

“Customer satisfaction is not an option. Since switching to Merit we have seen a significant increase in the quantity and duration of insect control in our clients’ landscapes. The dual-action of Merit as a foliar spray and as a soil drench is a definite plus.”

Jeff Smith, Lawn Cure, Inc., Jefferson, IN

Formulation / Crop	Turf Use Rate	Ornamental Use Rate
<b>75 WSP</b> Turf, Trees, Shrubs, Evergreens, Flowers, Foliage Plants, Groundcovers, Interior Plantscapes	6.4 to 8.6 oz. per acre or 3 to 4 level teaspoons per 1,000 sq.ft.	Foliar Application: 1.6 fl oz. per 300 gal. of water. Soil injection or drench: 1.6 oz. per 24-48 inches of tree diameter or 24-48 inches of shrub height.
<b>75 WP</b> Turf, Trees, Shrubs, Evergreens, Flowers, Foliage Plants, Groundcovers, Interior Plantscapes	6.4 to 8.6 oz. per acre or 3 to 4 level teaspoons per 1,000 sq.ft.	Foliar Applications: 1 teaspoon per 10 gal. of water. Soil injection or drench: 0.7 to 1.4 teaspoons per inch of tree diameter or foot of shrub height.
<b>2 F</b> Turf, Trees, Shrubs, Evergreens, Flowers, Foliage Plants, Groundcovers, Interior Plantscapes	1.25 to 1.6 pt. per acre or 0.46 to 0.6 fl oz. (14 to 17 mL) per 1,000 sq.ft.	Foliar application: 1.5 fl. oz. (45 mL) per 100 gal. of water. Soil injection or drench: 0.1 to 0.2 fl. oz. (3 to 6 mL) per inch of trunk diameter (D.B.H.) or per foot of shrub height.
<b>0.5 G</b> Turf Grasses	60 to 80 lb. per acre or 1.4 to 1.8 lb. per 1,000 sq.ft.	1.4 to 1.8 lb. per 1,000 sq.ft.
<b>2.5 G</b> Small Shrubs and Small Trees	N/A	Up to 4 ft – Use 1/4 to 1/2 cup. 4 – 8 ft – use 1/2 to 1 cup.
<b>Tree Injection</b> Trees and Shrubs	N/A	0.75 – 3 mL (0.025 to 0.1 fl oz.) Merit Tree Injection per inch of cumulative trunk diameter at chest height (54" from ground). Space injection holes approx. 6" apart, around the circumference of the tree.

### WHAT IT IS.

The #1 insecticide in the turf and ornamental market

### WHAT IT DOES.

Gives you the industry’s longest-lasting grub control at exceptionally low use rates. Gives outstanding residual control of numerous ornamental pests.

### WHY IT’S BETTER THAN THE COMPETITION.

- 12 years of real world, proven performance
- Usage rates up to 96% lower than many registered soil insecticides
- Outstanding efficacy on key turf and ornamental insects

### HOW IT MAKES YOUR JOB EASIER

No worries. Merit insecticide always saves the day—providing the industry’s best grub and ornamental insect control.

**MERIT**<sup>®</sup>

### RELAX. YOU’RE BACKED BY BAYER.

Training. Troubleshooting. Innovating. Count on us to stand behind you now and for years to come. Get science and support at [BackedByBayer.com](http://BackedByBayer.com) or 1-800-331-2867.



**MERIT®**

## THE SCIENCE OF MERIT® INSECTICIDE.

The active ingredient in Merit® insecticide is a chloronicotinyl insecticide. Merit interferes with nerve impulses and disrupts insect behavior. Pests stop feeding, stop reproducing and eventually die.

### Pros have trusted Merit insecticide over 12 years. There's a reason for that.

- Broad spectrum systemic action
- Outstanding preventive and curative control
- Long residual activity
- Effective at low use rates
- Easy to use
- Great value

### The most formulations and pack sizes.

- Water Soluble Packs (Merit 75 WSP, 4 x 4 x 1.6 oz. or 88 x 1.6 oz.)
- Wettable Powder (2 oz bottles)
- Flowable (2F: 240 mL or 1 gallon bottles)
- Granular (Merit 0.5 G, 30 lb. bags, or many plus fertilizer options) (2.5 G for ornamentals, 4 lb. bottle)
- Tree Injection (17%, 6 x 1 pint bottle)

### Merit insecticide. It's their worst nightmare:

#### Turf pests

- White grubs; including Japanese beetle, black turfgrass ateniens, Northern masked chafer, Southern masked chafer, European chafer, oriental beetle, may and june beetles, billbug larvae, mole crickets, hairy chinch bugs, European crane fly

#### Ornamental pests

- Adelgids, aphids, Asian long-horned beetle, borers, elm leaf beetles, emerald ash borer, hemlock woolly adelgid, Japanese and other leaf-feeding beetles, lace bugs, leafhoppers, leafminers, mealybugs, pine tip moth, royal palm bug, sawfly larvae, scale insects, thrips - suppression, vine weevils, whiteflies

### Merit Tree Injection insecticide fights the worst pests.

The unique formulation works in virtually all tree injection systems, and it's easy to use. Just one treatment a year and you're the hero, protecting your customers from the worst infestations before they even start:

- Asian longhorned beetle, emerald ash borer, hemlock woolly adelgid, scales, miners, borers, leaf-feeding beetles, aphids, whiteflies, mealybugs



### Frequently asked questions

- >Q When is the best time to apply Merit insecticide for white grub control on turfgrass?
- >A Merit insecticide is most effective when applied just before or after egg lay. Usually, adult emergence occurs in early summer, followed by mating and egg laying. Under normal circumstances, Merit will provide residual white grub control for 4 months or longer in turf, so you can apply it from late May through mid August, and still get good results.
- >Q Does Merit insecticide control all major white grub species?
- >A Yes. It controls black turfgrass ateniens, green June beetles and May and June beetles better than other insecticides.

## THE SCIENCE OF YOUR PROFESSION.

Every ounce, pound or pint of Merit is Backed by Bayer, and all the science and support you need to get the job done right. That's what you should expect from an industry leader.

### Our staff is your staff

No one invests as much in product development as Bayer. Our scientists' expertise in chemistry and formulation technology is unrivalled around the world. Our field sales and technical representatives are always ready to help you. You'll find them and additional information 24 hours a day, 7 days a week at [BackedByBayer.com](http://BackedByBayer.com).

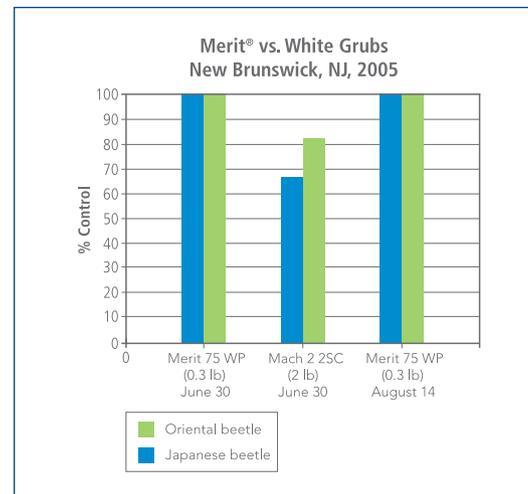
### Product support year round

We'll help you diagnose problems, troubleshoot issues, and get every product benefit you expect—and even some you don't. We also offer interactive training throughout the year.

### Complete satisfaction guarantee

Bayer guarantees your satisfaction, after all, your success is our success.

Any time, any question: **(800) 331-2867 / [BackedByBayer.com](http://BackedByBayer.com)**



## [ MERIT® INSECTICIDE REFERENCE GUIDE ]

