



**Resources for Solving Household and Structural Insect Pest Problems:** Wood-destroying insects, like termites and powderpost beetles, and household insects, like cockroaches and stored product pests, are common pest problems in homes and businesses throughout the state. When you have problems with these type pests it helps to have information on their identification, biology, and control. Here's a list of MSU Extension Service resources that provide this kind of information. These publications and websites can be found at [www.msucare.com](http://www.msucare.com), or you can request a copy of most of these publications from your county extension office.

**Web Site: Insect Pests in the Home:**

<http://msucare.com/insects/home/index.html>

This web site contains photos of common household insect pests and spiders and provides links to publications on household insect pests. It also provides links to a number of newsletter articles about specific household insects, such as drugstore beetle and cigarette beetles, carpenter bees, home invading spiders and a variety of other topics.

**Termite Publications:** Termite control is not a do-it-yourself project! If you want to be sure a building is properly protected from termites, you need to have it treated professionally. The following two publications provide home and business owners with the information needed to understand termite biology and the very real economic threat they pose and to be able to make sound termite management decisions.

Publication 2568, *Protect Your House from Termites*, <http://msucare.com/pubs/publications/p2568.pdf>

This publication answers most of the questions home and business owners have about termite biology, signs of infestation, common termite risk factors, and how to properly treat existing buildings for termites.

Publication 2765, *What Home Builders Need to Know About Termites*,

<http://msucare.com/pubs/publications/p2765.pdf>

This publication is specifically for people who are building a new house or other building. It provides information on various types of foundation construction and discusses building practices that can help reduce risk of termite infestation. Different types of termite pretreatment methods are discussed in detail and information on the effectiveness and durability of common termite insecticides is also provided.

**Flea Publication:**

Publication 2597, *Control Fleas on Your Pet, in Your House, and in Your Yard*,

<http://msucare.com/pubs/publications/p2597.pdf>

If you need to control fleas it helps to have a good understanding of their biology, and this publication provides detailed information on this subject. It also discusses flea control in all three areas where they occur: on the pet, in the house, and in the yard, and gives recommended treatments for each situation.

**Bed Bug Publications:**

Publication 2546, *Bed Bugs and what to do about them*, <http://msucare.com/pubs/publications/p2546.pdf>

This publication, by Extension Medical Entomology Specialist, Dr. Jerome Goddard, tells you how to identify bed bugs, how to keep from bringing them home with you when traveling, and what to do if you do get them

in your home. Bed bug control is not a do-it-yourself project, but the information in this publication will help you do a better job of working with your pest control company to get control as quickly as possible.

Publication 2649, *Bed Bug Q&A for Students*, <http://msucares.com/pubs/publications/p2649.pdf>

This two page publication, also written by Dr. Goddard, specifically targets college students, but it would also be useful to people staying at summer camps or other dormitory-like settings. It provides information on how to identify bed bugs, what to do if you find them in a dorm room, and how to avoid an infestation.

### **Cockroaches and Other Household Insect Pests Publications:**

Publication 2443, *Control Household Insect Pests*, <http://msucares.com/pubs/publications/p2443.pdf>

This is a large publication that contains “chapters” that are equivalent to 17 different extension publications. It addresses cockroaches and most other household insect pests that one is likely to encounter. The following table shows the specific “chapters” that are included. Because this 43 page publication is only printed in small quantities, copies are not available at county extension offices, but it is readily accessible on-line at the address given above, and this on-line version contains an index that allows you to click to the particular “chapter” of interest. Alternatively, your county extension office can print the pages that address the pest you are interested in.

Managing Household Pests	Buying and Using Insecticides in the home	Insecticide Formulations
Cockroaches	Ants (small house-infesting ants)	Fire Ants (indoors)
Carpenter Ants	Carpenter Bees	Fabric Pests
Stored Food Pests	Spiders	Asian Lady Beetles
Occasional Invaders	Silverfish	Springtails
Houseflies and other large flies	Fruit Flies and other small flies	

Publication 2407, *Control Argentine Ants and Odorous House Ants in the Home*,

<http://msucares.com/pubs/publications/p2407.pdf>

This publication specifically addresses the biology and control of these two difficult to control pest ants.

Publication 2429, *Control Fire Ants in Your Yard*, <http://msucares.com/pubs/publications/p2429.pdf>

Although this publication focuses specifically on controlling fire ants outdoors, in the lawn and landscape, controlling fire ants around the outside perimeter of the building is the best way to prevent indoor fire ant invasions. See the “Fire Ants (indoors)” chapter of Publication 2443 for information on indoor control.

*Tawny Crazy Ant Control Recommendations:* Tawny crazy ants are a new, invasive ant species that has recently invaded Mississippi. Because of their huge numbers, these are the most difficult ants to control. So far, infestations are restricted to the three coastal counties, Jackson, Harrison, and Hancock. County agents in these infested counties can provide copies of this “White Paper” on Tawny Crazy Ant Control Recommendations. Due to the restricted distribution of tawny crazy ants, this information has not yet been converted into an official Extension Publication. However, it is anticipated that tawny crazy ants will continue to expand their distribution within the state.



## Extension Entomology Specialists Contacts

Specialist	Primary Contact for insect pests of:	Phone Number	E-mail	Location
Dr. Jeff Harris	Honey Bees and Hobby Beekeeping Commercial Apiculture	662-325-2976	jharris@entomology.msstate.edu	MSU, Lyle Entomology Building
Dr. John Guyton	4-H Entomology Bug Camp	662-325-3482	jpguyton@entomology.msstate.edu	MSU, Lyle Entomology Building
Dr. Angus Catchot	Cotton Soybeans Corn and Milo Wheat Stored Grains	662-325-2074	acatchot@entomology.msstate.edu	MSU, Lyle Entomology Building
Dr. Jeff Gore	Cotton Rice Peanuts	662-820-9969	jpgore@drec.msstate.edu	Stoneville, Delta R&E Center
Mr. Gene Merkl	Pesticide App. Training, Private (20%) Pesticide App. Training, Commercial (80%)	662-325-2018	gm53@msstate.edu	MSU, Lyle Entomology Building
Dr. Jerome Goddard	Medical Entomology Veterinary Entomology	662-325-2986	jgoddard@entomology.msstate.edu	MSU, Lyle Entomology Building
Dr. Blake Layton	<p style="text-align: center;"><i>Primary Focus Areas</i> (80% time allocation)</p> Household and Structural Insects (inc. Termites) (15%) Commercial Pest Control Industry (15%) Home Lawns and Ornamentals (inc. Fire Ants) (25%) Home Vegetables (13%) Insect Identification (10%) Master Gardner, Entomology (1%) Master Naturalist, Entomology (1%) ..... <p style="text-align: center;"><i>Secondary Areas/limited service</i> (20% time allocation)</p> Commercial Vegetables (3%) Commercial Fruits (1%) Commercial Pecans (1%) Commercial Ornamental Plants (10%) Commercial Turf (4%) Pasture and Forage Crops (1%)	662-325-2960	blayton@ext.msstate.edu	MSU, Lyle Entomology Building



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