

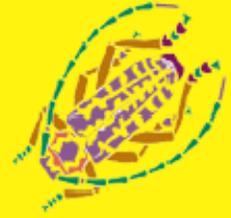
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## Kansas Insect Newsletter

For Agribusinesses, Applicators, Consultants, and Extension Personnel

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The New Year has begun and it is time to reflect on the past and focus on the future. The past year has brought on some major changes in our Entomology Extension Unit. The tragic death of Dr. Randy Higgins was a major loss to both the Research and Extension programs at K-State. But on the positive side we gained a new Horticultural Entomologist, Dr. Ray Cloyd, and have hopes of filling Field Crops Entomology position vacancy. Another major change in our staff came this winter when our Insect Diagnostician, Bobby Brown, took another job with Purdue University. To temporarily fill the Insect Diagnostician position we have hired Elizabeth Murray. To help you know who to contact with your insect questions the following is a listing of our current faculty and their specialties.

## Entomology Extension Faculty - 2007

Robert Bauernfeind -- [rbauernf@ksu.edu](mailto:rbauernf@ksu.edu)

Vegetables, Turf, Fruit, Floriculture, Ornamentals and Woody Plant Insects plus Insect Zoo and Youth Entomology Coordinator

Alberto Broce -- [abroce@ksu.edu](mailto:abroce@ksu.edu)

Livestock Entomology

Ray Cloyd -- [rcloyd@ksu.edu](mailto:rcloyd@ksu.edu)

Horticultural Crops (ornamentals, fruit/vegetables, greenhouse)

Sharon Dobesh -- [sdobesh@ksu.edu](mailto:sdobesh@ksu.edu)

Pesticide Laws and Household Pests plus Pesticide Training and IPM Program Coordinator

Robert J. (Jeff) Whitworth -- [jwhitwor@ksu.edu](mailto:jwhitwor@ksu.edu)  
Crop Pests (Alfalfa, Corn, Cotton, Sorghum, Soybeans, Sunflowers and Wheat) plus  
Household and Stored Product Pests

Ludek Zurek -- [lzurek@ksu.edu](mailto:lzurek@ksu.edu)  
Medical Entomology

### **Off-campus Faculty**

Phillip E. (Phil) Sloderbeck -- [psloderb@ksu.edu](mailto:psloderb@ksu.edu) Field Crop Insects, Stored Grain Insects  
and 4-H Entomology State Leader for Entomology Extension Southwest Area Extension  
Office - Garden City

JP Michaud -- [jpmi@ksu.edu](mailto:jpmi@ksu.edu) Integrated Pest Management – Sunflowers, Sorghum and  
Wheat Agricultural Research Center - Hays

### **Support Staff**

Elizabeth Murray -- [emurray@ksu.edu](mailto:emurray@ksu.edu) Diagnostician (Arthropod identification)

Sharon Schroll -- [sschroll@ksu.edu](mailto:sschroll@ksu.edu) Office Professional

If you have questions contact the Entomology Extension Office at: Phone: 785/532-5891  
or visit our web site at: <http://www.entomology.ksu.edu/Extension>

## **Do something now to control spring populations of stable flies in pastures**

Spring-early summer populations of stable flies in pastures develop at winter feeding sites of hay in round bales. When hay wasted during feeding is mixed with cattle or horse manure it develops into ideal larval habitats for stable flies. The production of stable flies from these habitats is a function of the amount of wasted hay and the accumulation of the hay/manure medium. Hay:manure ratios of 1:1 to 5:1 provide ideal media for developing stable fly larvae. Thus, any measure undertaken to lower the amount of wasted hay and/or to control or reduce the accumulation of the hay:manure medium will help to lower the production of stable flies at these feeding sites. This can be achieved by any of various practices, as follows: a) moving frequently the placement of the feeding tub to prevent the accumulation over one spot of the hay:manure medium; b) use of feeders, such as cone feeders, demonstrated to lower (although not prevent) the amount of wasted hay; c) unrolling the round bales on pastures, but not over the same site; d) spreading the accumulated hay:manure medium to allow it to dry. Economic levels of stable fly populations in pastures appear to be of significance only during a period of 4 to 6 weeks during the spring-early summer, yet they can during this period reduce weight gain of stockers by 0.5 lb/head/da

Alberto Broce

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Sincerely,

Phil Sloderbeck  
Southwest Research and Extension Center  
Entomology - Garden City, KS

Alberto Broce  
Livestock Entomologist