

# OpteraPro<sup>®</sup>

## Efficient, Long-Lasting Control of Grubs & Caterpillars

OpteraPro Insecticide provides comprehensive season-long protection against a variety of insect pests, including white grubs and caterpillars. Targeted application rates and timing makes OpteraPro both economical and efficient. A staple in Integrated Pest Management (IPM), OpteraPro has the flexibility to be applied without impacting earthworms, bees and bumble bees, while providing excellent control of billbugs, annual bluegrass weevil, black turfgrass ataenius, armyworm, cutworm, sod webworm, European crane fly larvae, spittlebugs, and more.

### COMPETITIVE ADVANTAGES

- One early application and you're done. Applied in spring, OpteraPro controls the larvae of multiple species of white grubs and turf caterpillars
- Saves time avoiding frequent repeat insecticide applications
- Irrigation can be flexibly timed after application
- Root absorption and systemic upward translocation protects the turf from soil dwelling and surface pests
- Highly effective alternative to neonicotinoids, reduces breakthroughs
- Versatile resistance management tool
- Optimal IPM program tool where pollinators are a concern

### OPTIMIZED FOR TOP TURF PESTS



White Grubs



Army Worm



Bluegrass Billbug

### AT-A-GLANCE INFO

EPA REG. NO.	228-768
ACTIVE INGR.	chlorantraniliprole (1.69 lb/gal)
FORMULATION	suspension concentrate
CHEM. FAMILY	anthranilic diamide
IRAC NO.	28
SIGNAL WORD	none
PACKAGE SIZE	4 x 1 qt tip-n-measure, 4 x 1 gal

# OpteraPro®

## KEY USES

Turf and ornamental plants on golf courses, lawns, sod farms  
 Landscaped areas around residential, commercial and institutional properties, public parks, recreational areas, athletic fields, interior landscapes

## KEY PESTS CONTROLLED

(See product label for complete list)

### WHITE GRUBS

Asiatic garden beetle  
 Black turfgrass  
   ataenius  
 European chafer  
 Green June beetle  
 Japanese beetle  
 May/June beetles  
 Northern masked  
   chafer  
 Oriental beetle  
 Southern masked  
   chafer

### TURF CATERPILLARS

Armyworm  
 Cutworm  
 Sod webworm

### OTHER PESTS

Annual bluegrass  
   weevil  
 Billbugs (adult)  
 Chinch bugs\*  
 European crane fly  
   (larvae)  
 Spittlebugs (two-lined)  
   \*suppression

## RESISTANCE MANAGEMENT

For managing resistance, this product is a Group 28 insecticide. Some insects might naturally be resistant to this product and other Group 28 insecticides. If you use this type of insecticide repeatedly in the same area, the resistant insects could become more common. It is important to follow good resistance-management strategies.

## USE SUMMARY

### TANK MIXING

OpteraPro is compatible with many other pesticides and liquid fertilizers, but it's important to ensure the physical compatibility of the mixture. Prepare a mix on a small scale (such as a pint or quart jar) using the proper proportions of the tank mix products and water.

In some situations where coverage is difficult to achieve such as closed canopy, dense foliage, plants with waxy leaf surfaces, or less than optimum application equipment, an adjuvant may improve performance. Use only adjuvant products that are labeled for use and follow the directions on the manufacturer's label. Always conduct a premix test for compatibility.

## APPLICATION RATES

PEST	RATE
<p><b>Annual bluegrass weevil</b>            Apply when adult annual bluegrass weevils move from overwintering sites to turf areas. This movement typically starts when forsythia is in full bloom and concludes when flowering dogwood (<i>Cornus florida</i>) is in full bloom.</p> <p>An application at this time will also provide white grub control.</p>	<p>0.28–0.46            fl oz/1000 sq ft            12–20 fl oz/A</p>
<p><b>Armyworm, cutworm, sod webworm</b>            Apply early or at the first sign of activity. For best results, avoid watering or mowing for 24 hours after treatment.</p> <p>For turf maintained above 1 inch, use the higher application rate during periods of heavy pest pressure.</p>	<p>0.05–0.09            fl oz/1000 sq ft            2–4 fl oz/A</p>
<p><b>Billbugs</b>            Target billbugs early for best results. For cool-season turf apply when overwintered adults appear in late April or early May. Use higher rates if treating after early May, or for billbug species other than bluegrass billbug.</p> <p>This application also controls white grubs.</p>	<p>0.18–0.46            fl oz/1000 sq ft            8–20 fl oz/A</p>
<p><b>White grubs</b>            Prevent grub damage all season.</p> <p>Apply from early April through early September for preventative control. Use higher rates for early-season applications needing long residual, or late-season treatments when tougher mid-instar grubs are present.</p>	<p>0.18–0.37            fl oz/1000 sq ft            8–16 fl oz/A</p>