and inasmuch as this publication is revised only once each year, it is extremely important that you keep in contact with North Dakota State University for up-to-date information on possible changes in certain insecticide use patterns.

The Federal Insecticide, Fungicide and Rodenticide Act, as amended, makes it illegal to use any pesticides in a manner inconsistent with the label. Therefore, it is of the utmost importance that insecticide users READ, UNDERSTAND and FOLLOW all label directions and precautions.

Trade names have been used in some cases for simplicity and their usage does not imply endorsement of one product over another nor discrimination against any product by the North Dakota State University Extension Service. Some compounds have been omitted

because they are not available, present unnecessary hazards to the user, or there is a lack of efficacy when compared to other available products.

### CAUTION!!!

The entomology staff at North Dakota State University believes that the recommendations in the guide are essentially accurate. However, since we do not exercise control over their use and the manner or conditions under which they are used, we assume no responsibility for personal injury, property damage or other types of loss resulting from the handling or use of the pesticides listed herein. PLEASE DISCARD ALL EARLIER EDITIONS OF THE NORTH DAKOTA INSECT CONTROL GUIDE.

### 2010 Field Crop Insect Management Guide

# **Introduction**

Insecticide Control Recommendations

Insecticide Classes

Toxicity of Insecticides

The Effect of Water pH on Insecticides

Reporting Damage Due to Pesticide Applications

North Dakota Field Posting Regulations

Managing Insecticides to Prevent Groundwater Contamination

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Corn

**Field Pea** 

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Lentil

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Quick Reference Charts - Insecticides for Field Crops

Quick Reference Charts - Insecticides for Vegetable Crops

Quick Reference Charts - Insecticides for Lawn and Ornamental

**Insecticide Prices** 

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