

## CONVENTIONAL INSECTICIDES FOR TURF PESTS

Insects	acephate	bendiocarb (Turcam)1	carbaryl (Sevin)1	cyfluthrin (Tempo)1	ethoprop (Mocap)1	halofenozide	imidacloprid (Merit)1
white grubs		x	x		x	x	x
Ataenius	x	x			x	x	x
bluegrass billbug	x l	x l	x a	x a,l		x l	x l
sod webworms	x	x	x	x	x	x	
cutworms	x		x	x	x	x	
armyworms			x	x		x	
leafhoppers	x	x	x				
greenbugs	x						
chinch bugs	x	x	x	x	x		
ants		x	x	x			

a=adult, l=larvae, 1=an example of a trade name, inclusion does not imply endorsement

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Circle 119

isofenphos metaldehyde trichlorfon  
(Oftanol)1

x		x
x		x
x a,l		
x		x
x		x
x		
x		

**INSECT PESTS OF COOL-SEASON GRASSES**

**BENTGRASS**

- \* Mole cricket
- \* Sod webworm

**BLUEGRASS**

- \* Sod webworm
- \* Billbug

**TALL FESCUE**

- \* Ants
- \* Army/cutworms
- \* Bees/wasps
- \* White grubs
- \* Green june beetles
- \* Ground pearls
- \* Leafhoppers/spittlebugs
- \* Sod webworms

**RYEGRASS**

- \* Fall armyworm
- \* Leafhoppers

**INSECT PESTS OF WARM-SEASON GRASSES**

**BERMUDAGRASS**

- \* Billbug
- \* Sod webworm

**CENTPEDEGRASS**

- \* Ground pearls
- \* Hunting billbug
- \* Two-lined spittlebug

**ZOYSIAGRASS**

- \* Billbug

**ST. AUGUSTINEGRASS**

- \* Ground pearls
- \* Hunting billbugs

SOURCE: NORTH CAROLINA COOPERATIVE EXTENSION

**Why insecticides and miticides fail**

- A.** Failures related to label: not reading and/or following label specifications
- B.** Failures related to identification: not knowing the pest or plants well
- C.** Failures related to products: not knowing the products well
- D.** Failures related to methods: not knowing the method of treatment well
- E.** Failures related to timing: improper timing of application

— Bal Rao, Ph.D.

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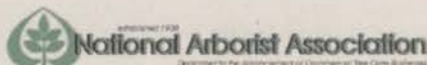
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