

NEW

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.

- Breaks the lifecycle of bedbugs and many listed insects.
- Prevents bed bug eggs from hatching.
- No PPE requirements.
- 360 degree valve allows for flexible applications.
- Features a flip up actuator – no searching for the right tip for the job.
- Can be used indoors and outdoors.
- Spot, crack & crevice and general surface applications.



D-Fense® NXT Profile

Formulation	Easy to Use Aerosol
Active Ingredients	0.20% Novaluron, 0.06% Deltamethrin, 0.02% Pyriproxyfen
Target Pests	Bed bugs, cockroaches, stored product pests, carpet beetles, crickets, ants (see label for complete list)
Packaging	12 x 15 oz/case
Modes of Action	<ul style="list-style-type: none"> • Deltamethrin is a group 3 sodium channel modulator. • Pyriproxyfen is a Juvenile Hormone Analog. • Novaluron is a Chitin Synthesis Inhibitor.
Signal Word	Caution

Use Rates

For general surface applications, hold can 12-15 inches from the surface being sprayed and apply at a rate of 10 seconds for 100 ft².

For spot applications, hold can 12-15 inches from the surface being sprayed and apply at a rate of 1 seconds for 2 ft².

Other rates:

- 3 linear feet per second for cracks & crevices in light infestations.
- 1 linear foot per second for cracks & crevices in heavy infestations.



Control Solutions Inc.

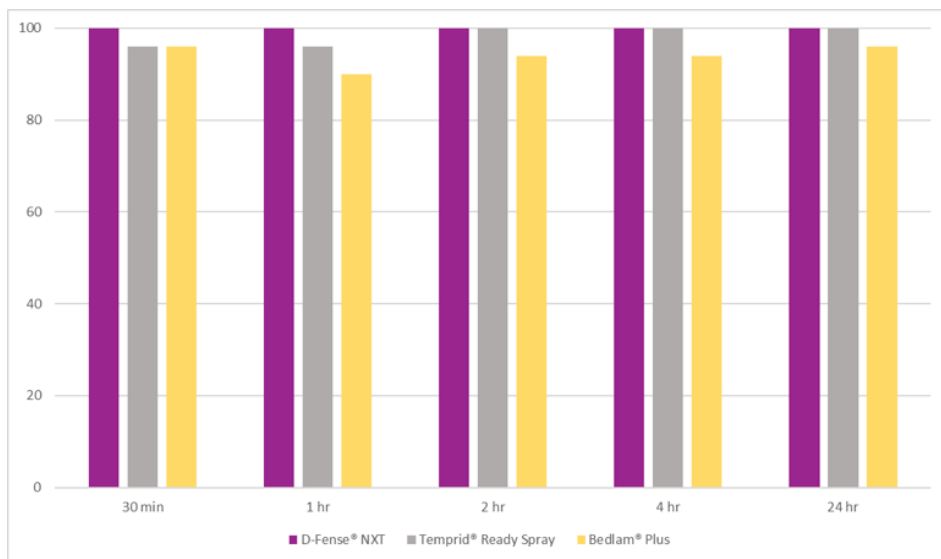
A member of Adama
Consumer and Professional Solutions



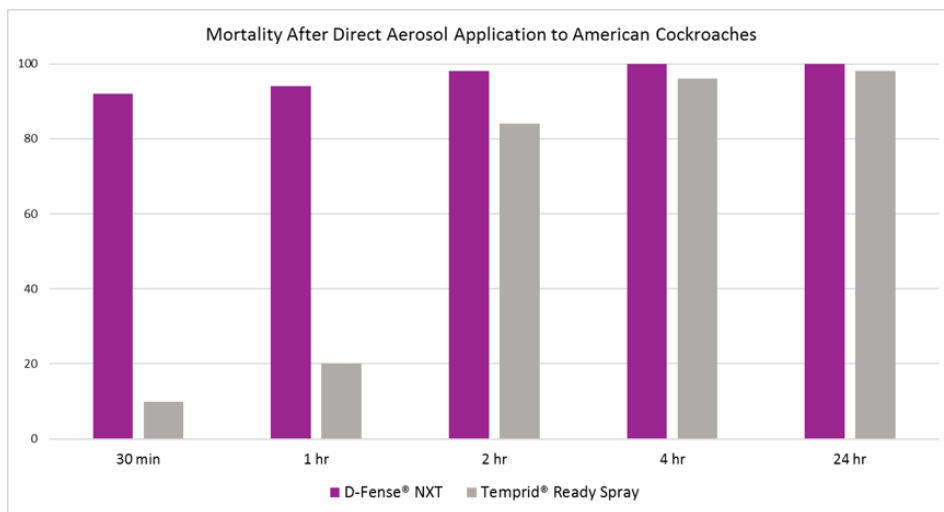
Efficacy Studies

Ten insects were used with five replications. The insects were placed into mesh cartridges for treatment. The insects were treated with one second of spray and transferred to a clean container one hour after the application. All testing was performed at an independent lab in 2017.

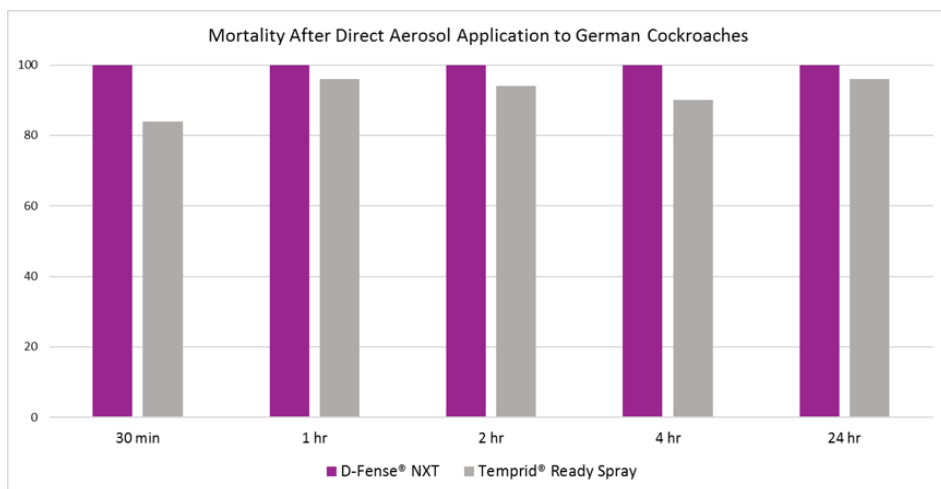
Graph 1. Mortality to bed bugs over 24 hours.
Bed Bugs – Cimex lectularius



Graph 2. Mortality of American Cockroaches over 24 Hours
American Cockroaches - Periplaneta americana



Graph 3. Mortality of German Cockroaches over 24 Hours
German Cockroaches – Blattella germanica



Why 2 IGRs in D-Fense NXT?

D-Fense® NXT contains 2 IGR active ingredients, 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 effects not seen with either product alone – a synergistic effect. This means instead of seeing JH-affected adults, the number of pests is dramatically reduced because they cannot complete the molting process properly and during this, they die.

How to use D-Fense® NXT.

D-Fense® NXT may be used in food/feed areas and nonfood/feed areas of food handling establishments as a spot or crack and crevice application. D-Fense® NXT may be used when food/feed facilities are in operation. This product is for use in Federally Inspected Meat and Poultry Plants as a crack and crevice treatment. However, in federally inspected meat and poultry plants, applications may not be made when the facility is in operation.

Use Sites:

Apartments, Campgrounds, Non-Food Storage Areas, Homes, Hospitals (unoccupied rooms), Hotels, Motels, Nursing Homes†, Resorts, Restaurants and other Food Handling Establishments, Schools, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, Planes), Utilities, Warehouses, and other Commercial and Industrial Buildings.

Additionally, D-Fense® NXT is labeled to use on mattresses and box springs, as well as tufts, folds, and edges of these items. D-Fense® NXT is also labeled to use outdoors on surfaces of buildings, window frames, foundations, entry points, where pests congregate, and outdoor furniture legs.

Always read and follow label and SDS directions. To learn more, visit www.controlsolutionsinc.com.

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