

# D-FENSE NXT

## PRESSURIZED SOLUTIONS



D-Fense® NXT is formulated with three active ingredients providing three modes of action for quick knockdown and residual control of bed bugs and other listed pests.

### Features & Benefits of using D-FENSE NXT

- Contact kill and residual control.
- For use on mattresses, furniture and carpets.
- Kills bed bugs where they hide.
- Breaks the life cycle of cockroaches.
- For indoor/outdoor use.
- Prevents bed bug and Flea eggs from hatching
- Effective long-term control of Fleas, Roaches, Flies, Mosquitoes & Ants
- Combination Chemistry® -- Contains adulticide and 2 IGRs
- No PPE requirements.
- Dual spray + straw applicator allows for flexible applications.

### Insects Controlled

Ants, Bedbugs, Termites, Cockroaches, Fleas, Flies, Mosquitoes, Spiders, Wasps, Ticks

### Use sites

For use in and around domestic, commercial, industrial, public buildings and transport vehicles - including food processing establishments, shops, factories, ships, offices, schools, storerooms, hospitals, barracks and private houses.

### Modes of Action

- Deltamethrin is a Sodium Channel Modulator.
- Pyriproxyfen is a Juvenile Hormone Analog.
- Novaluron is a Chitin Synthesis Inhibitor.

### Active Ingredients

- 2g/kg Novaluron
- 0.6g/kg Deltamethrin
- 0.2g/kg Pyriproxyfen

### Packaging

- 425g Aerosol

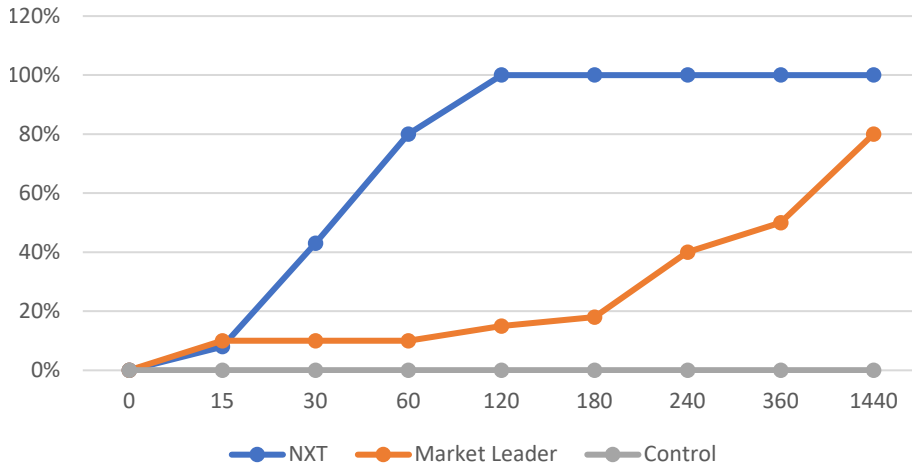


ADAMA

## Efficacy Studies

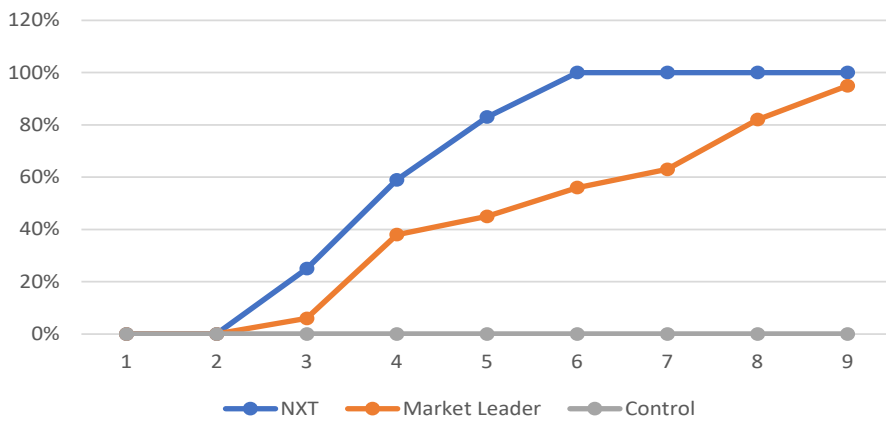
Chart of American cockroach mortality for each treatment over time in minutes

### Cockroach Mortality



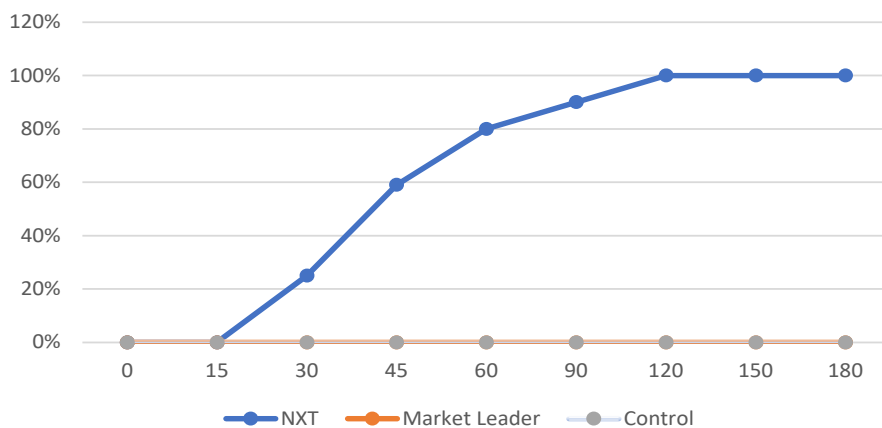
Black house ant mortality for each treatment in minutes

### Black House Ant Mortality



Mosquito mortality for each treatment in minutes

### Mosquito Mortality



## Why 2 IGRs in D-Fense NXT?

D-Fense® NXT contains 2 IGRs, novaluron and pyriproxyfen. These 2 IGRs help to break the bed bug life cycle and to prohibit the insect from molting properly. When these unique IGRs are combined, they work in a whole new way, causing results not seen with either product alone – a synergistic effect.

## Use Rates

For general surface applications, hold can approx 35cm from the surface being sprayed and apply at a rate of 10 second for 10m<sup>2</sup>.

For spot applications, hold can approx 35cm from the surface being sprayed and apply at a rate of 1 second for 1m<sup>2</sup>.

## Other rates

1m per second for cracks & crevices in light infestations.

1m per second for cracks & crevices in heavy infestations.

## Where to Use

D-Fense® NXT is labelled for use in and around domestic, commercial, industrial, public buildings and transport vehicles - including food processing establishments, shops, factories, ships, offices, schools, storerooms, hospitals, barracks and private houses.

