

MOLE CRICKETS

Mole crickets are the largest and often most destructive insects in turf, particularly Tawny and Southern mole crickets. Because of their large size (up to 2"), burrowing behavior, and extended activity periods, mole crickets can cause significant damage, particularly in sandy soils.

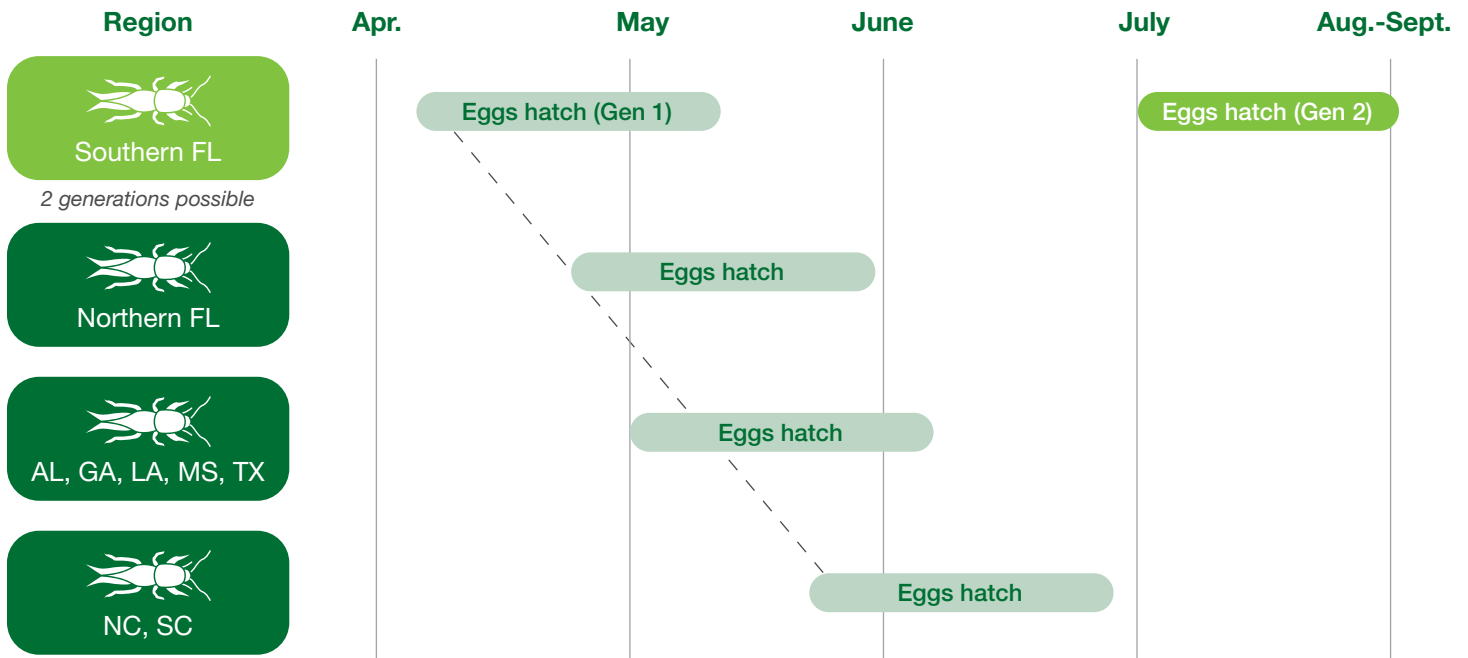
Your Territory, Your Timing

Mole cricket eggs hatch weeks earlier in southern Florida than in North Carolina. Use this timeline to get ahead of the hatch in your area.

Hatch timing by region

Mole crickets are prevalent throughout the Southeast

● Hatch window ● 2nd Generation (S. Florida only) - - - Northward Progression



Lifecycle

Females lay eggs in underground chambers located 4-12" below the soil surface

Eggs hatch in 2-6 weeks depending on soil temperature and moisture



Nymphs progress through 8-10 developmental stages over 6-10 weeks, with turf damage increasing as nymphs grow larger

Adults continue feeding and burrowing before mating and repeating the cycle

Turf Damage

- Damage is caused by feeding and tunneling
- Severe infestations may result in large, irregular bare areas that reduce turf quality and playability, particularly on fairways and practice areas

Scouting

- Soap flushes are effective for forcing mole crickets to the surface to assess density and life stage

Management

Atexzo® insecticide/miticide provides a powerful solution for controlling adults and all nymphal stages. It features PLINAZOLIN® technology, which uses a novel class of chemistry (IRAC Group 30) with no cross-resistance.



Key Benefits



Controls **nymphs and adult** mole crickets through contact and ingestion



Flexible application as Atexzo does not require a custom application or immediate irrigation



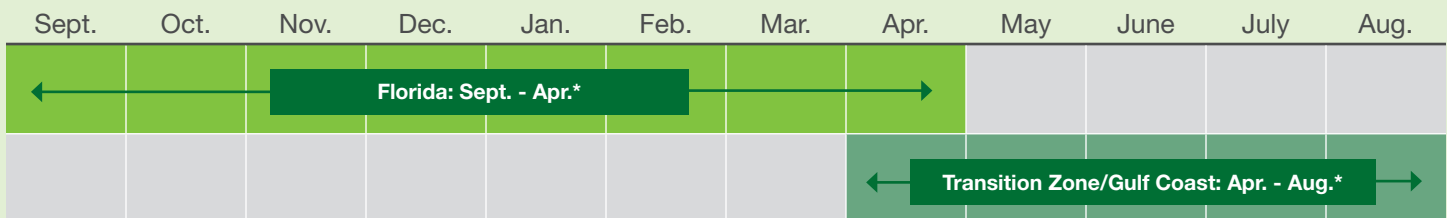
Also controls billbugs, bermudagrass mites, sod webworms and fall armyworms when used as part of a program

Application Recommendations

8 fl. oz./A

when targeting nymphs or adults

Approximate Application Window:



Applications during this time also reduce overwintering populations to prevent outbreaks during the winter golf season in Florida and **minimize spring outbreaks.**

*May vary by location

Typical Residual



4-6 months
on mole crickets

Water-In instructions



Allow Atexzo to dry then water-in with 1/8" of irrigation within 24 hours of application



Comprehensive Programs for Mole Crickets, Billbugs, Caterpillars, Mites & More

FLORIDA				
Date	Product	Rate	Targets	Notes
Sept./Oct.	Atexzo® insecticide/miticide	8 fl. oz./A	Mole cricket large nymphs to adults, billbugs, bermudagrass mites, caterpillars	Apply when mole cricket (large nymphs or adults) and/or billbug adults are active
Nov./Dec.	Acelepryn® Xtra insecticide	20 fl. oz./A	Billbugs, caterpillars	Apply 6-8 weeks after Atexzo
Jan./Feb. as needed	Atexzo or Divanem® nematocide/miticide	4 fl. oz./A 6 fl. oz./A	Bermudagrass mites	Tank-mix with NIS at 0.25% v/v and repeat as needed on a 14-day interval
Mar./Apr.	Atexzo	8 fl. oz./A	Mole cricket adults, billbugs, bermudagrass mites, caterpillars	Apply when mole cricket and/or billbug adults are active
June	Acelepryn insecticide	8 fl. oz./A	White grubs, billbugs, armyworms	Apply 6-8 weeks after Atexzo

TRANSITION ZONE/GULF COAST				
Date	Product	Rate	Targets	Notes
Apr./May	Atexzo	8 fl. oz./A	Mole cricket adults, billbugs, bermudagrass mites	Apply when overwintering mole crickets and/or billbug adults are active
As needed	Atexzo or Divanem	4 fl. oz./A 6 fl. oz./A	Bermudagrass mites	Tank-mix with NIS at 0.25% v/v and repeat as needed on a 14-day interval
June	Acelepryn Xtra	20 fl. oz./A	White grubs, billbugs, armyworms	Apply 6-8 weeks after Atexzo
Sept.	Atexzo	8 fl. oz./A	Armyworms, billbugs	Apply 3-4 months after Acelepryn Xtra or when billbug activity is detected

Learn more at
GreenCastOnline.com/Atexzo

📺 @SyngentaTurf #Time4Atexzo



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