

INSECT CONTROL

WARM-SEASON INSECT CONTROL

by Pat Cobb, Auburn University

Insect Calendar

*MONTHS DURING WHICH DAMAGE IS MOST LIKELY TO OCCUR (————);
 MONTHS WHEN INSECTICIDE TREATMENTS MAY BE RECOMMENDED
 (———— = 1ST CHOICE, ———— = 2ND CHOICE)

Insect	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Chinch bugs												
Bill- bugs												
Grubs												
Sod webworms												
Cut- worms												
Mole Crickets												
Spittle- Bugs												
Fall Armyworm												
Fire Ants (mound establishment)												

*Timing of treatments varies from one area to another, and is considerably different in south Florida. Check with Extension Agents in your area and monitor pest populations to determine exact timing of controls.

Use Summary of Some Common Turf Insecticides*

Common Name	Trade Name	Major Uses	Primary Use Site ***	Common Name	Trade Name	Major Uses	Primary Use Site ***
acephate	Orthene 75S	fire ants mole crickets	A, G, L, S	diazinon	Diazinon	billbugs chinch bugs fall armyworms fire ants grubs sod webworms spittlebugs	L
**bendiocarb	Turcam	grubs mole crickets	A, L	**ethoprop	Mocap 5G	grubs mole crickets	A, G, L, S
carbaryl	Sevin SL Sevinol	billbug (adults) cutworms fall armyworms green June beetle grubs grubs sod webworms	A, G, L, S	isofenphos	Oftanol	fire ants grubs mole crickets	A, G, L, S
chlorpyrifos	Dursban	billbug (adults) chinch bugs cutworms fall armyworms fire ants sod webworms spittlebugs	A, G, L, S	**isazofos	Triumph	chinch bugs mole crickets grubs	L (GAS in some states)
*Fire ant baits (Afirm, Amdro, Logic, Pro-Drone) are not included above, but may be used in non-crop areas. ***A - athletic turf L - lawns				trichlorfon	Dylox, Proxol	cutworms fall armyworms grubs sod webworms	A, G, L, S
**Restricted Use G - golf courses S - sod farms							

COOL-SEASON

by Harry Niemczyk, OARDC

Summary of Grub Control Tests in Ohio - 1971-1981¹

INSECTICIDE	LB AI/A	MEAN % CONTROL	(NO. OF TESTS) ²
ethoprop (Mocap)	5.0	83	(10)
isazofos (Triumph)	2.0	92	(20)
bendiocarb (Turcam)	2.0	83	(18)
isofenphos (Oftanol)	2.0	80	(37)
carbaryl (Sevin)	8.0	64	(14)
trichlorfon (Proxol)	8.0	81	(23)
diazinon	5.5	60	(16)
chlorpyrifos (Dursban)	4.0	43	(11)

1 Includes Japanese beetle, *Cyrtopertha* spp., 2 Each test replicated 3 or 4x. Generally, treatments applied late summer or early spring. Irrigated (1/4-1/2 inch) after application, thatch - 1/2 inch, readings taken ca. 4-8 weeks after treatment.-H.D. Niemczyk & K.T. Power.
Phlyophaga spp. only.