

TO GOOD GARDEN BUGS OF THE SOUTHEAST

KEY: COMMON NAME

Average length

F — Food



APHID MIDGE
Range 1–2 mm
F: Aphids



ROBBER FLY
Range 5–25 mm
F: General predator

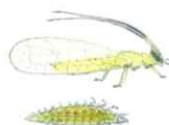
DAMSEL FLY
Range 18–40 mm
F: Soft-bodied insects



DAMSEL FLY NYMPH
25 mm
F: Soft-bodied insects



BROWN LACEWING
12 mm
F: Aphids, mealybugs, scale insects, small insects



GREEN LACEWING & LARVA
Range 12–18 mm
F: Aphids, small insects



DRAGON FLY
Range 18–80 mm
F: Soft-bodied insects



DRAGON FLY NYMPH (AQUATIC)
60 mm
F: Aquatic larva, mosquito larva



TACHINID FLY
Range 7–13 mm
F: Larva parasitic on true bugs



TACHINID FLY
Range 8–13 mm
F: Larva parasitic on general predators



AMBUSH BUG
15 mm
F: Butterflies, flies, moths, true bugs



ASSASSIN BUG
Range 12–18 mm
F: Beetles, caterpillars, hornworms, insects



ANT LION
Up to 100 mm
F: Ants, small insects



PAPER WASP
25 mm
F: Larva eats insects



SYRPHID FLY (HOVER FLY) & LARVA
14 mm
F: Larva eats aphids, scale insects



DAMSEL BUG
Range 12–18 mm
F: Aphids, caterpillars, small insects, thrips



BIGEYED BUG
3 mm
F: Aphids, mites, small insects



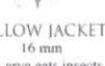
BANDED-WING THRIP
1.5 mm
F: Small insects



SIX-SPOTTED THRIP
1 mm
F: Borers, eggs, leafworms, white flies



BOLD-FACED HORNET
20 mm
F: Larva eats insects



YELLOW JACKET
16 mm
F: Larva eats insects



BATHYPLECTES WASP
5 mm
F: Alfalfa weevils



BRACONID WASPS
Range 4–12 mm
F: Armyworms, cabbage worms, hornworms, insects, moths



TRICHOGRAMMA WASPS
Range 0.5–1 mm
F: Cabbage worms, corn earworms, insect eggs, horn worms, fruitworms, loopers



WHITE FLY PREDATORY BEETLE
1 mm
F: White flies



BLACK LADY BEETLE & LARVA
Range 5–7 mm
F: Spider mites



MEALYBUG DESTROYER & LARVA
3 mm
F: Aphids, mealybugs



APHID WASP
3 mm
F: Aphids



ICHNEUMON WASPS
Range 4–30 mm
F: Caterpillars, insects



CRAB SPIDER
10 mm
F: General predator



TIGER BEETLE & LARVA
Range 12–18 mm
F: General predator



SOLDIER BEETLE
8–12 mm
F: Insect eggs and larvae



COMMON BLACK GROUND BEETLE
16 mm
F: General predator



ROVE BEETLE
18 mm
F: Aphids, maggots, mites, springtail fly eggs



WOLF SPIDER
14 mm
F: General predator



PREDACEOUS MITE
0.8 mm
F: Spider mites, small insects



CONVERGENT LADY BEETLE & LARVA
6 mm
F: Aphids, small insects



TWO-SPOTTED LADY BEETLE & LARVA
6 mm
F: Aphids, small insects



GREEN PUBESCENT GROUND BEETLE
10 mm
F: General predator



COLLOPS BEETLE
10 mm
F: General predator



PRAYING MANTIS
Range 18–115 mm
F: Caterpillars, insects



CENTIPEDE
60 mm
F: General predator

General Bad Bugs by Habitat

General Pests

Aphid
Armyworm
Blister beetle
Corn earworm
Cutworm
European corn borer
Grasshopper
Grub
Leafhopper
Leafminer
Mite
Slug
Weevil
Wireworm

Asparagus
Asparagus beetle

Beans
Bean beetle
Bean-leaf beetle

Cowpea curculio
Cucumber beetle
Mite
Thrip
White fly

Beets, Carrots, & Root Vegetables
Flea beetle
Maggot
Thrip

Cabbage, Chard, Lettuce, & Spinach
Cabbage looper
Cabbage worm
Diamondback moth
Harlequin bug
Maggot

Citrus
Armyworm

Leafroller
Scale insect

Corn
Armyworm
Corn earworm
Cucumber beetle
European corn borer

Cucumbers, Melons, & Squash
Pickleworm
Spotted cucumber beetle
Squash bug
Striped cucumber beetle

Eggplant & Peppers
Corn borer
Cowpea curculio
Flea beetle
Potato tuberworm
Tomato pinworm

Grapes
Conspire stink bug
Grape leafhopper
Scale insect
Squash bug

Indoor Plants & Greenhouses
Mealybug
Mite
White fly

Lawn
Chinchbug
Crane fly
Lawn moth

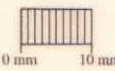
Ornamentals & Trees
Aphid
Bagworm
Blister beetle
Boring beetle

Cutworm
Earwig
Flea beetle
Grasshopper
Leafhopper
Leafminer
Leafroller
Leaf-tier
Mite
Root weevil
Scale insect
Spittlebug
Stink bug
Thrip
Webworm
White fly

Peas
Corn borer
Cowpea curculio
Weevil

Potatoes
Blister beetle
Flea beetle
Mite
Potato beetle
Potato tuberworm
Tomato pinworm

Pickleworm
Potato beetle
Tomato fruitworm
Tomato pinworm



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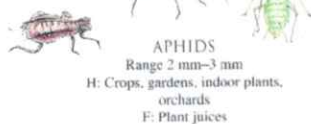


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MAC'S FIELD GUIDE™ TO BAD GARDEN BUGS OF THE SOUTHEAST



APHIDS
Range 2 mm–3 mm
H: Crops, gardens, indoor plants, orchards
F: Plant juices



HARLEQUIN BUG
10 mm
H: Crops, gardens
F: Plant juices



THRIPS
2 mm
H: Crops, gardens
F: Plant juices



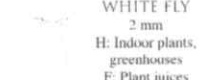
FLEA BEETLES
Range 4–5 mm
H: Crops, gardens
F: Plant juices



COWPEA CURCULIO
Range 4–15 mm
H: Crops, gardens
F: Foliage



WEEVILS (BEAN, BILLBUG)
Up to 15 mm
H: Crops, gardens
F: Foliage, flowers



WHITE FLY
2 mm
H: Indoor plants, greenhouses
F: Plant juices



SOYBEAN LOOPER
35 mm
H: Crops, gardens
F: Foliage



VELVET BEAN CATERPILLAR
48 mm
H: Crops
F: Foliage



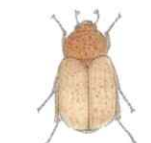
CORN EARWORM (TOMATO FRUITWORM) & ADULT
40 mm
H: Crops, gardens
F: Plant tissues



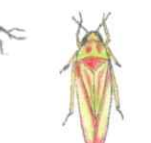
MAGGOT
8 mm
H: Crops, gardens
F: Plant tissues



STINK BUGS
18 mm
H: Crops, gardens, orchards
F: Plant juices



MAY BEETLE (JUNE BEETLE)
20–40 mm
H: Grasslands, farmlands
F: Foliage, roots



SCARLET-AND-GREEN LEAFHOPPER
10 mm
H: Crops, gardens
F: Plant juices



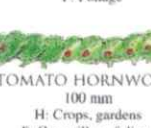
BEET ARMYWORM & ADULT
31 mm
H: Crops, gardens
F: Foliage



ARMYWORM
35 mm
H: Crops, gardens
F: Plant tissues



IMPORTED CABBAGE WORM & ADULT
Up to 25 mm
H: Crops, gardens
F: Foliage



TOMATO HORNWORM
100 mm
H: Crops, gardens
F: Caterpillars, foliage



SQUASH BUG
17 mm
H: Crops, gardens
F: Plant juices



BLISTER BEETLE
12 mm
H: Crops
F: Foliage



SWEET POTATO WHITE FLY
2 mm
H: Crops
F: Plant juices



GREEN LEAFHOPPER
3 mm
H: Crops, gardens
F: Plant juices



MEALYBUG
3 mm
H: Greenhouses, indoor plants
F: Plant juices



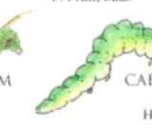
DIAMONDBACK MOTH & LARVA
8 mm
H: Crops, gardens
F: Foliage



GARDEN OR FALL WEBWORM
12 mm
H: Foliage, plants
F: Plant juices



TOBACCO BUDWORM & ADULT
35 mm
H: Crops, gardens
F: Fruit, buds



CABBAGE LOOPER
Up to 35 mm
H: Crops, gardens
F: Foliage



LEAF-FOOTED PLANT BUG
18 mm
H: Crops, gardens
F: Plant juices



CUCUMBER BEETLES
7 mm
H: Crops, gardens
F: Foliage



MEXICAN BEAN BEETLE & LARVA
7 mm
H: Crops, gardens
F: Foliage



TWO-LINED SPITTLEBUG
6 mm
H: Grass
F: Plant juices



SCALE INSECTS
2–7 mm
H: Gardens, trees
F: Plant juices



LESSER CORNSTALK BORER & ADULT
18 mm
H: Crops, gardens
F: Stem tissues



GARDEN OR FALL WEBWORM
12 mm
H: Foliage, plants
F: Plant juices



PICKLEWORM
20 mm
H: Crops, orchards
F: Blossoms, fruit, foliage



EUROPEAN CORN BORER
Up to 45 mm
H: Crops, gardens
F: Plant tissues



EASTERN PLANT BUG
Range 5–10 mm
H: Crops, gardens
F: Plant juices



COLORADO POTATO BEETLE & LARVA
11 mm
H: Crops, gardens
F: Foliage



BEAN LEAF BEETLE
6 mm
H: Crops, gardens
F: Foliage



BAGWORM
20 mm
H: Gardens, trees
F: Foliage



CODLING MOTH
Up to 20 mm
H: Crops, gardens
F: Larva, fruit



BEAN LEAFROLLER
35 mm
H: Crops, gardens
F: Foliage



CUTWORM
Up to 50 mm
H: Soil
F: Plant tissues



GRUB (INSECT LARVA)
Up to 75 mm
H: Crops, gardens, soil
F: Roots



LIMA BEAN VINE BORER
8–18 mm
H: Crops
F: Vines



LACE BUG
2 mm
H: Foliage
F: Plant juices



CHINCHBUG & NYMPH STAGES
5 mm
H: Grubs
F: Plant juices



BEAN LEAF BEETLE
6 mm
H: Crops, gardens
F: Foliage



POTATO TUBERWORM & ADULT
18 mm
H: Crops, gardens
F: Foliage, plant tissues



PINK BOLLWORM & ADULT
12 mm
H: Cotton, okra
F: Plant tissues



LEAFROLLER & ADULT
25 mm
H: Crops, gardens
F: Foliage, plant tissues



WIREWORM
Up to 40 mm
H: Soil
F: Plant tissues



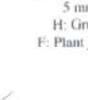
LAWN MOTH LARVA
20 mm
H: Gardens, lawns
F: Plant tissues



GRASSHOPPER
Up to 40 mm
H: Crops, gardens, orchards
F: Foliage



MITE
Range 0.8 mm–3 mm
H: Crops, gardens, orchards
F: Plant juices



EARWIG (also beneficial)
15 mm
H: Moist, dark soil
F: Flowers, fruit, insects, larva



MOLE CRICKET
Up to 35 mm
H: Moist soil
F: Plant roots



LEAFMINER
2 mm
H: Crops, gardens
F: Foliage



CODLING MOTH
Up to 20 mm
H: Crops, gardens
F: Larva, fruit



TOMATO PINWORM & ADULT
Larva: 7 mm
Moth: 6 mm
H: Crops, gardens
F: Fruit



WIREWORM
Up to 40 mm
H: Soil
F: Plant tissues



LAWN MOTH LARVA
20 mm
H: Gardens, lawns
F: Plant tissues

KEY: COMMON NAME
Average length
H—Habitat
F—Food