

SUPRADO AND CONTRADO

YOUR ONE-TWO PUNCH FOR SEASON-LONG INSECT CONTROL

Suprado (Novaluron)

- Insect growth regulator (IGR) that interrupts pest development
- Excellent control of annual bluegrass weevil (ABW) larvae and early instars
- Ideal for early-season applications to prevent damaging populations
- Long residual activity with minimal non-target effects

Contrado (Chlorantraniliprole)

- Broad-spectrum insecticide targeting key turf pests like white grubs, caterpillars, billbugs, and more
- Exceptional systemic activity and long-lasting control
- Low risk to beneficials and pollinators
- Flexible application window

Flexible and Compatible Applications with Suprado and Contrado

Thanks to novaluron's long residual activity lasting 30+ days, and its ability to impact multiple annual bluegrass weevil ABW life stages, Suprado offers **flexible application timing**.

- Optimal results when applied during peak ABW adult migration, halting larval development before feeding damage begins.
- When targeting peak adult migration, apply between 120–170 growing degree days (base 50°F, beginning March 1), typically when forsythia shrubs display a half-gold, half-green appearance.
- Later applications aimed at early larval instars are also highly effective and often align with full bloom of redbuds and dogwoods.

Contrado's exceptional residual activity allows for **season-long control** of white grubs, foliar-feeding caterpillars, and billbugs with a single early-season application. Following a Suprado application with Contrado also strengthens your ABW program, targeting later-developing larvae and broadening your coverage window. With systemic movement and long-lasting performance, Contrado is a cornerstone product for proactive insect management in turf.

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Foundational Spring Insecticide Program for Golf Course Greens, Tees, and Fairways

Timing	Solution	IRAC	Target Pests	Rate/Acre	Application Notes
Early April – Mid May	Suprado	15	Annual bluegrass weevil adults and early instar larvae	4 qts	Let dry on turf for 24 hours after application to allow for better contact with migrating adults. Then irrigate with 0.1-0.2" irrigation to move the active ingredient to the crown and thatch layer where larvae are present.
April - June	Contrado	28	White grubs, armyworms, cutworms, sod webworms, billbugs	16 fl oz	Post-application irrigation or rain of 0.1-0.2" is needed immediately or within 1-2 weeks to move the active ingredient to the root zone for control of white grubs and to allow for systemic uptake in the plant. Mowing turf prior to irrigation or rain may remove treated tissue and limit efficacy.
Mid-May – Early June	Indoxacarb	22	Annual bluegrass weevil larvae and turf caterpillars		Apply with enough carrier volume to move the active ingredient to the crown and thatch layer. Also allow to dry on the leaf surface for maximum contact with migrating adults and late instar larvae.
June	Suprado	15	Annual bluegrass weevil larvae and newly developed adults	4 qts	Apply 14–28 days following the Indoxacarb application to target larvae and new generation adults. Let dry on turf for 24 hours after application to allow for better contact with migrating adults. Then irrigate with 0.1-0.2" irrigation to move the active ingredient to the crown and thatch layer where larvae are present.



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