

# Arena® INSECTICIDE

## CRANE FLY LARVAE CONTROL



Crane fly larvae cause significant damage to turf by feeding on the roots of grass plants. European crane fly overwinter as 3rd instar larva and will feed and cause damage in the spring, with peak damage occurring in May and early June from 4th instar larva. Adults emerge and lay eggs in July to September.

Don't settle for insecticides that give up control early. Get the best and the longest-lasting residual crane fly larvae control with Arena® Insecticide. Arena works both curatively and preventively for outstanding control of crane fly larvae and a broad spectrum of other pests.

### ARENA IS AVAILABLE IN TWO FORMULATIONS AND DELIVERS

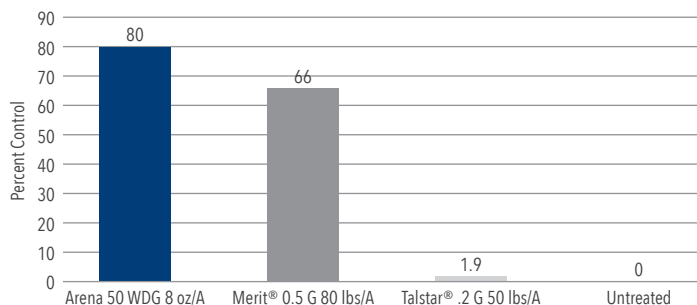
- Curative and preventive crane fly larvae control, including European and American crane fly
- Broad spectrum control of other soil- and surface-feeding insects like white grubs, nuisance ants, billbugs and pyrethroid-resistant chinch bugs

### APPLICATION INFORMATION

TARGET INSECTS	ARENA FORMULATION	APPLICATION RATE	APPLICATION TIMING
Crane fly larvae: European American	50 WDG	9.6 to 12.8 oz/A or 1.1 to 1.5 oz/5,000 sq ft	<b>Curative:</b> March through early June  <b>Preventive:</b> September
	0.25 G	120 to 160 lbs/A or 13.8 to 18 lbs/5,000 sq ft	

### ARENA DELIVERS EXCELLENT CURATIVE CRANE FLY LARVAE CONTROL

Maximum spring (curative) control was achieved in 7 days with Arena - outperforming the standard for curative crane fly larvae control helping to ensure healthier, better looking turf.



Products applied 5-30 and sampled 1, 3 and 7 days later. Data is pooled result of all sample timings. Data Source: Curative control of European Crane Fly Larvae on Golf Course Roughs, Spring, 2006 (G51) D. C. Peck. Arthropod Management Tests, 2007.



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