



## The Power of Neem

CIRKIL™ RTU is a ready-to-use insecticide formulated using cold-pressed neem oil, a botanical oil derived from the neem tree. Neem has long been known to have insecticidal and medicinal properties, and has been used for thousands of years in traditional medicine and natural health care, skin treatments and agricultural pest control.

CIRKIL™ RTU and CIRKIL™ CX have both recently been approved by the U.S. EPA for use in controlling bed bugs and their eggs as well as cellar spiders, and have been approved by the California Department of Pesticide Regulation (DPR) for the control of bed bugs and their eggs.

CIRKIL™ products pair high standards of efficacy at all stages of the bed bug life cycle with equally high standards of low toxicity and environmental safety. All ingredients are biodegradable and Generally Recognized as Safe (GRAS).

“Cold Pressed Neem Oil, in either agricultural or indoor use practices, presents no issues of toxicological, ecological, or environmental concern,”

- U.S. EPA, Biopesticide Registration Action Document (BRAD)

## CIRKIL™ Facts

Residual pesticides effective for killing bed bugs & eggs

Kills adults, nymphs and eggs

Effective against pyrethroid-resistant strains

Works fast: results in 4 to 24 hours\*

Can keep killing live bed bugs for up to 2 weeks\*

Keeps killing eggs for up to 3 weeks\*

Broad and flexible indoor application

Can be used on most indoor surfaces and fabrics, including mattresses, sheets, cloth, upholstery, wood, drywall, painted and unpainted surfaces, furniture and travel bags etc.

Uses botanically-derived, organic materials

Non-staining

Limits growth and spread of bed bug infestations\*

\* When used as directed (depends on conditions and surfaces treated)



For more information, visit  
[www.terramera.com](http://www.terramera.com)

or contact:



Ready-to-use insecticide & ovicide

## Effective Botanical for Bed Bug Management

- Highly Effective
- Fast Acting
- Fast Drying
- Botanical
- Easy to Use
- Flexible Label
- Low Toxicity



Terramera is pleased to introduce the CIRKIL™ line of insecticides and ovicides for treatment of bed bug infestations. CIRKIL™ botanical biopesticides meet the highest industry and regulatory standards of safety and efficacy.

CIRKIL™ RTU is a Ready-to-Use formulation designed for use in spot treatments, areas where quick contact kill and where quick dry times are required: i.e. treatment of cardboard, back of wall hangings or wall treatments and other areas where water damage may be an issue; also ideal in areas where a high concentration of live bugs or eggs are found, or for follow up treatments.

CIRKIL™ RTU should be used by Pest Management Professionals in conjunction with CIRKIL™ CX Concentrate formula.



No other product on the market kills both adults and eggs as a residual treatment

### Eggs exposed to Dry Residues, Wet Residues & Direct Spray Treatments of CIRKIL™ RTU



### CIRKIL™ RTU EFFICACY SUMMARY

- ✓ 100% residual kill of adults
- ✓ 100% prevention of egg hatch
- ✓ 100% residual kill of pyrethroid-resistant strains
- ✓ Contact kill of adults, nymphs, and eggs

ONLY EPA registered plant-based biopesticide for bed bug control

CIRKIL™ products are the only EPA approved biopesticides that kill both bed bug adults and their eggs as a contact and a residual treatment.

“Trials conducted at product label rates showed control of bed bug adults, nymphs and eggs. Treatment residues on various substrates killed all adults in less than 24 hours, and direct spray killed all adults in less than 8 hours. Bed bug eggs exposed to dried residues, wet residues and direct sprays of treatment all did not hatch. Treatment on wood substrate remained active in preventing nearly all egg hatch for up to 19 days post treatment. Retreatment interval for control of adults and nymphs was found to be 14 days (up to 100% for 10 days and 90% or greater for 14 days on wood), and for control of eggs was found to be 21 days (up to 100% for 18 days and 80% or greater for up to 21 days).”

- U.S. EPA, Biopesticide Registration Action Document



"I like the fact that it also kills the eggs, is natural, and leaves a pleasant fragrance."