



Turf-Tec Insect Flotation Sampler



Many insects either float naturally or will float in salty water (e.g., a saturated solution of Epson salts). This tendency can be used to collect and sample insects like chinch bugs in turfgrass. The Turf-Tec Insect Flotation Sampler can be inserted through the thatch in the soil and then filled with water. Within minutes insects will float to the surface where they can be removed or counted to make population level estimates over space and time.

A soap drench can also be used to flush out sod webworms, armyworms, mole crickets, and caterpillars. Mix 8 tablespoons (1/2 cup) of lemon dishwashing liquid in a 5-gallon bucket (1.5 tbsp. per gallon or 22 ml). After inserting the 7" Tall Turf-Tec Insect Flotation Sampler into the soil about 3-4 inches deep, fill the ring with the solution. Observe the area for three minutes, counting the number of bugs that emerge. The soapy water will irritate the insect, the insect will release its grasp, and the insect will float.

For chinch bugs, use the Turf-Tec Insect Flotation Sampler in the soil at the margin of a yellowed area of grass. Fill the can with the solution and maintain its level above the grass surface for five minutes as you watch for chinch bugs to float to the top.

IFS1-G - Turf-Tec Insect Flotation Sampler



Instructions

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<p>Place the Turf-Tec Insect Flotation Sampler on the area to be tested</p>	<p>Place a block of wood on top of the Turf-Tec Insect Flotation Sampler and drive it into the soil about 2-4 inches deep</p>	<p>Fill the Turf-Tec Insect Flotation Sampler with soapy water and allow to stand for 3-5 minutes</p>
		
<p>You can also use an optional Turf-Tec Macroscope to examine the insects once they float out of the grass and thatch with the Turf-Tec Insect Flotation Sampler</p>	<p>Optional Macroscope 25X shown with the Turf-Tec Insect Flotation Sampler</p>	<p>Optional Macroscope 25X shown with the Turf-Tec Insect Flotation Sampler</p>

Specifications

Six-inch ring (15.24 cm)
 Height of seven inches (17.78 cm)
 Sturdy construction
 Rust proof galvanized metal 16 Gauge (.060 inch)