

<http://www.oznet.ksu.edu/entomology/extension/extension.htm>

## Kansas Insect Newsletter

For Agribusinesses, Applicators, Consultants, and Extension Personnel

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# *Managing Soybean Aphids in 2007—How Will Biological Control Contribute?*

A distance education short course

**March 6, 2007, 8:30 a.m. to 12:30 p.m. (CDT)**

On March 6, 2007, entomologists from throughout the Midwest will present a short course focused on management of soybean aphids in 2007, with emphasis on biological control, including conservation of natural enemies. Experts from several states will deliver the short course via distance education technology.

Topics will include:

- History and biology of the soybean aphid
- Review of the soybean aphid situation  
Biological control of soybean aphids—What is it? What do we have to work with in the United States?
- Introducing new natural enemies into the U.S.
- Preparing for soybean aphids in 2007—Management guidelines, and the potential for biological control. What is it we don't know that will help us in the future?
- Questions, answers, feedback

For more information download the following Acrobat file: Soybean Aphid Biological Control Short Course

<http://www.entomology.ksu.edu/DesktopModules/ViewDocument.aspx?DocumentID=42>  
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## Field Crop Insect Management Guides 2007

The new 2007 insect management guides for Kansas field crops are now available. Printed copies can be picked up at your local County Extension offices or they are available on line at:

Alfalfa: <http://www.oznet.ksu.edu/library/ENTML2/MF809.pdf>

Corn: <http://www.oznet.ksu.edu/library/ENTML2/Mf810.pdf>

Cotton: <http://www.oznet.ksu.edu/library/entml2/mf2674.pdf>

Sorghum: <http://www.oznet.ksu.edu/library/entml2/MF742.PDF>

Soybean: <http://www.oznet.ksu.edu/library/ENTML2/Mf743.pdf>

Sunflower: <http://www.oznet.ksu.edu/library/ENTML2/MF814.PDF>

Wheat: <http://www.oznet.ksu.edu/library/ENTML2/MF745.PDF>

# Highlighted Changes for 2007 Insect Management Guides

## General

1. Beta-cyfluthrin (Baythroid XL) is a new product from Bayer that is replacing Cyfluthrin (Baythroid 2).

## Alfalfa

1. Spinosad (Tracer) now has a supplemental label for use on armyworms on alfalfa.

## Corn

1. Syngenta has introduced a new corn rootworm resistant trait, Agrisure RW with event MIR 604 to be marketed by Garst, Golden Harvest, NK and other seed companies.

2. Agriliance, LLC has registered Deltamethrin (Delta Gold) for use in Kansas. It is labeled for use against several corn pests including cutworms, corn borers and grasshoppers.

3. Capture LFR (Liquid Fertilizer Ready) is a new formulation of bifenthrin from FMC that is designed to provide easier mixing with liquid fertilizer. It is labeled for planting time applications for controlling rootworm and seedling pests of corn.

## Cotton

1. Agriliance, LLC has registered Deltamethrin (Delta Gold) for use in Kansas. It is labeled for use against several cotton pests including thrips, fleahoppers and bollworm.
2. FMC has introduced a new insecticide Flonicamid (Carbine) for control of plant bugs, aphids and fleahoppers on cotton.

## **Sorghum**

1. Imidacloprid (Concur) a planter box, seed treatment has a new supplemental label for protecting sorghum against seedcorn beetle, seedcorn maggot, wireworms, white grubs and flea beetles.
2. Agriliance, LLC has registered Deltamethrin (Delta Gold) for use in Kansas.
3. Clothianidin (Poncho) has a new supplemental label to treat sorghum seed from Bayer CropScience. for used against black cutworms, aphids (including greenbugs and corn leaf aphids), chinch bugs, white grubs and wireworms.
4. Gowan has announced a Special Local Need Registration for methidathion (Supracide 2E) for use against Banks grass mite and greenbug on grain sorghum grown for forage and grain.

## **Soybeans**

1. Agriliance, LLC has registered Deltamethrin (Delta Gold) for use in Kansas. It is labeled for use against several soybean pests including green cloverworm, grasshoppers, and yellow woollybear caterpillars.
2. Methoxyfenozide (Intrepid 2F) from Dow AgroSciences now has a supplemental label for foliar insect control in Soybean for green cloverworm and saltmarsh caterpillar.

## **Sunflowers**

1. Agriliance, LLC has registered Deltamethrin (Delta Gold) for use in Kansas. It is labeled for use against several sunflower pests including sunflower moth, sunflower stem weevil, sunflower seed weevil.

## **Wheat**

1. New biotype of Russian wheat aphid that is virulent on all previously released Russian wheat aphid resistant wheat varieties was confirmed to be present in western Kansas in 2006.
2. Certified seed of RonL will be available to producers for the first time in 2007. RonL is the latest KSU white wheat release and carries a high level of resistance to WSMV when planted appropriately

Brand names appearing in this publication are for product identification purposes only.  
No endorsement is intended, nor is criticism implied of similar products not mentioned.

Sincerely,

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