

TURF CATERPILLAR SOLUTIONS

Turf caterpillars, such as fall armyworms, sod webworms and cutworms, are the larvae of several moth species. These lepidopterous pests can severely damage turfgrass as they feed on stems, crowns and leaves after emerging from the egg. However, these pests can be controlled season-long with one application of Acelepryn® insecticide while simultaneously preventing grubs and billbugs.

SYMPTOMS AND ACTIVITY

Evidence of caterpillar damage is noted by brown patches in golf course turf. Upon closer inspection, the areas will look grazed or scalped, and grass blades will show chewing damage.

- As caterpillars feed, populations will increase and cause the affected areas to rapidly increase in size.
- For optimum control, scouting for small instar larvae is best to determine application timing.



Fall armyworms are especially destructive to turfgrass as an “army” of the caterpillars can quickly devour large areas of turf down to the soil.

- After overwintering, outbreaks can occur as early as April or May and the insects migrate northward in search of suitable sites to lay eggs.
 - Adult moths lay clusters of eggs on fence posts, flag sticks, tree leaves and bushes.
 - Once the larvae hatch, they move into adjacent turf to feed.
 - Several generations of eggs can be laid throughout the summer, which then quickly hatch to damage turf into the fall, so it is important to use a product that can provide several weeks of residual control.

syngenta®

ACELEPRYN FOR CONTROL OF TURF CATERPILLARS AND MORE

Acelepryn insecticide is one of the most effective insecticides for turf caterpillar control, providing turf managers with ultimate application flexibility and broad-spectrum control. With its systemic activity and long soil residual, Acelepryn provides rapid knockdown of existing outbreaks and extended control for 6-8 weeks to prevent future outbreaks.

After application, the treatment moves into the soil and roots and up into the plant stem. This protects golf course turf from caterpillars that are feeding on the leaves and from other insects below the surface such as grubs and billbugs.

Applying Acelepryn in the spring or early summer at the following times and rates will protect against grubs and turf caterpillars and also control billbugs with a higher rate.

SEASON-LONG CONTROL WITH JUST ONE APPLICATION

Target Insect	Target Timing	Target Acelepryn Rate	Notes
Grubs	April	8 fl. oz./A.	
Grubs + Turf Caterpillars	May-June	8 fl. oz./A.	To help control fall armyworm, roughs should also be treated.
Grubs + Turf Caterpillars + Billbugs	April-June	12 fl. oz./A.	
Fall Armyworm	July-September	2-4 fl. oz./A.	Apply at first sight of damage for rapid knockdown, plus up to 6-8 weeks of preventive protection.



View application recommendations on the **Acelepryn** rate card.

SCAN HERE



Discover additional benefits, use recommendations and performance data for **Provaunt WDG**.

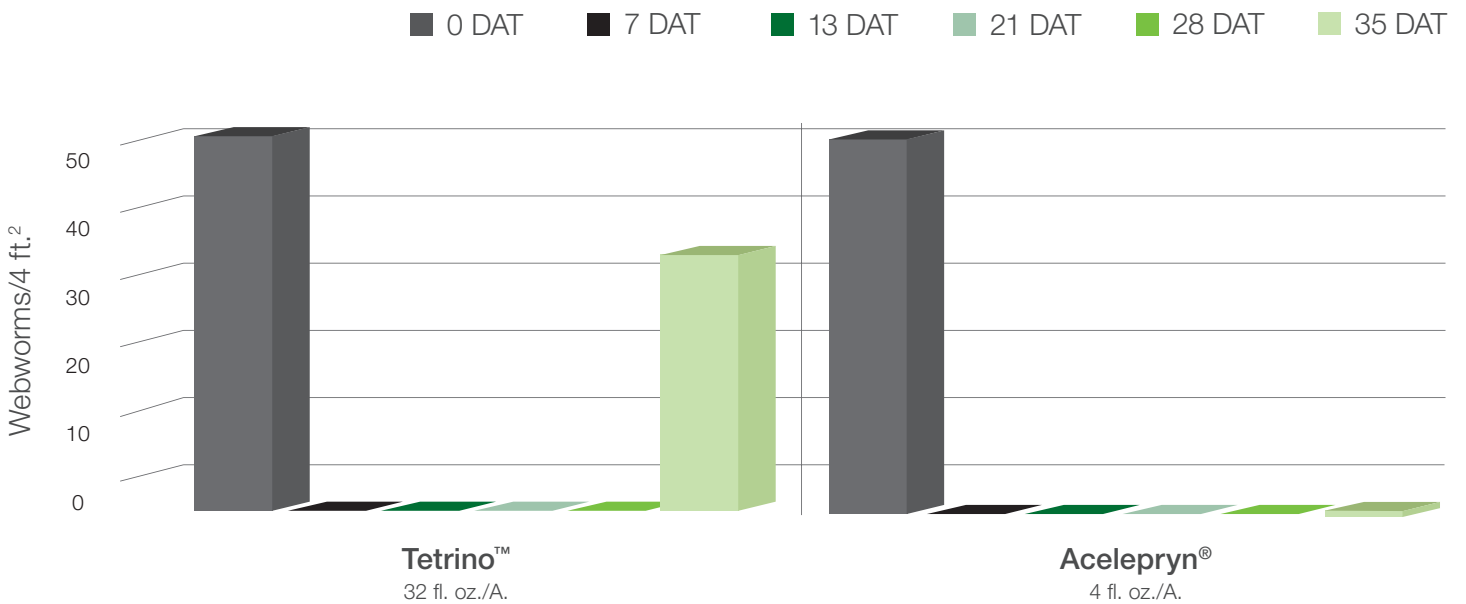
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PROVAUNT® WDG INSECTICIDE IS ALSO AN EFFECTIVE CONTROL SOLUTION FOR TURF CATERPILLARS.

- Applications should be made when caterpillar activity is first observed.
- Caterpillars **stop feeding within minutes** of contact with spray droplets or residue on leaf surfaces.
- **Mortality occurs within 48 hours** after feeding stops.
- **Provaunt WDG applied at 6 fl. oz./A.** provides excellent knockdown and up to three weeks of residual control.
- For the best knockdown control, **avoid irrigation for 24 hours after treatment** to allow time for insects to ingest the active ingredient.



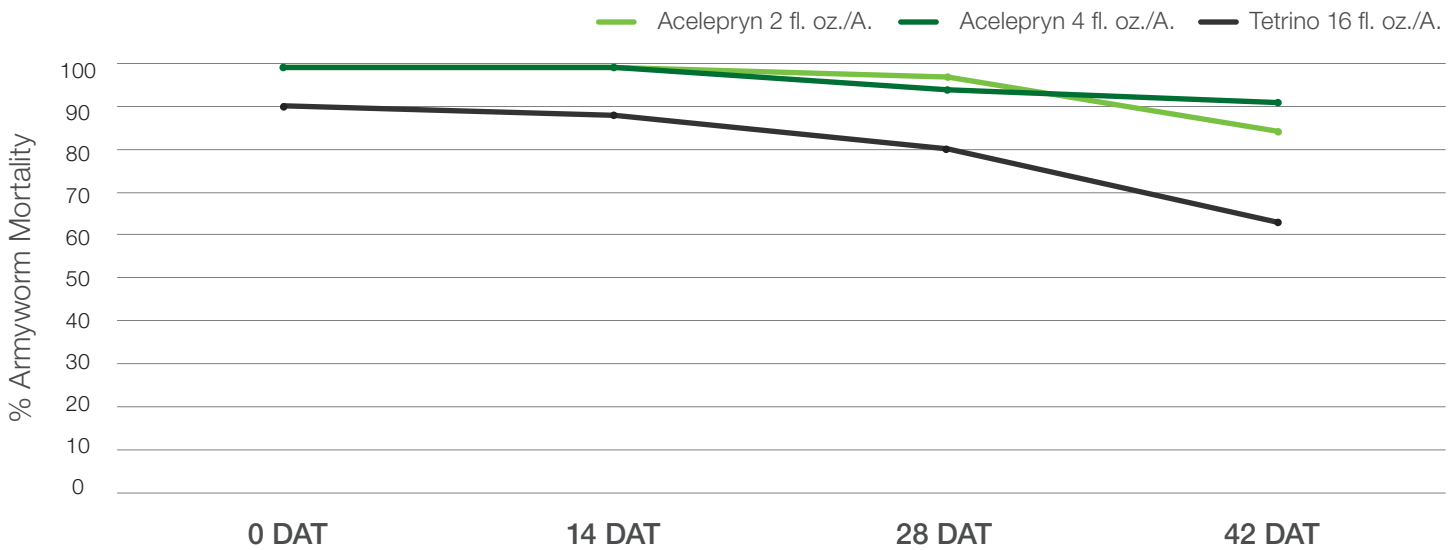
EXTENDED TROPICAL SOD WEBWORM CONTROL WITH ACELEPRYN



Travis Teuton, Southeastern Turfgrass Research Center, Anthony, Florida

Tifway bermudagrass mowed at 0.5". Treatments applied once on June 18, 2021. DAT = days after treatment.

RESIDUAL CONTROL OF FALL ARMYWORM WITH ACELEPRYN



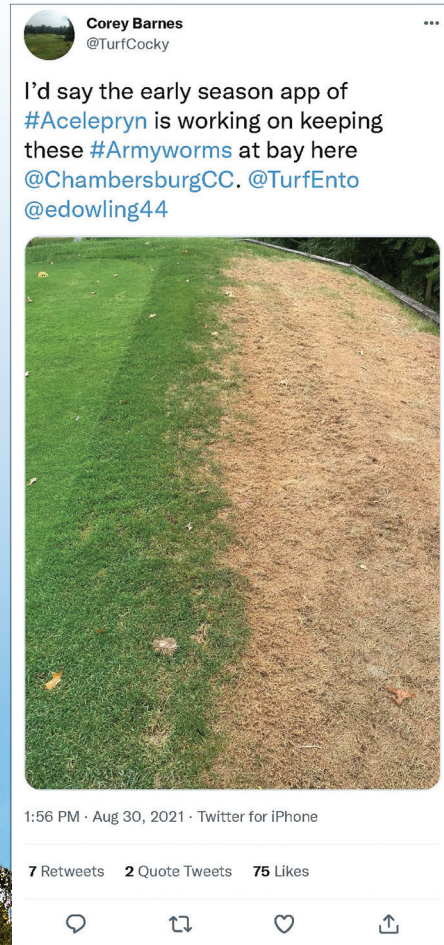
Dr. Rick Brandenburg, Raleigh, North Carolina

Tifway bermudagrass mowed at 2". Treatments applied once on August 12, 2021. 5th and 6th instar fall armyworms introduced into arenas 0, 14, 28, and 42 days after application.




% mortality assessed after 72 hours

SEE ACELEPRYN IN ACTION

These golf course superintendents trust Acelepryn insecticide to stop armyworms in their tracks. See how destructive these pests can be when courses are left untreated.



To learn more about turf caterpillar solutions from Syngenta, visit [GreenCastOnline.com/PestSolutions](https://www.GreenCastOnline.com/PestSolutions)

   @SyngentaTurf #Time4Acelepryn

Performance assessments are based upon results or analysis of public information, field observations and/or internal Syngenta evaluations.

Trials reflect treatment rates commonly recommended in the marketplace.

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