

Altriset: a chemistry like no other

- ▶ New active ingredient (chlorantraniliprole) with a unique mode of action
- ▶ Very low impact on non-target beneficial organisms
- ▶ Halts termite feeding within hours of exposure
- ▶ Excellent residual performance up to 9 years
- ▶ Effective against subterranean and drywood termites

FOR LIFE UNINTERRUPTED™

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PROFESSIONAL PEST MANAGEMENT

INNOVATIVE CHEMISTRY FOR COMPREHENSIVE PROTECTION.

Altriset® is the latest innovation in liquid termiticide chemistry offering long lasting protection.

FOR LIFE UNINTERRUPTED™

Altriset
Termiticide

syngenta®

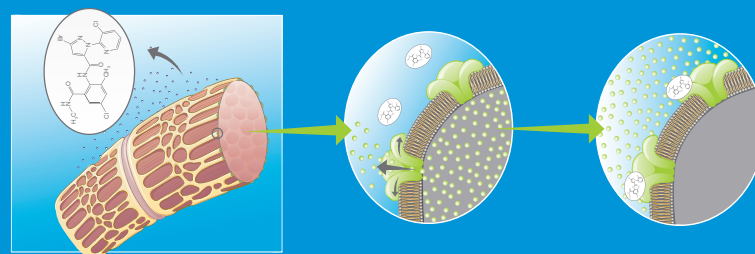
THE LATEST INNOVATION IN LIQUID TERMITICIDE CHEMISTRY

Protect your customers' biggest investment from the threat of termites by using a product that will provide fast-acting, long-lasting, full termite colony control.

Altriset® termiticide offers excellent residual performance up to 9 years ensuring your customers' largest investments are protected from the potential destruction termites can cause.

Unique mode of action delivers excellent results

Altriset is the first termiticide product to feature the novel active ingredient chlorantraniliprole. Studies have proven Altriset is highly effective against termites with its unique mode of action, which halts termite feeding within hours of exposure. Once they are exposed to Altriset, termites will show increased aggregation and enhanced grooming, spreading Altriset to other termites. Affected termites will become more lethargic and show signs of muscle paralysis and decreased coordination, and termite mortality will occur within several days.



Phase 1: Exposure

Termites come in contact with the active ingredient in Altriset.

Phase 2: Activation

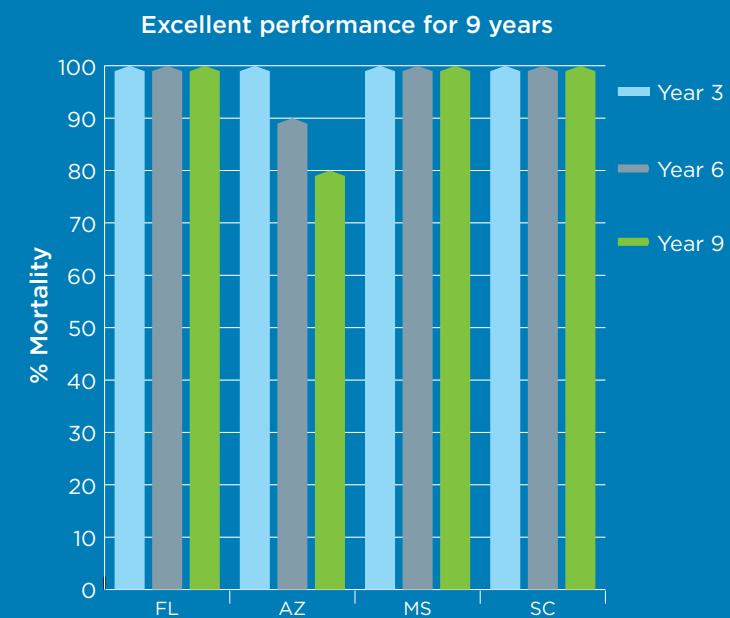
The product binds to the ryanodine receptors in the termite's muscle and causes them to open

Phase 3: Paralysis and death

Calcium flows out of the open receptors, depleting calcium needed for muscle contraction. The resulting muscle paralysis leads to insect death

Termite control for 9 years

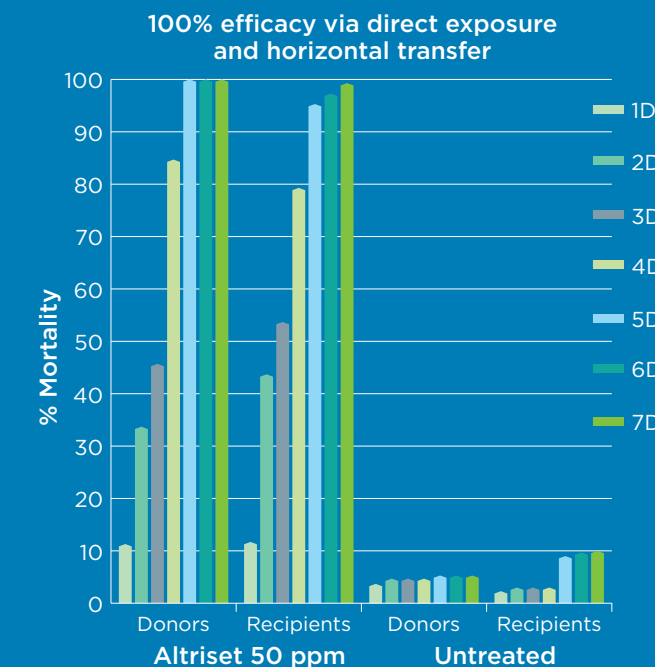
Altriset is highly effective for up to 9 years under concrete slabs in the field, tested in four Southern US states: Florida (FL), Arizona (AZ), Mississippi (MS), and South Carolina (SC).



Source: USDA-FS Termiticide report for 2012. Shelton et al. PM 2.2013, 81 (2): 36-52

Horizontal transfer of the active ingredient for total colony control

After 5 days 100% of the termites with contact to Altriset "recipients" were controlled, and 99% of the termites without direct contact to Altriset died after 7 days too as the "carriers" transferred the product to them (secondary kill of the "recipients").



Source: PR085810, Rust

Altriset
Termiticide

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