Exterra Termite Interception & Baiting System

The End of the Line for Termites!
Which Termite Manager would make you feel safer?
• A System for…
  – Eliminating termite COLONIES
  – More effective termite management
  – Environmentally responsible termite management
ONLY EXterra ELIMINATES the entire colony.
Here’s how Exterra PROTECTS properties

- Exterra starts in the ground…
- In-ground Stations placed to intercept termites
  - Contain non-toxic timber interceptors
Or... In-concrete Stations

- are used if the building is surrounded by concrete
You’ve got termites in the property and you want them gone quickly…

- Exterra works inside homes very quickly!
- Above-ground Stations, are placed on points of termite activity, and baited right away
- This guarantees quick colony elimination
If foraging termites enter the property.....

• The termites are intercepted in the In-ground Stations
• The termites easily detected in the Stations
• Unique - NO DISTURBANCE Station
You’ve found termites, now you want them gone…

- Time to put **Requiem Termite Bait** to work
- This is added without disturbing the termites
- It is preferred to wood
- So they stop feeding on the timber interceptors
- And feed on the Requiem
Termites can’t resist Requiem

- The termites readily eat Requiem..... and
- Feed it to all the colony
- So **ALL** the termites die
- And the colony is quickly eliminated
Once the Colony is ELIMINATED

- Any Above-ground Stations are removed
- All Requiem is removed
- Fresh timber interceptors are placed in the In-ground Stations
- ‘Peace of Mind’ monitoring continues…
Now with FOCUS Termite Attractant

- Natural, non-toxic, food-based granule
- Works with soil microbes to slowly release CO$_2$.
- University proven that CO$_2$ attracts termites
- Focus draws termites into the Exterra Stations
  – Instead of buildings....
Creates a TERMITE INTERCEPTION ZONE

• So termites always find the Exterra Stations first
The only System that creates a complete Termite Interception Zone around a building

- So the building is totally safe.
SAFE and ENVIRONMENTALLY friendly.

• Long term, effective
• Family-safe
• Environmentally responsible termite management
• Using Exterra In-ground Stations with
• **Focus Termite Attractant.**
Requiem Termite Bait

- ACTIVE 1g/kg chlorfluazuron (0.1%)
- Technical Chlorfluazuron - Oral LD$_{50}$ rat - 8,500mg/kg
- **Requiem** - Oral LD$_{50}$ rat – 85,000,000mg/kg

**Material Safety Data Sheet**

- **This product is considered non-toxic.**
  - No abnormalities in reproduction tests.
  - Teratogenicity (tumours) not observed in rats and mice.
  - All mutagenic tests were negative (reverse mutation, aberrant chromosomes and DNA repair).
  - Effects of large doses of chlorfluazuron were studied, but no abnormalities were observed (central nervous system, respiration, blood pressure and electrocardiograms).
Why is Requiem so Safe?

- It’s Mode of Action is specific to insects
- A Chitin Synthesis Inhibitor (CSI)
- Only insects have an outer skeleton
  - made of chitin
- To grow they shed the outer skeleton
- Requiem **STOPS** new outer skeleton forming
  - It is thin and brittle
- So the termite dies
Normal moulting
Moult after Requiem
Requiem kills all life stages

• **Primary Effects**
  – Eggs are sterile
  – Workers are killed
  – Early instar (young) termites die
  – Soldiers die
  – (King &) Queen are the last to die

• **Secondary Effects**
  – Mouth parts
    – stops feeding
  – Lining of intestine

• **Slow acting**
  – No bait shyness
  – No resistance
Week 3

Bait eaten
Add fresh bait
Behavioural Changes – Act differently
- Move slowly
- Look sluggish
- Sometimes outside of workings
Week 3

Normal – mostly workers
Physiological Changes
Colour changes
Mostly Soldiers – Caste ratio change
Week 4

Mostly soldiers
Due to workers dying first…
Week 5

NO WORKER termites
COLONY IS DEAD!!!
The Measurable Steps to Success
So you know what is going on!!

- Did they **EAT** any Requiem? just 50g needed
- Did they show any **COLOUR** changes?
- Did they **ACT / BEHAVE** differently?
- Did you see a ratio change?
  - **MOSTLY SOLDIERS**
- Did you start seeing **FEWER TERMITES**?
- Now there are **NO TERMITES**?
Exterra’s LARGER Stations intercept termites better

- Exterra Stations are 4x larger
- Scientific research proves this is better for intercepting and baiting termites
- So with larger Stations and Focus to direct them, termites will find a Station first
- And that guarantees the colony is eliminated
- **Keeping properties safe**
Exterra Eliminates all Termite Species:

- Coptotermes formosanus
- Coptotermes acinaciformis
- Coptotermes frenchi
- Coptotermes gestroi
- Coptotermes havilandi
- Coptotermes curvignathus
- Coptotermes vastator
- Coptotermes treviens
- Coptotermes michaelseni
- C. acinaciformis raffrayi
- Schedorhinotermes spp

- Heterotermes ferox
- Nasutitermes exitiosus
- Nasutitermes walkeri
- Microcerotermes spp
- Microtermes spp
- Porotermes adamsoni
- Reticulotermeis spp
- Macrotermes gilvus
- Globitermes sulphureus
- Microcerotermeis losbanosensis
Exterra GUARANTEES to solve the problem

- Unique Exterra QUALITY tick
- Authorised and trained operators
- Station Barcoding
Over 10,000 km of buildings protected…