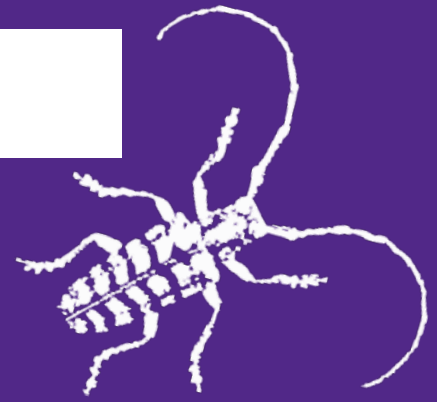


Kansas State University Extension Entomology Newsletter

For Agribusinesses, Applicators, Consultants, Extension Personnel & Homeowners

Department of Entomology
123 West Waters Hall
K-State Research and Extension
Manhattan, Kansas 66506
785-532-5891
<http://blogs.k-state.edu/kansasbugs/>
<http://www.entomology.ksu.edu/extension>



July 21, 2016 No. 20

First report of sugarcane aphid in Kansas sorghum for 2016

Corn Pests

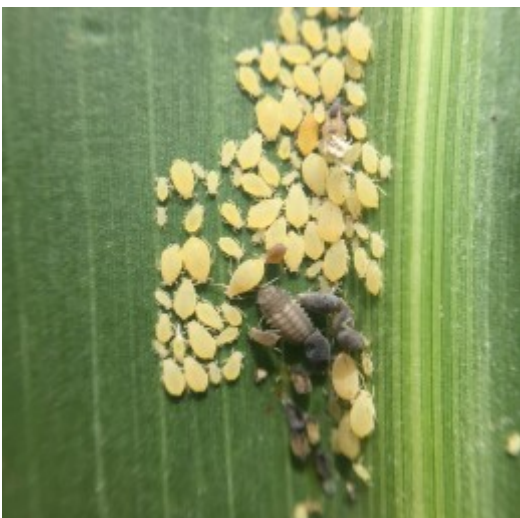
Alfalfa Pests

Soybean Pests

Insect Diagnostic Laboratory Report

First report of sugarcane aphid in Kansas sorghum for 2016

Our team has been actively scouting sorghum fields the past few weeks for any infestations of sugarcane aphid, which is a relatively new pest affecting Kansas sorghum. We received a report from Jill Zimmerman (KSRE Extension Agent, Cowley County, KS) on July 18, 2016 of a potential infestation in a commercial field near the Sumner/Cowley County border; the report was confirmed in two fields this morning by a state specialist. Based on the size of the aphid populations observed, which included several plants that were producing winged aphids (i.e., alates), this field was first infested approximately 3-4 weeks ago. A significant number of natural enemies were observed feeding on aphids, which can help to slow aphid growth.



Kansas Insect Newsletter

July 21, 2016 No. 20

Sugarcane aphid populations have been slow to build in Texas and Oklahoma this growing season. This record is approximately 10 days sooner than when we found aphids in 2015. Aphid densities are well below threshold, but those with sorghum fields are encouraged to scout fields now.



Report all new infestations by contacting your county extension agent. For myFields.info users, submit reports using the Pest Sampler module (https://www.myfields.info/pest_sampler). To receive pest alerts about sugarcane aphid, create an account (<https://www.myfields.info/user/register>) and include your state and county information to receive notifications specific to your area.

For more information on sampling procedures, action thresholds, or effective insecticides, visit <https://www.myfields.info/sca>.

Scout early, scout often, and know before you spray.

by the KSRE Field Crop Extension Entomology Team

HOME

Corn Pests

Most corn pests have come and gone throughout north central and south central Kansas, with a few exceptions. Japanese beetle adults have been causing concern in north eastern KS, from about Topeka to the Nebraska border and east to the Missouri border.



These beetles are attracted to green silks and can feed so voraciously that they eat into the husks and damage some of the kernels on the tip. These populations usually do not occur in such numbers to affect pollination over a large area of many fields. However, in small areas they can cause concern but are relatively well controlled if a foliar insecticide is justified. Some adult green June beetles are also feeding on corn silks and/or 'naked ears' and have been mistaken for Japanese beetles. Japanese beetles usually

Kansas Insect Newsletter

July 21, 2016 No. 20

migrate to soybean fields to feed on pollen when fields start pollinating but probably not to the extent that they affect yield.

Alfalfa Pests

Fields sampled three weeks ago had relatively large numbers of potato leafhoppers, i.e. 20+/20 sweeps. These fields were swathed approximately two weeks ago and averaged 2 potato leafhoppers/20 sweeps, below the treatment threshold. Thus, timely swathing can be very beneficial in managing potato leafhoppers, without use of an insecticide application.

Soybean Pests

Soybeans continue to be relatively pest free in north central and south central Kansas.

Jeff Whitworth

Holly Schwarting

HOME

Insect Diagnostic Laboratory Report

<http://entomology.k-state.edu/extension/diagnostician/recent-samples.html>

Eva Zurek

HOME

Kansas Insect Newsletter

July 21, 2016 No. 20

Sincerely,

Jeff Whitworth
Extension Specialist
Field Crops
phone: 785/532-5656
e-mail: jwhitwor@ksu.edu

Holly Schwarting
Research Associate
Phone: (785) 532-4730
e-mail: holly3@ksu.edu

Brian McCornack
Associate Professor/Extension Entomologist
Kansas State University
Field Crops and Mobile Technology
Phone: 785/532-4729
email: mccornac@ksu.edu

Wendy A. Johnson
Research Associate
Department of Entomology
Kansas State University
Phone: 785/532-4736
email: wendyann@ksu.edu

J. P. Michaud
Integrated Pest Management - Entomology
Agricultural Research Center - Hays, KS
Phone: (785) 625-3425
e-mail: jpmi@ksu.edu

Kansas Insect Newsletter

July 21, 2016 No. 20

Sarah Zukoff
Assistant Professor/Extension Entomologist
Kansas State University
Southwest Research and Extension Center
4500 East Mary St.
Garden City, Kansas 67846
Phone: 620-275-9164
Fax: 620-276-6028
Cell: 620-290- 1111
email: snzukoff@ksu.edu

Eva Zurek
Insect Diagnostician
Phone: (785) 532-4710
e-mail: ezurek@ksu.edu



Kansas State University is committed to making its services, activities and programs accessible to all participants. If you have special requirements due to a physical, vision, or hearing disability, contact *LOCAL NAME, PHONE NUMBER*. (For TDD, contact Michelle White-Godinet, Assistant Director of Affirmative Action, Kansas State University, 785-532-4807.)

Kansas State University Agricultural Experiment Station and Cooperative Extension Service

K-State Research and Extension is an equal opportunity provider and employer. Issued in furtherance of Cooperative Extension Work, Acts of May 8 and June 30, 1914, as amended. Kansas State University, County Extension Councils, Extension Districts, and United States Department of Agriculture Cooperating, John D. Floros, Director.