



Where Grubs Go, These Other Pests Follow

Skunks, opossums, raccoons, moles and birds find grubs particularly appetizing. The digging they do to reach the grubs may cause additional damage to a lawn, creating more serious problems – and expense – both for homeowners and for you.

The Bayer Solution to Grubs

Lawn care professionals are the first line of defense against grubs. Trust Bayer Environmental Science for the tools that will transform you in your customers' eyes from a lawn care professional into a lawn care hero.

Only Bayer gives you a complete set of options – Merit® insecticide, Allectus® insecticide and Dylox® insecticide – that helps you provide the most effective grub control available today, for all grubs in every stage of their development. These are the standards against which all other grub control products are measured. Bayer invented the total grub solution and it has revolutionized the lawn care industry.

No matter the severity of your customers' problems, the season or even the region of the country you're in, relax. Bayer – and only Bayer – has the products that will let you provide your customers with the complete and cost-effective grub solution.

The Industry's Most Effective Grub Control Products

Merit® – Revolutionizing grub control as the most effective, longest-lasting broad-spectrum grub control product available. Period.

Allectus® – The best broad-spectrum residual insecticide used to control an enormous range of turf pests both above and below the ground.

Dylox® – The #1 curative grub control product offering reliable and consistent control of large grubs – *fast*. Great for early season and late season clean up.



Grubs



MERIT®

The Science of Merit® Insecticide

Merit insecticide interferes with nerve impulses and disrupts insect behavior. They stop feeding, stop reproducing and eventually die.

Why It's Better Than The Competition

- Premium prevention for targeting and controlling 1st and 2nd instar grubs
- 12 years of real world, proven performance
- Usage rates up to 96% lower than many registered soil insecticides
- Greater than 97% efficacy on major grub species

The Grubs That Hate Us

- White grubs, including these larvae: Japanese beetle, black turfgrass atanius, Northern masked chafer, Southern masked chafer, European chafer, Oriental beetle, May and June beetles, billbug larvae

Pick Your Formulation & Pack Size

- Wettable powder (Merit 75 WP, 8 x 2oz. bottles)
- Flowable (Merit 2F, 12 x 240ml. bottles); also available in 4x1 gallon
- Water Soluble Packs (Merit 75 WSP, 4 x 4 x 1.6oz.); also available in 88 x 1.6oz mini drum
- Granular (Merit 0.5 G, 30lb. bags)
- Merit + Fertilizer: Rates and formulations vary

Application Rate Guidelines

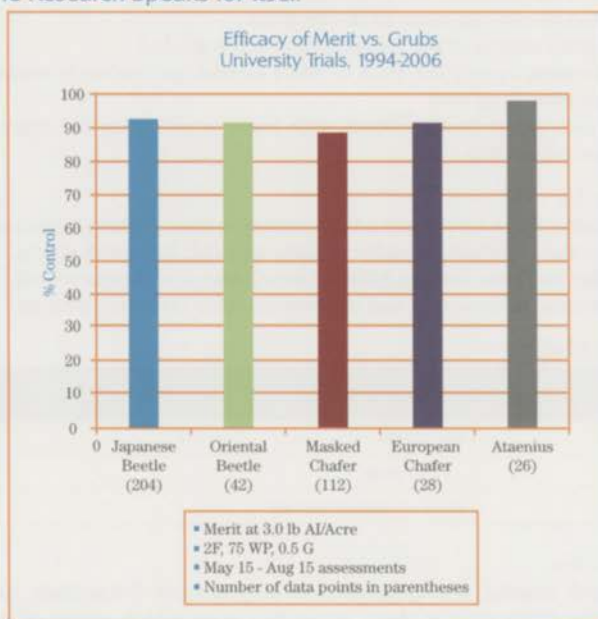
Formulation	Use Rate
Merit 0.5G	60 – 80 lbs. per acre or 1.4 – 1.8 lbs. per 1000 ft ²
Merit 2F	1.25 – 1.6 pints per acre or 0.46 – 0.6 fl. oz (14 – 17 mL) per 1000 ft ²
Merit 75 WSP/WP	6.4 – 8.6 oz per acre or 3 – 4 level teaspoons per 1000 ft ²
Merit 0.2 Fertilizer	Typically applied at 150 lbs. per acre



When to Apply Merit

As adult beetle emergence occurs (followed by mating and egg laying), you should apply Merit from late May through early August, just before or after egg lay and through the presence of early instars. For more information about recommended application times in your region, please review the Merit product labels.

The Research Speaks for Itself



Merit®





allectus[®]

The Science of Allectus[®] Insecticide

Allectus insecticide combines the two most powerful insecticides in the turf and ornamental markets. Together, their modes of action provide unprecedented levels of control over damaging turf pests.

Why It's Better Than The Competition

- Premium prevention for targeting and controlling early instar grubs
- Wide treatment window and rate range to choose from
- The broadest-spectrum control of insects above and below ground
- Flexibility in application – apply just once or add a second application to control late season surface feeders as well
- Superior control and widest pest spectrum with fewer applications per season, which means lower labor costs

The Pests That Hate Us

- White grubs, including these larvae and adults: Japanese beetle, black turfgrass ateniuss, Northern masked chafer, Southern masked chafer, European chafer, Oriental beetle, May and June beetles, billbug larvae, annual bluegrass weevil, chinch bugs, cutworms, armyworms, sod webworms, mole crickets, fire ants

Application Rate Guidelines

Formulation	Use Rate (per acre)
Allectus G (granular)	50 – 125 lbs.
Allectus SC (liquid)	1.1 – 4.5 pints
Allectus + fertilizer	Rates and formulations vary.

When to Apply Allectus

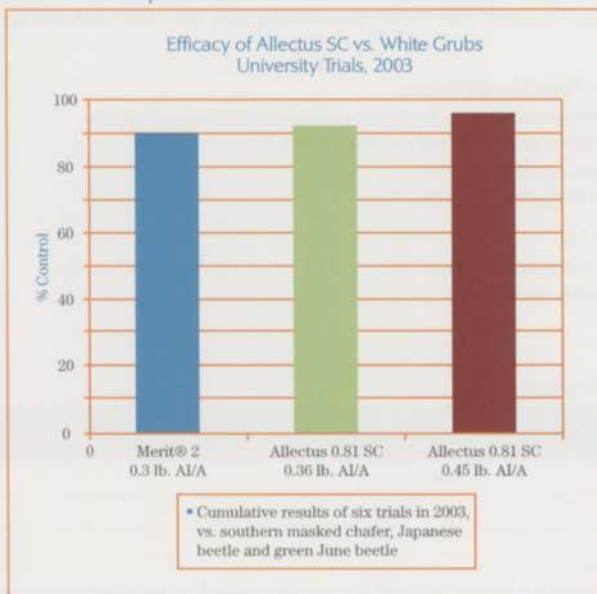
For outstanding grub control, one application is all you need. Sometimes, two applications at lower rates are preferred, depending upon which region of the country you are located. Consider the following as a guide to application:

- In the Northeast and Midwest: One application in June and a second application in August
- In the Southeast and Southcentral: One application in April and a second application in July
- In the West: One application in May and a second application in July

For more information about the recommended application times in your specific region, please review the Allectus product labels.



The Research Speaks for Itself



Allectus®





Dylox[®]

The Science of Dylox[®] Insecticide

When grubs come into contact with Dylox insecticide, they are paralyzed quickly and killed fast.

Why It's Better Than The Competition

- Fast control – a rescue treatment for early-season or late-season grubs
- Most effective curative grub control product available
- Effective on surface-feeding turf pests
- Controls the pests then degrades quickly

The Pests That Hate Us

- White grubs (including sugarcane grub)
- Sod webworms (lawn moths)
- Cutworms
- Chinch bugs

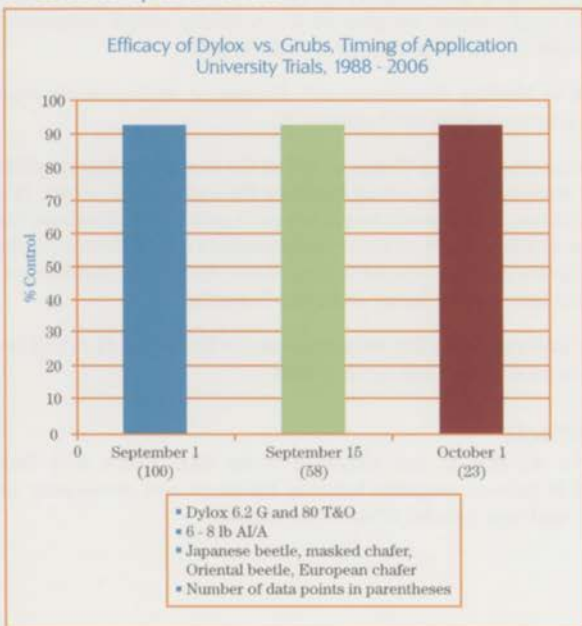
Application Rate Guidelines

Formulation	Use Rate (per 1000 ft ²)
Dylox 6.2 GR	3 lbs.
Dylox 80 T&O	2.25 – 3.5 oz

When to Apply Dylox

Fast-acting Dylox is ideal for a quick kill and is typically applied in the late summer and fall, targeting late instar, large grubs. For more information about the recommended application times in your specific region, please review the Dylox product labels.

The Research Speaks for Itself



Dylox®





The Science of Healthy Environments

Just as important as the total solution we provide is our totally unique commitment to improving environments anywhere people live, work or play.

We call it the "Science of Healthy Environments". Improving environments everywhere is our goal. And science is how we'll achieve it.

Science, in fact, has always driven Bayer. Today, as one of the world's leaders in product development, we have state-of-the-art testing facilities throughout the world. Here, we evaluate the efficacy of our products and formulations in real-world situations. Only after we measure our products' impact on those environments do we determine their ultimate end use. This allows us to go beyond merely eliminating pests and disease to helping create turf that is better functioning and more beautiful.

The Science of Healthy Environments. It's what helps make Bayer the #1 brand lawn care professionals use to protect turf and ornamentals.

Other Bayer Products

Science and the world we live in are changing every day. That's why Bayer Environmental Science is forever adapting existing products and developing new ones that will keep us – and you – ahead of the competition.



We invite you to examine our full line of products available through our network of Bayer authorized distributors. For more information about our products, please visit us at www.BackedByBayer.com or speak with your Bayer Field Sales Representative.

Bayer Authorized Distributors:

Agra Turf

Agro Servicios

Arthur Clesen

BEI Hawaii

BWI

Charles Hart Seed Co.

Chicagoland Turf

Corbin Turf

D&K Products

EH Griffith

Estes

Fisher & Son

Grass Roots

Harrells

Hawaii Grower Products

Helena Chemical Co.

Herod Seeds

Horizon

Howard Fertilizer & Chemical Company

LESCO

Metro Turf Specialists

Nassau Suffolk Turf Services

Ochoa Fertilizer Co., Inc.

Pocono Turf Supply Co.

Precision Turf

ProSource One/Agrilance

RF Morse

Reed & Perrine

Regal Chemical Co.

Reinders

Simplot Partners

Sierra Pacific Turf Supply

Southern Ag

Southern States

Superior-Angran

Supreme Turf Products

Target Specialty Products

The Greenkeeper Company

The Terre Company

Tom Irwin

Turf Specialties

Turfgrass

Univar

Van Diest

UAP Professional Products

Western Farm Service

Wilbur-Ellis Company



Our Mission for
Healthy Environments



BACKED
by **BAYER.**

Merit[®], Allectus[®] and Dyllox[®] insecticides carry more than just product guarantees. Each carries a greater commitment to you that's reflected in three words no other manufacturer can use: Backed by Bayer.[™] Backed by Bayer is our contract with you, the promise that your trust in Bayer can be complete, your confidence in us total. Backed by Bayer is your assurance that not only are our products superior in every way but that we also provide the best training, support and education network in the industry. We make it easier for you to develop newer and better ways to build your business and customer satisfaction because you're Backed by Bayer.

The Industry's Best Products

No other manufacturer invests as much in product development as Bayer. Development is driven by the industry's leading scientists and experts at several state-of-the-art facilities in the U.S. and abroad. Our dominance in chemistry and formulation technologies ensures that only the most effective products are available to you and your business.

Unprecedented Support

We offer interactive training opportunities throughout the year, either at our Technical Center or at your facility. The more knowledgeable you are about the science behind our products and the better informed you are about the latest lawn care industry developments, the easier it will be for you to develop newer and better ways to satisfy your customers and build your business.

You'll also find that our dedication to your success extends beyond our products. Say there's a lawn care problem you're having trouble identifying. Call us and we'll work with you to help diagnose the problem. We may ask you to send us some samples; in some cases we'll travel to you to investigate further. Our commitment to improving lawn care – and the health of lawns – is total.

Superior Customer Service

If you have any questions or concerns about any of our products, please don't hesitate to contact us. Talk to our sales representatives, the most knowledgeable and experienced in the business. They will help you access every product benefit you expect – and even some you don't.

Our easy-to-reach customer service center will answer product questions, troubleshoot, and help you understand how to use our products. You can be confident in knowing that you never have to be alone when you're using our products and that we're dedicated to working with you until you get the maximum results.

Backed by the Best

It's science. It's support. It's our commitment to you. It's Backed by Bayer. And it's the best you can get.

BackedbyBayer.com

We're the #1 brand that professionals use to protect turf. We guarantee your satisfaction, 100% of the time. For any questions about our products and services, visit BackedbyBayer.com or call 1-800-331-2867.



Bayer Environmental Science