



allectus™

Product

Reference

Guide

PRODUCT OVERVIEW

Allectus™ is an innovative dual-action insecticide that controls all major surface-feeding and subsurface turf and ornamental insects with just one application. Allectus combines the insect-fighting power of imidacloprid and bifenthrin to control insects above and below the ground surface. In extensive testing, Allectus has been shown to achieve 90% or greater control against destructive pests, including white grubs, chinch bugs, sod webworms, cutworms and armyworms.

Allectus is available in convenient liquid or granular formulations for use on golf courses, sod farms, commercial and residential areas. It effectively controls multiple insect stages for flexible application options. Depending on the application rate selected, one or two applications provide season-long insect control.

MODE OF ACTION/HOW PRODUCT WORKS

Allectus targets pests with a combination of imidacloprid and bifenthrin, two of the most powerful insecticides used in the turf and ornamental market. Together, these insecticides prevent the flow of nerve impulses through the insect's individual nerve cells and from one nerve to the next.

The dual mode of action found in Allectus combines the rapid activity of a synthetic pyrethroid with the extended residual control of a neonicotinoid for industry-leading preventative and curative insect control, both above and below ground.

Key Insects Controlled

- White grubs
- Chinch bugs
- Sod webworms
- Cutworms
- Armyworms

Benefits

- Effective control of pests above and below the surface with one application
- Maximum application flexibility
- Up to 12 weeks of residual control
- Two applications deliver season-long control
- Available in granular and liquid formulations for foliar and soil applications
- Effective as a preventative for grubs, and a preventative and curative for surface-feeding pests
- Controls multiple insect stages for a wide window of application

FREQUENTLY ASKED QUESTIONS

Q: Will Allectus increase my insect-control budget?

A: No, Allectus will not increase your current costs for insect control above and below the ground surface. Allectus provides tremendous value, through both its competitive price and labor-saving benefits, which eliminate the extra time and expense of dual applications to achieve the same control.

Q: Which areas of the country will benefit most from Allectus?

A: Allectus is beneficial throughout much of the United States, wherever insects are found both above and below the ground. In the North, the primary pest is grubs with fluctuating above-ground insect pressure. The opposite is true in the South, where surface insects are the primary pests with concern about grubs on the rise.

ALLECTUS APPLICATION GUIDELINES*

FORMULATION	APPLICATION RATE
Allectus G (granular for residential areas)	50 to 125 lbs. per acre
Allectus GC (granular for golf courses)	50 to 250 lbs. per acre
Allectus SC (liquid for residential areas)	0.4 to 1.65 fl. oz. per 1,000 sq. ft.
Allectus SC GC (liquid for golf courses)	0.67 to 1.65 fl. oz. per 1,000 sq. ft.

*See individual product labels for exact rates and timing.

INSECTS CONTROLLED

- Billbugs
- Annual bluegrass weevil
- Mole crickets
- Chinch bugs
- Cutworms
- Armyworms
- Sod webworms
- Fire ants
- Other major surface feeding insects
- White Grubs, including larvae of:
 - Japanese beetles
 - black turfgrass ataenius
 - northern masked chafers
 - European chafers
 - Oriental beetles
 - Asiatic garden beetles
 - green June Beetles