

A Granular Formulation for Broad Spectrum, Season Long Control



PRODUCT TECHNICAL INFORMATION

Acelepryn® Turf Insecticide

Acelepryn® insecticide provides Turf Managers unmatched, season long grub control with a single preventative application. It is now available in a convenient and flexible granular formulation – Acelepryn®G, that delivers the same outstanding control of many key surface and subsurface feeding pests including Annual Bluegrass Weevil, White Grubs and several species of caterpillars (Cutworm and Webworm).

Class of Chemistry

Acelepryn® is the first turf product featuring an active ingredient from the anthranilic diamide class of chemistry. This class was inspired by research into the insecticidal properties of ryanodine – a natural substance found in the bark of trees and shrubs of the genus Ryania.

Accuracy and Performance

Acelepryn®G is very active against 1st and 2nd instar larvae of the most destructive turf infesting grub species. The window for application should be positioned around the peak egg laying period by adult beetles. This timing can be monitored by the increasing activity of adult beetles, usually during spring and early summer. Acelepryn®G will also provide excellent curative caterpillar control in turfgrass and should be applied when pests/damage is observed.

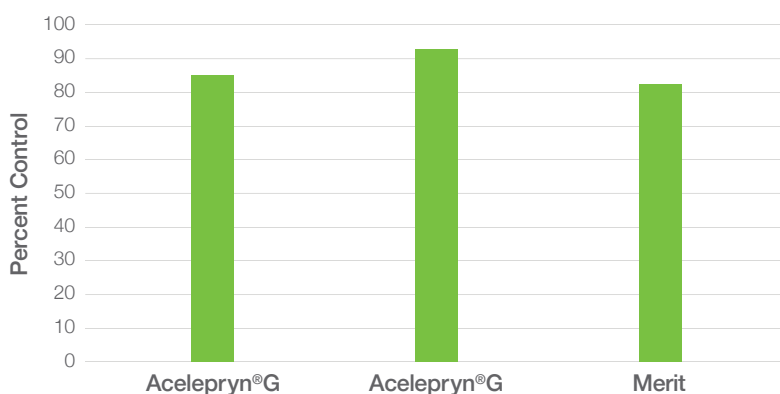
Acelepryn®G sets a new standard in long lasting, efficient control of turf pests. The granular formulation offers users the same trusted benefits as the liquid.

In addition, Acelepryn®G delivers:

- A flexible option for tight or difficult to access turf areas such as around trees and other obstacles
- Ease of use with no spray equipment
- Ease of activation with irrigation

White Grub Control with Acelepryn®G Summary of 10 Field Trials – 2008

Trials Conducted in IN, MA, NE, NH, NJ, NY, PA, RI, VA, WI
(13 Data Points for Each Treatment)



| Formulation: | 0.2 G | 0.2 G | 0.5 G |
|--------------|---------------------|----------------------|---------------------|
| Product/ha: | 56 kg/ha (50 lb/A) | 67 kg/ha (60 lb/A) | 67 kg/ha (60 lb/A) |
| grams AI/ha: | 110 g/ha (0.1 lb/A) | 130 g/ha (0.12 lb/A) | 340 g/ha (0.3 lb/A) |



TURF PRODUCT APPLICATION

Acelepryn®G uses an Exclusive Carrier

Acelepryn®G uses DG-Lite™, an easily dispersed carrier that eliminates granular problems like “wash-away”, excess residue and pickup into mower clipping baskets. A light irrigation or heavy dew is all it takes for each granule to disperse, allowing the active ingredients to be absorbed into the plant leaf and roots.

- Will typically disperse with approximately two to three sprinkler revolutions
- Engineered particle minimizes dust formation
- Lighter-weight granules spread over a wider area than traditional granules

How to Use

- Acelepryn®G is easy to use and can be spread in any professional turf fertilizer spreader
- During application check equipment periodically to ensure distribution remains even and effective
- For optimal control, irrigate with approximately 6mm of water immediately after application
- Where treating for caterpillars, irrigation and mowing should be delayed for 24 hours
- Application rates from 14.5kg/ha to 112.5 kg/ha
- Acelepryn®G is a SGN 125

| Manufacturer | Model | Effective Swath Width (m) | Application Rate (75 kg/ha) |
|--------------|--------------|---------------------------|-----------------------------|
| Vicon | 3 | 6 | 11.5 |
| Scotts | R8A | 3.5 Cone 5 | H ^{1/4} |
| Scotts | SR2000 | 3.5 Cone 5 | H ^{1/4} |
| LESCO | 20093 | 1.5 | C ^{1/4} |
| Andersons | Accupro 2000 | 3.5 | I ^{3/4} |
| Andersons | “SS-2” Drop | – | 4 |
| Cyclone | CB4000 | 1.2 | 3 ^{3/4} |

| Active Ingredient | Formulation Type | Packaging | Application Rates | IRAC Group |
|---------------------|------------------|-----------|-------------------------------------|------------|
| Chlorantraniliprole | Granular (G) | 10 kg Bag | Variable-Refer to Spreader Settings | 28 |

| Pest Controlled | Product Rate (kg/ha) | Product Rate (kg/ac) | Coverage (bags/acre) | Application Interval |
|---------------------------------|----------------------|----------------------|----------------------|----------------------|
| Annual Bluegrass Weevil | 88 - 112.5 kg | 35.6 - 45.5 kg | 3.5 - 4.5 | Season Long |
| Black Cutworm | 14.5 - 29 kg | 5.9 - 11.7 kg | 0.6 - 1.2 | |
| Bluegrass Billbug | 58 - 112.5 kg | 23.5 - 45.5 kg | 2.4 - 4.5 | |
| Black Turfgrass Ataenius Larvae | 56 - 88 kg | 22.7 - 35.6 kg | 2.3 - 3.6 | |
| Chinch Bug * | 58 - 112.5 kg | 23.5 - 45.5 kg | 2.4 - 4.5 | |
| European Chafer Larvae | 56 - 88 kg | 22.7 - 35.6 kg | 2.3 - 3.6 | |
| European Crane Fly Larvae | 58 - 112.5 kg | 23.5 - 45.5 kg | 2.4 - 4.5 | |
| Fall Armyworm | 14.5 - 29 kg | 5.9 - 11.7 kg | 0.6 - 1.2 | |
| Japanese Beetle Larvae | 56 - 88 kg | 22.7 - 35.6 kg | 2.3 - 3.6 | |
| June Beetle Larvae | 56 - 88 kg | 22.7 - 35.6 kg | 2.3 - 3.6 | |
| Sod Webworm | 14.5 - 29 kg | 5.9 - 11.7 kg | 0.6 - 1.2 | |

*suppression

To learn more about Acelepryn®G, please visit

greencast.ca



Acelepryn®G
Insecticide

syngenta.

For more information, contact your Syngenta Turf Specialist, visit GreenCast.ca, or follow @SyngentaTurfCA on Twitter. Customer Interaction Centre 1-87-SYNGENTA (1-877-964-3682).

Always read and follow label directions. Acelepryn®, GreenCast®, the Alliance Frame, the Purpose Icon and the Syngenta logo are trademarks of a Syngenta Group Company. All other trademarks are property of their respective owners. ©2020 Syngenta