

Science for a **better life**



**Temprid**<sup>®</sup>  
FX

What you do is about much more than controlling pests. It's about helping create healthier spaces for your customers where they live, work and play. That's why Bayer invests in the latest innovations, technical expertise and business-building tools for Pest Management Professionals. So, together, we can help people lead a better life. It's science, solutions and support at your fingertips. It's science for a better life.

For more information, visit [environmentalscience.bayer.us](http://environmentalscience.bayer.us).



*Powerful  
inside and out*

**against hard-to-kill pests**

**ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS.**

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**Temprid<sup>®</sup>**  
**FX**

Temprid FX combines the powerful, co-milled, dual-active formula you trust for knockdown and long-lasting control of hard-to-kill pests with a flexible label that delivers more value. This strength and flexibility gives you the added confidence to take on the toughest jobs, including notoriously hard-to-kill pests, like bed bugs, scorpions and spiders.

## Features

at a glance

- // Powerful, broad-spectrum insecticide that controls over 50 pests
- // Can be applied indoors and outdoors, including foliar applications on non-blooming plants
- // Proven to reduce callbacks by over 50%\*
- // Effective against key public health pests (including mosquitoes, ticks, etc.) that may transmit various diseases and viruses
- // Enhanced label directions for providing excellent control of scorpions
- // Also ideal for use on occasional invaders
- // Provides contact activity and systemic action
- // Available in multiple sizes, including a convenient, monodose bottle – exact dose for mixing with one gallon of water



Scorpions



Bed Bugs



Spiders



Ants

\*Bayer PMP Callback Studies, 2007-2009.

# The power of *Temprid*<sup>®</sup> FX

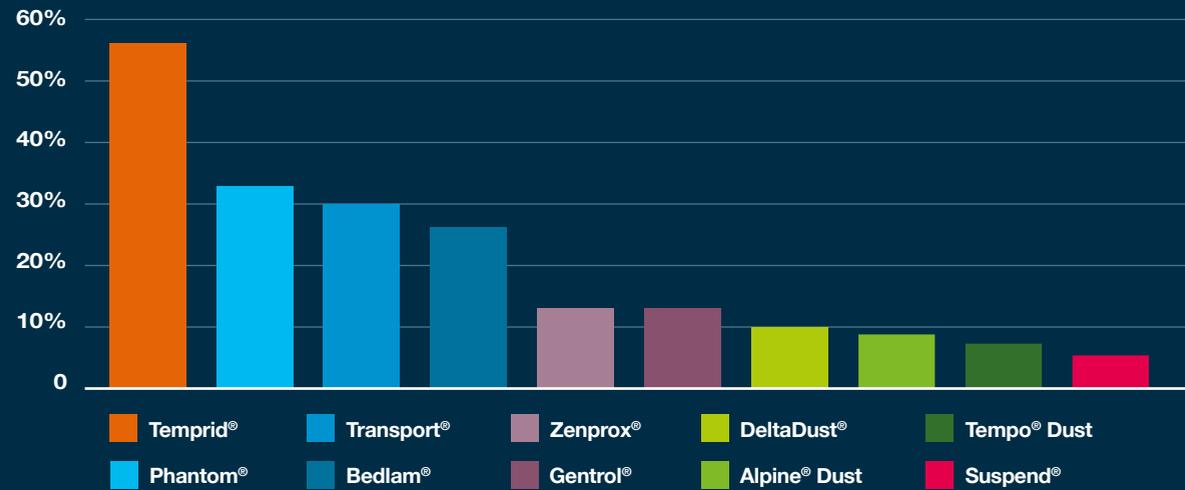
Bayer understands how to get the most out of two AIs working together. Temprid FX has a special co-milled formulation. This helps ensure that pests are evenly exposed to BOTH AIs at the molecular level. And this double exposure occurs consistently. This kind of coverage and consistency cannot be guaranteed when two products are simply mixed together, which is the case with many dual-actives on the market today. The power of Temprid is why so many PMPs trust it for tackling hard-to-kill pests.



## The #1 product for bed bugs

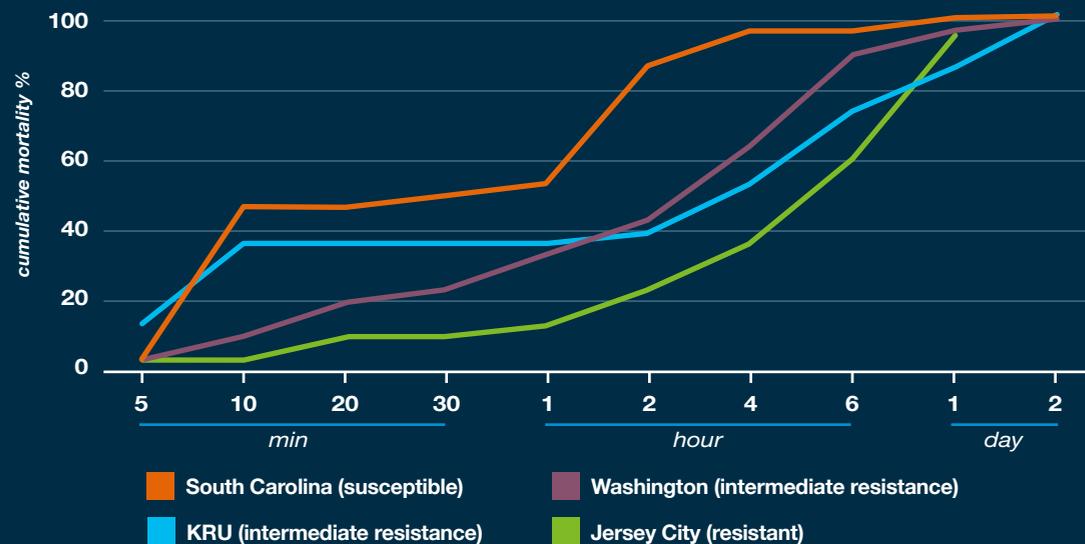
The Temprid® dual mode of action controls bed bugs that are resistant to pyrethroids and also kills bed bug eggs. Plus, its flexible labeling allows applications indoors and directly to mattresses.

### Top 10 Products Used in Bed Bug Control\*



\*Based on the percent of respondents who mentioned them. Source: Nov-Dec 2015, NPMAPestWorld.org.

## Temprid controls the most resistant bed bug strains



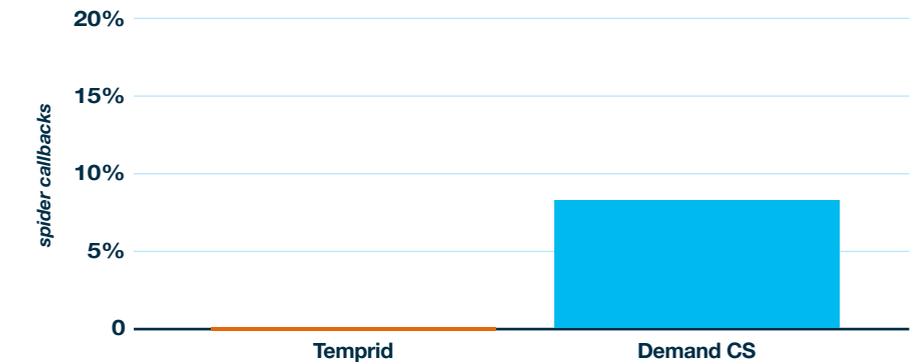
Cumulative effect among bed bugs exposed to Temprid through direct sprays. Source: OE16USAVKN-ERN1, New Mexico State.

## Reduce spider callbacks

// Results based on a comparison of more than 600 accounts over a 90-day period

// Accounts using Temprid received zero callbacks

### A 90-day comparison of Temprid and Demand® CS



Studies use the same treatment protocol for both products.  
Bayer Internal Study: OE08NARBYL-EBA1.





## Flexible label means scorpions are no match for the power of Temprid®

### Scorpions

Apply as a perimeter treatment to exterior walls and adjacent soil, to known or suspected harborages of scorpions. Apply spot treatments into cracks, crevices, weep holes, or other access points into hollow block walls or masonry veneer. When possible, remove piles of debris and building materials near the exterior wall that can harbor the pests. You may treat around piles of firewood, but do not treat firewood with this product.

## Temprid works hard for pest management companies

A Scottsdale, AZ PMP reduced its scorpion callbacks by 87% after switching to Temprid.

- // Received 23 callbacks before using Temprid to control scorpions
- // Only 3 callbacks on the same route the following season using Temprid

### “There are not many pests

*that invoke such fear as the scorpion.*

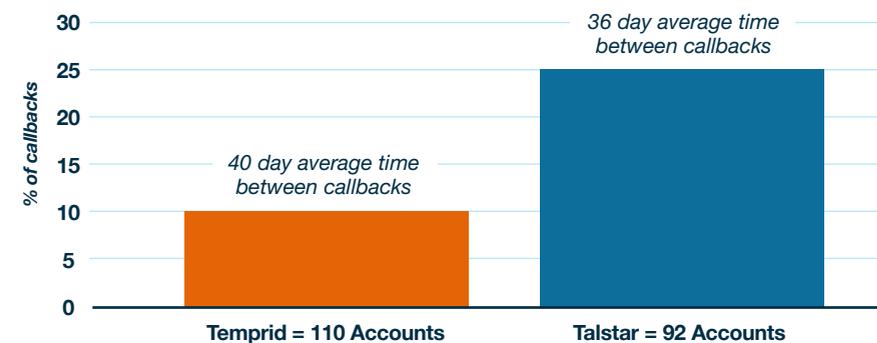
The region we serve experiences a tremendous amount of scorpion pressure, so naturally we needed a product that would satisfy control of that specific activity. Our feedback from our customer base has been overwhelmingly positive following the implementation of Temprid.”

*Nathan Watters, President  
Cummings Termite & Pest,  
Scottsdale, AZ*



## Temprid tames scorpions vs. the competition

Average percent callbacks on scorpion accounts for four routes in San Antonio, TX, July 1, 2009 to October 31, 2009 (Two routes with Temprid and two routes using Talstar®)



Bayer Internal Study: OE09NARBYETC2.



## Outperforms for ants & occasional invaders

Temprid delivers unsurpassed, flexible ant control.

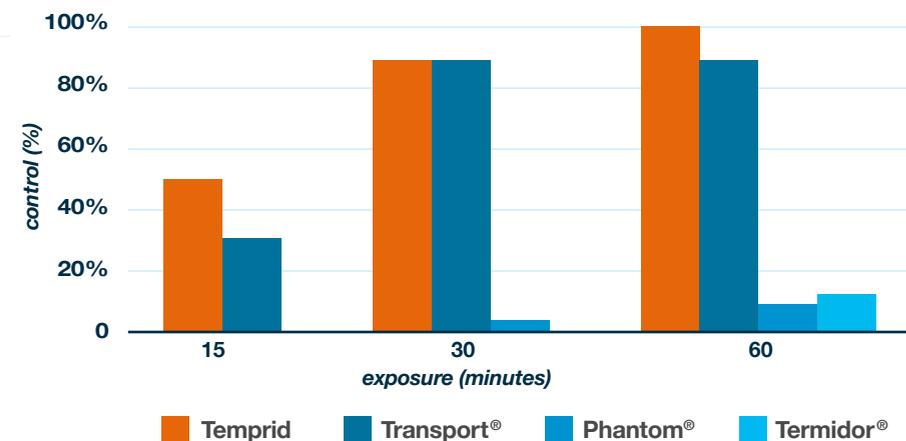
- // Ant management program: apply to shrubs and ornamentals that are not blooming and where ants may find food or forage\*

Temprid is also excellent on occasional invaders, including stink bugs.

- // Occasional invaders: treat infested trees and shrubs early in the season\*

\*Check local regulations regarding licensing for ornamental applications.

Average of efficacy on a variety of ants, household pests and occasional invaders



Bayer Internal Study: OE08NARBYF.

## Expanded label means

# increased flexibility

PMPs asked for it, Bayer delivered. Temprid® FX features a flexible label that enables you to use the trusted power of Temprid on non-blooming foliar applications, in addition to traditional indoor and outdoor uses. The Temprid FX label also features enhanced directions for optimum control of scorpions as well as public health pests, including mosquitoes.

### PRODUCT FACTS

- Two modes of action • Contact activity & systemic action • Low odor • Non-staining

Temprid® FX Insecticide	<ul style="list-style-type: none"> <li>• Temprid FX Insecticide is a suspension concentrate formulation of two insecticide active ingredients, Imidacloprid and <math>\beta</math>-Cyfluthrin. One gallon of this product contains 2 lb. of Imidacloprid and 1 lb. of <math>\beta</math>-Cyfluthrin</li> <li>• Shake well before using</li> </ul>
Controls	<ul style="list-style-type: none"> <li>• Indoor / General Household Pests</li> <li>• Outdoor / Perimeter Pests</li> <li>• Wood-Infesting Pests</li> </ul> <p>For list of specific insects, see inside.</p>
Where To Apply	<p>Apply where pests have been seen or found, or can find shelter.</p> <ul style="list-style-type: none"> <li>• In and around buildings and structures</li> <li>• On established landscape ornamentals that are not in bloom around residential and commercial properties</li> </ul>
Where To Apply OUTDOOR/ PERIMETER PESTS	<ul style="list-style-type: none"> <li>• In ant management programs, apply to shrubs or ornamental plant beds that are not blooming, and where ants may find food or forage</li> <li>• In mosquito and occasional invader management programs, apply to trees, shrubs, or ornamental plant beds that are not blooming</li> <li>• In flea and tick management programs, apply along paths, tall grass, and other vegetation that is not blooming</li> <li>• To control listed stinging insects, treat nests and/or mounds wherever they occur</li> </ul>
Mosquitoes (including mosquitoes that may transmit chikungunya, dengue, West Nile virus, and Zika)	Treat with spray or mist around landscape plants, turf, and ground cover, under decks, around building foundations, and other places where mosquitoes may rest.
Scorpions	Apply as a perimeter treatment to exterior walls and adjacent soil, to known or suspected harborages of scorpions. Apply spot treatments into cracks, crevices, weep holes, or other access points into hollow block walls or masonry veneer. When possible, remove piles of debris and building materials near the exterior wall that can harbor the pests. You may treat around piles of firewood, but do not treat firewood with this product.
Occasional invaders Boxelder bugs, elm leaf beetle, seed bugs, stink bugs, and other listed pests	Apply directly to insects that have congregated around doors and windows and similar areas where they may enter structures. Apply perimeter treatment as described above. For best results, treat infested trees and shrubs early in the season. A single foliar application of this product will kill stink bugs feeding on protected plants for 4 weeks. Tree spraying may require ornamental license – check with your local regulator.

Note: Blue text represents expanded language on label. Check local regulations regarding licensing for ornamental applications.



# Tempriid<sup>®</sup> FX

**is the total answer**

The dual-action, broad-spectrum power of Tempriid, plus a flexible label means you can control more pests in more places!



Bathroom



Bedroom

Around Building Foundations

Exterior Walls

Nest & Mounds

Under Decks

Established Landscape Ornamentals and other Vegetation not in Bloom (trees, shrubs, plant beds, tall grasses, paths)



Kitchen



Entry Points

For more information, visit [environmentalscience.bayer.us/tempriid](http://environmentalscience.bayer.us/tempriid).

# Value for you

Temprid® isn't just powerful, it can save you money as well. It has been proven in studies to reduce callbacks by over 50%\*. Try the Temprid Value Calculator and see how much Temprid could potentially save you.

\*Bayer PMP Callback Studies, 2007-2009.



Available on iTunes Bayer Temprid Difference

## Temprid FX insecticide mixing directions for power spray equipment

Application Volume: (gal./1,000 sq. ft.)	Use Rate* (ml/1,000 sq. ft.)	Milliliters of Temprid FX Needed per Tank Size			% Conc.
		10 gal.	25 gal.	50 gal.	
2	8	40	100	200	0.038%
5	8	16	40	80	0.015%
8	8	10	25	50	0.009%
10	8	8	20	40	0.0075%

\*Double the rate (16 ml/1,000 sq. ft.) for severe infestations, faster knockdown and longer residual (Note: 29.6 ml = 1 fl. oz.). For high volume applications, Temprid FX may be diluted at lower concentrations and applied in greater volumes of water to provide 8 ml per 1,000 sq. ft.

Refer to the Temprid FX label for specific use directions.

Use this formula if your application volume and tank size are not found in the table.

$$\frac{\text{Tank Size (gal.)}}{\text{Spray Volume (gal./1,000 sq. ft.)}} \times \text{Use Rate} = \text{Amount of Temprid FX (ml)}$$

Example:

You want to mix 15 gal. of Temprid FX solution at a rate of 8 ml/1,000 sq. ft. Your spray volume is 3 gal./1,000 sq. ft. How much Temprid FX should you add to the tank?

$$\frac{15 \text{ gal.}}{3 \text{ gal.}} \times 8 \text{ ml} = 40 \text{ ml Temprid FX Insecticide}$$

Using the above formula, 40 ml of Temprid FX should be added to the 15 gal. tank.

Formula for determining percent concentration in finished spray.

$$\frac{(\text{Milliliters Temprid}) \times 1.13}{(\text{Gallons of Finished Spray}) \times 3,785} \times 31.5 = \% \text{ Concentration Temprid}$$