The Alabama Pest Management Handbook—Volume II contains recommendations for houses, buildings, and grounds; commercial trees and ornamental crops; commercial horticultural crops; and homeowner lawns and ornamental and garden crops. It was compiled by both current and former Extension entomologists, plant pathologists, weed scientists, and a pesticide education specialist and provides the most recent information possible on the selection, rates, application, and safe and proper use of pesticides. A directory of the specialists who authored sections in this publication is included.

Since the status of pesticides is constantly changing, some that are currently listed in this volume of the Alabama Pest Management Handbook may no longer be legal. Also, some recently labeled pesticides may not yet be included in this volume. For these reasons, anyone preparing to use a pesticide should always consult the current pesticide label on the container before application.

Chemicals are listed both by common names (lowercase letters) and by trade names (all capital letters). Some chemicals are available only under trade names and, therefore, their common names may be omitted because of space restrictions. The presence or absence of any particular trade name in no way indicates endorsement or discrimination on the part of the Alabama Cooperative Extension System.

Recommended uses of pesticides are based on research, field trials, demonstrations, and experience. Because of variations in environmental conditions and methods of application, these recommendations do not assure that your results will always be the same as those obtained in research.

The label on every pesticide container presents information that is essential to safe and proper use, handling, and storage of the pesticide. Users are responsible for adhering to label information and should always review it thoroughly before applying the pesticide. Applying rates that exceed the recommendations or shortening the waiting period from application to harvest or grazing can cause excessive residues that are illegal according to state and federal regulations.

See the table at the end of this introduction for abbreviations used throughout the Alabama Pest Management Handbook.
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ABBREVIATIONS

The following abbreviations are used throughout the Alabama Pest Management Handbook.

Use pesticides only according to the directions on the label. Follow all directions, precautions, and restrictions that are listed. Do not use pesticides on plants that are not listed on the label.

The pesticide rates in this publication are recommended only if they are registered with the Environmental Protection Agency or the Alabama Department of Agriculture and Industries. If a registration is changed or canceled, the rate listed here is no longer recommended. Before you apply any pesticide, check with your county Extension agent for the latest information.

Trade names are used only to give specific information. The Alabama Cooperative Extension System does not endorse or guarantee any product and does not recommend one product instead of another that might be similar.

A.............................................................. acre(s)
a.i. ......................................................... active ingredient
AS .......................................................... aqueous suspension
bu. ......................................................... bushel(s)
cu.ft...................................................... cubic foot (feet)
cwt ........................................................ hundredweight
DF ......................................................... dry flowable
E ............................................................ emulsifiable
EC ......................................................... emulsifiable concentrate
F ............................................................ flowable
F. .......................................................... Farenheit
fl.oz. ..................................................... fluid ounce(s)
ft. .......................................................... foot (feet)
G ............................................................ granule
gal. ........................................................ gallon(s)
kg ............................................................ kilogram(s)
lb. .......................................................... pound
LC ........................................................ liquid concentrate
LD ........................................................ lethal dose
mg ........................................................ milligram(s)
min. ...................................................... minute(s)
ml ........................................................ milliliter(s)
oz. ........................................................ ounce(s)
PDS ....................................................... postemergence directed spray
POST ................................................... postemergence
POT ...................................................... postemergence over-the-top
PPI ......................................................... preplant incorporated
ppm ...................................................... parts per million
PRE ...................................................... preemergence
psi ........................................................ pounds per square inch
pt. .......................................................... pint(s)
qt. .......................................................... quart(s)
RWA ..................................................... rope wick applicator
S ............................................................ sprayable
SL ........................................................ sprayable liquid
SP ........................................................ soluble powder
sq.ft. ..................................................... square foot (feet)
t. ........................................................... teaspoon
T. .......................................................... tablespoon
W ............................................................ wettable
WDG .................................................... water dispersible granules
WP ........................................................ wettable powder
< .................................................................. less than
> .................................................................. greater than
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For more information, contact your county Extension office. Visit www.aces.edu/counties or look in your telephone directory under your county's name to find contact information.

Use pesticides only according to the directions on the label. Follow all directions, precautions, and restrictions that are listed. Do not use pesticides on plants that are not listed on the label.

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