BASF
We create chemistry

# 2022 Pest Control Solutions

Product Catalog

# BASF Urban Pest Control:

## To protect human health and home

- Control insects and rodents that carry and spread disease
- Enable good hygiene practices for safe environments in facilities such as schools, hospitals, restaurants and homes
- Enhance structural longevity of housing and buildings by protecting them from damage caused by termites and rodents
- Develop highly effective products, which require fewer applications, lower water consumption, and reduce return visits by the applicator
- Strive for zero-incident mindset by providing pest control professionals with training on the proper use of products in various urban settings

**pss.basf.us/proper-use.html**

Visit the BASF Proper-Use website for valuable information on best practices, environmental responsibility and many resources that help ensure health, safety and effective results with pesticide performance.

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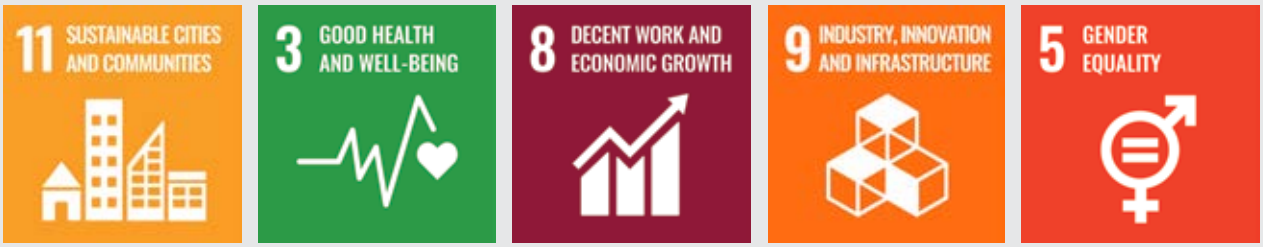
Supporting the implementation of
**UN Sustainable Development Goals**

BASF supports the United Nations in the implementation of the UN Sustainable Development Goals (SDGs), which create the framework for sustainable business practices at the economic, social and environmental levels. The company is focusing on the five SDGs shown in the boxes below (note: the goals are numbered 1-17 by the UN).

The 17 UN Sustainable Development Goals are a call for action by all countries to promote prosperity while protecting the planet. They recognize that ending poverty must go hand-in-hand with strategies that build economic growth and address a range of social needs. For more information, visit https://www.un.org/sustainabledevelopment/

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## Efficiency

### Reduce time and labor

Less time and labor means making your job easier and your business more profitable. The BASF portfolio of general pest control and termite control solutions are formulated to help you gain operational efficiencies, which can help grow your business.

## Reliability

### Effective products you can count on

Getting the job done right the first time frees your business for more jobs and increases customer satisfaction. BASF pest control solutions combine effective products with proven practices for reliable results you can trust.

## Support

### Commitment to the profession

As a leader in the industry, BASF has a responsibility to support its growth. That's why we supply more than just chemicals. We also partner with the National Pest Management Association (NPMA), industry distributors, trade publications and more on educational opportunities and initiatives that support and strengthen the pest industry.

# Innovation

We're excited to introduce our newest product, Ridesco WG insecticide, to our comprehensive pest control portfolio. With each new formulation, our goal is to provide products with greater efficacy that can help you gain efficiency in your business.

## Ridesco™ WG

Insecticide

A.I. 20% Dinotefuran and 10% Alpha-Cypermethrin
*Packaged 190 g and 475 g*

- Dry dilutable, dual mode of action formulation is an excellent choice for perimeter treatments, including landscapes, lawns and ornamentals; indoors and food-handling areas
- Two trusted AIs in one convenient treatment that are effective against American cockroaches, ants, house flies, bed bugs and other pests
- Fast-acting and performs well under even the harshest conditions against many hard-to-manage pests
- Great for product rotation and insecticide resistance management
- Easy-to-mix, with a convenient built-in measuring cap

# ANTS

## The Problem

Ants are the number one reason homeowners call a pest management professional. Given this reality, ants have a particular importance not only as a frequently encountered pest control challenge, but quite often as the foundation of your ongoing relationship with a customer.

Due to their complex social structures, foraging and nesting habits and more, ants can be quite difficult to control. The cost of failure, at best, will be callbacks, wasted time and resources. At worst, it will be the loss of a potential profitable, long-term customer.

## The Solution

The BASF Absolute Ant Control Guide was created to give you everything you need to confidently control ant problems, minimize callbacks and establish longstanding customer relationships. It employs a three-layer, inside-out approach that maximizes the genuine transfer effect[1] of **Termidor® SC** termiticide/insecticide while taking advantage of the broad label of **Alpine® WSG** water soluble granule insecticide.

**For more information see BASF Absolute Ant Control**

## The Products

### Layer 1: Outside (Off-Structure)

Treating away from the structure reduces the pressure around the structure itself. This aids in control and helps prevent newly invading colonies from setting up close to the house.

- **Alpine WSG** water soluble granule insecticide
- **Advance®** brand ant baits
- **Siesta®** insecticide fire ant bait

IPM techniques and industry-leading technical support complete the solution and help make your ant program a more powerful source of new business opportunities and profit.

### Layer 2: Outside (Exterior Foundation)

**Termidor SC** termiticide/insecticide creates a potent treated zone of non-repellent protection around and on the home. Ants pass through it and transfer the active ingredient to nest mates through routine social contact.

- **Termidor SC** termiticide/insecticide[1]

### Layer 3: Inside

**Alpine WSG** water soluble granule insecticide expands the treatment zone into the structure, without the risk of "budding" or "lock-in" that can occur with repellent insecticides. **Advance** brand ant baits provide targeted ant bait options for different ant species and use sites.

- **Alpine WSG** water soluble granule insecticide[2]
- **Advance** brand ant baits

[1] 2003, B. Wiltz and D. Suiter, University of GA

[2] Use **Phantom termiticide-insecticide** in NY for indoor applications because **Alpine WSG** water soluble granule insecticide's NY registration for indoor use is limited to crack and crevice and spot treatment.

# BED BUGS

## The Problem

Few pests pose control challenges as complex as bed bugs. Hard to find, persistent, and increasingly pervasive, bed bugs require considerable professional expertise and significant client cooperation. As if that isn't enough, research indicates that bed bug strains showing resistance to pyrethroid insecticides are now widespread in the United States. Factor in repellency-related problems associated with pyrethroids, and it's clear: a smarter approach to controlling bed bugs is sorely needed.

## The Solution

The BASF Better Bed Bug Control protocol is based on the latest research and effective strategies utilizing breakthrough materials with significant advantages over residual pyrethroids. With this treatment guide, steps can now be taken to kill existing bed bugs or prepare a room for the event of bed bug infestations in a way that significantly reduces the likelihood that an infestation will take hold and spread.

## The Products

- **PT® Phantom® II** pressurized insecticide kills pyrethroid resistant and non-resistant bed bugs
- **Phantom** termiticide-insecticide for long-lasting control of even pyrethroid-resistant bed bugs including newly hatched nymphs
- **Alpine® D** dust insecticide for bed bug-prone voids even in sensitive accounts
- **PT Alpine Flea & Bed Bug** pressurized insecticide for upholstered furniture and carpets
- **Alpine WSG** water soluble granule insecticide

# FLEAS

## The Problem

Once among the top reasons for calls to PMPs, flea problems appeared to decline significantly toward the end of the 20th century. With improved flea control products and the introduction of on-animal products, homeowners began relying more on veterinarians than PMPs for flea control.

However, today flea business is up throughout the United States, as compared to just a few years ago. Homeowner complacency in treating their pets and an increase in urbanization, which has displaced wildlife such as raccoons, skunks, and opossums may well have been factors in this flea resurgence.

Whatever the cause, fleas are a problem no PMP should be ill-prepared to effectively and efficiently control.

## The Solution

The BASF flea control solution is designed to help you reliably control fleas and minimize technician time and labor as well as homeowner inconvenience. It combines a strategic inspection and application plan with pressurized technology and advanced products for quick knockdown and residual control.

## The Products

- **PT Alpine Flea & Bed Bug** pressurized insecticide for quick knockdown and in as little as 30 minutes
- **PT 565 Plus XLO** pressurized contact insecticide as a direct contact and space treatment
- **Alpine WSG** water soluble granule insecticide for broadcast treatment outdoors
- **PT Ultracide®** pressurized flea insecticide kills hatching eggs for up to seven months

# GERMAN COCKROACHES

## The Problem

German cockroaches are pervasive, elusive, and prolific. They are also associated with numerous pathogenic organisms, a source of human allergens, and an unsightly prompt for assumptions of poor sanitation. Obviously, their presence anywhere food is processed, stored, or served is unacceptable. Controlling German cockroaches in these environments, however, can prove quite challenging. They travel easily on deliveries, reproduce quickly, and prefer to live inside difficult to access cracks, crevices and voids. In addition, some German cockroach strains are resistant to some common insecticides, and others have developed feeding aversions to some bait formulations.

These challenges are compounded by common control methods that employ inadequate inspection and overreliance on a single product or application method. Clearly, the time has come for a smarter solution for controlling German cockroaches.

## The Solution

The BASF Complete Cockroach Control Guide is based on the latest research and an IPM approach along with cutting edge products and strategies to overcome bait aversion, chemical resistance and other control issues. Combine baits with non-repellents for an effective combination program.

## The Products

- **Alpine**® cockroach gel bait rotation 1 and 2 reservoirs for an attractive and reliable gel bait rotation system
- **Avert**® **DF** dry flowable cockroach bait reaches void areas that gels can't reach
- **PT**® **P.I.**® pressurized contact insecticide for flushing and contact action
- **PT Phantom**® **II** pressurized insecticide and **Phantom** termiticide-insecticide for long-lasting control and resistance management
- **PT Alpine** pressurized insecticide
- **Alpine WSG** water soluble granule insecticide for non-repellent control and resistance management as part of a rotation program with products containing active ingredients with different modes of action
- **PT Pro-Control**® **Formula Plus** total release pressurized insecticide can be used in food-handling areas and treats up to 5,000 cubic feet

**For more information see**
**BASF Complete Cockroach Control**

# OCCASIONAL INVADERS

## The Problem

Many PMPs offer comprehensive, general pest control programs that are serviced monthly, bi-monthly or quarterly, primarily from structure exteriors where most pest problems originate. The "occasional invaders" behind these problems include millipedes, centipedes, silverfish, crickets, beetles, spiders, wasps, and many other pests. Factor in regional pests like cluster flies, scorpions, and fire ants, and it's clear that occasional invaders hold significant business and revenue potential. Of course, without the right combination of products and treatment approaches required to deal with all of these pests, that revenue potential may never be fully realized. That's where the BASF occasional invaders control solution comes in.

## The Solution

The BASF occasional invaders control solution provides PMPs with a comprehensive toolbox of products that make optimum use of both technician time and superior control materials. It gives you the flexibility to control a broad spectrum of pests with a simple process incorporating IPM treatments for active conditions, a well thought out preventive strategy, and the scheduling and efficiency advantages of perimeter-based service.

## The Products

- **Fendona® CS** controlled release insecticide and **MotherEarth** granular scatter bait[1] hold up in harsh environments and offer residual control of a broad range of frequently encountered pests
- **Alpine® D** dust insecticide for treatments in voids
- Check out **Alpine WSG** water soluble granule insecticide for brown marmorated stink bugs and kudzu bugs
- **PT® Fendona** pressurized insecticide and **PT Wasp-Freeze® II wasp & hornet** insecticide
- Fast-acting **Ridesco™ WG** insecticide

[1]2007, S. Sims and L. Reed, Whitmire Micro-Gen Research Labs, MO

# FLIES

## The Problem

Flies in and around commercial food areas annoy customers and prompt the assumption of unsanitary conditions. Flies in poultry and livestock operations reduce weight gain and productivity of animals, compromise biosecurity and serve as vectors for Salmonella, *E. coli, Cryptosporiduim*, Listeria and more.

The common misconception that fly control can be accomplished easily by installing an Insect Light Trap has created a tendency to overlook the importance of a comprehensive fly control program.

Effective, long-term fly control requires an integrated approach that includes identifying threats, locating breeding sites and access points, and employing the right environmental, procedural, mechanical, and chemical tactics.

## The Solution

The BASF fly control solution is designed to help you create a comprehensive, on-going fly control program that addresses flies at their source and provides immediate relief from adult flies. The remedial actions and preventive components of this two-pronged fly management program help your customers better understand and appreciate the value of the service you are providing.

## The Products

- **PT Alpine** pressurized fly bait is a ready-to-use fly bait spray with quick knockdown
- **Alpine WSG** water soluble granule insecticide is non-repellent and labeled for surface applications and broadcast treatments; indoors and outdoors
- **Bio-5 drain cleaner** by BASF biological action breaks down organic matter where flies breed
- **960 fruit fly monitor** attracts and captures pesky fruit flies and aids in monitoring population levels
- **PT 565 Plus XLO** pressurized contact insecticide and **PT P.I.** pressurized contact insecticide for food-handling areas
- Fast-acting **Ridesco WG** insecticide is also labeled for food-handling areas and interiors and is an effective perimeter treatment for filth flies
- **PT Fendona** pressurized insecticide offers quick knockdown and pinpoint accuracy

# TERMITES

## The Problem

Termites hold a unique position in the world of professional pest control. Every year, they cause over $5 billion worth of property damage in the United States. Without the efforts of PMPs, of course, that number would be much higher. Given these stakes, termites give virtually every homeowner a compelling reason to use professional pest control services, both curatively or preventively.

## The Solution

The BASF Total Termite Control protocol is designed to help you profit from offering termite prevention and control solutions with virtually any customer, construction type, and challenging situation you encounter. This protocol will introduce you to the products, application methods, and strategies that will help you continue to succeed and grow your termite business for many years to come.

## The Products

- **Termidor® HP II** termiticide for use with the **Termidor HP** high precision injection system
- **Termidor HE** high-efficiency termiticide reduces treatment time 50% vs. conventional applications
- BASF termite monitoring and active bait systems
  - **Trelona® ATBS** annual bait stations
  - **Advance®** termite bait system
- **Termidor Foam** termiticide/insecticide as a ready-to-use foam treatment for harborages, galleries and voids
- **Termidor SC** termiticide/insecticide offers long residual, non-repellent control
- **Phantom®** termiticide-insecticide offers highly effective, long-residual control

## Contact

Pressurized contact insecticides enhance inspections with excellent flushing action and knockdown. Their non-residual nature even makes them great choices for everyday use within sensitive accounts, including commercial kitchens. BASF is proud to have assembled one of the most effective and popular collections of pressurized contact insecticides.

### PT® 565 Plus XLO

System III Compatible

Pressurized Contact Insecticide

A.I. 0.5% Pyrethrins, 1% PBO, 1% MGK-264
*Packaged 12 x 20 oz.*

- Excellent for use during inspections
- Registered for use in food handling areas

### PT P.I.®

System III Compatible

Pressurized Contact Insecticide

A.I. 0.5% Pyrethrins, 4% PBO
*Packaged 12 x 18 oz.*

- Fast drying formulation
- Excellent for space treatment
- Registered for use in food handling areas

## Non-Repellent

Non-Repellent insecticides are undetectable to pests (do not scatter or disperse them throughout an account) and are excellent choices to use in conjunction with baits as they do not affect palatability. Excellent for use in rotation for resistance management, these non-repellents are staples in the fight against a broad range of pests.

### PT Alpine®

System III Compatible

Pressurized Insecticide

A.I. 0.5% Dinotefuran
*Packaged 12 x 17.5 oz.*

- Reduced risk active ingredient*
- Registered for use in food handling areas
- A great rotational partner in a non-repellent program

*The active ingredient dinotefuran has been granted Reduced Risk status for use in public health and food handling areas by the EPA.

### PT Phantom® II

System III Compatible

Pressurized Insecticide

A.I. 0.5% Chlorfenapyr
*Packaged 12 x 17.5 oz.*

- Non-repellent aerosol with broad spectrum control including bed bugs, ants and cockroaches
- Registered for use in food handling areas

# Repellent

These insecticides include trusted, go-to products effective on a wide range of pests in a long list of locations, and they're simple to use and easy to apply. With multiple formulations and active ingredients to choose from, you're sure to find the right solution for every job.

## PT® Fendona®

Pressurized Insecticide

**System III Compatible**

A.I. 0.05% Alpha-Cypermethrin
*Packaged 12 x 17.5 oz.*

- Perfect combination of quick knockdown of key pests and residual for house flies and bed bugs
- Pinpoint accuracy
- Registered for use in food handling areas

Restricted use in CT and NY

## PT Microcare® CS

Pressurized Insecticide

A.I. 0.5% Pyrethrins, 2.5% PBO
*Packaged 12 x 20 oz.*

- Flexibility of a ready-to-use insecticide
- Capsule suspension extends active life of natural pyrethrum
- Pinpoint accuracy
- Registered for use in food handling areas

## PT 221L

Pressurized Insecticide

**System III Compatible**

A.I. 0.05% Lambda-Cyhalothrin
*Packaged 12 x 17.5 oz.*

- Effective against common household and commercial pests including ants, bed bugs, scorpions, spiders, ticks and cockroaches
- Pinpoint accuracy
- Very economical

Restricted use in CT and NY

## System III®

**Work Smarter with PT + System III Applicator**

The BASF aerosol lineup works even more effectively and efficiently when paired with the **System III** applicator. The System III applicator is designed to make pest management professionals even better at what they do with precise, easy-to-deliver applications of compatible PT Brand products into the most hard-to-reach areas. Plus, its modern look elevates the professional image of PMPs while the state-of-the-art design increases the practicality and profitability of compatible PT pressurized insecticides.

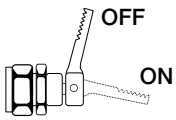
To learn more about the System III applicator and all of the available PT brands, **visit pestcontrol.basf.us.**

The System III applicator is designed exclusively for BASF pressurized products labeled "For use with the System III". BASF makes no claims regarding the use of the System III with other aerosol products.

## System III Maintenance And Repair

**If System III Will Not Spray**

1. The shut-off valve handle (11) may be in the OFF position
   - Move the shut-off valve handle to the ON position




2. The pressurized can may be empty
   - Replace empty can with full one
3. The white valve stem (3) in the gun may be clogged
   - Replace the stem spring gasket (3) with new components found in every case of System III compatible products
   - Tighten the gun cap (2), ensuring the gun clip (4) is pushed down into a seated position not to interfere with the gun cap seal

**If Leak Occurs**

1. If there is a leak in the hose…
   - Remove the spring guard (8) from the nut and ferrule (7) by sliding it along the hose
   - Remove the nut and ferrule (7) from the female compression fitting and swivel (6, 9)
   - Cut the hose (14) above the hole
   - Place new nut and ferrule at hose end
   - Re-attach the spring and fitting
   - Re-assemble the System III and test
2. If leaking occurs at the actuator or stem gasket…
   - If actuator (1) leaks, first replace actuator.
   - If actuator (1) still leaks, be sure it is seated securely on the white valve stem (3)
   - If white valve stem (3) leaks after use, it may be necessary to re-seat the stem to force the stem gasket (3) to flex differently
   - Turn the white valve stem (3) 1⁄4 to 1⁄2 turn to reseat
   - Tighten the gun cap (2), ensuring the gun clip (4) is pushed down into a seated position not to interfere with the gun cap seal
   - If leaking still occurs, replace stem spring gasket assembly (3)
3. If there is a leak at the gun cap…
   - Check to make sure the gun clip (4) is positioned properly
   - Push the gun clip (4) down into a better-seated position so that it does not interfere with the gun cap seal
   - Continue to put pressure on the gun clip (4), holding it in place while you tighten the gun cap (2)

**Preventative Maintenance Tips:**

1. Replace stem / spring / gasket assembly weekly (3)
2. Purge pressure from hose after each account service (11)
3. Replace actuator cap (1) weekly
4. Store with valve in off position
5. Avoid damage to unit by storing securely in vehicle

1. Actuator Cap
2. Gun Cap
3. Stem / Spring / Gasket Assembly
4. Gun Clip
5. Gun Body
6. Swivel
7. Nut & Ferrule for Compression Fitting
8. Spring Guard
9. Female Compression Fitting
10. Shut-off Valve
11. Shut-off Valve Handle
12. Double Ring Adapter
13. Squeeze Can Clamp
14. Hose

| System III Pressurized Products | Void Injector Sec/Oz | Void Injector Sec/Can | Applied with System III Sec/Oz | Applied with System III Sec/Can | Applied with System III Additional Seconds | Size | Signal Word | Food Handling | EPA Reg. # |
|---|---|---|---|---|---|---|---|---|---|
| **PT® 221L** Pressurized Insecticide | 20 | 350 | 28 | 481 | 37% | 17.5 oz. | C | Yes | 499-473 |
| **PT 565 Plus XLO** Pressurized Contact Insecticide | 17 | 340 | 28 | 567 | 67% | 20 oz. | C | Yes | 499-290 |
| **PT Alpine®** Pressurized Insecticide | 17 | 340 | 28 | 567 | 67% | 17.5 oz. | C | Yes | 499-531 |
| **PT Fendona®** Pressurized Insecticide | 15 | 266 | 30 | 518 | 51% | 17.5 oz. | C | Yes | 499-569 |
| **PT P.I.®** Pressurized Contact Insecticide | 25 | 450 | 36 | 659 | 46% | 18 oz. | C | Yes | 499-444 |
| **PT Phantom® II** Pressurized Insecticide | 20 | 350 | 28 | 481 | 37% | 17.5 oz. | C | Yes | 499-548 |

C = Caution

# Specialty

Many pest infestations are best controlled using highly specialized product formulations intended for specific situations. As a leader in product formulation technology, BASF provides the professional pest management industry with a wide variety of innovative specialty tools so you always have the solution you need.

## PT® Alpine®

Pressurized Fly Bait

A.I. 1% Dinotefuran
*Packaged 6 x 16 oz.*

- Ready-to-use fly bait spray
- Quick knockdown
- Versatile label directions include residential, commercial, and event uses
- Proven attractancy for up to 30 days

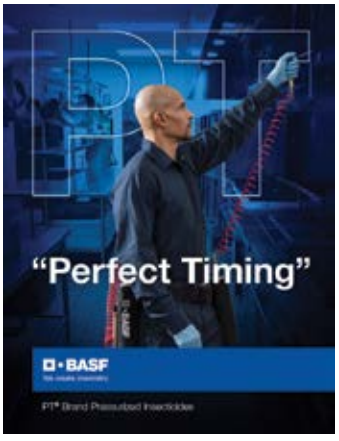
## PT Alpine Flea & Bed Bug

Pressurized Insecticide

A.I. 0.25% Dinotefuran, 0.10% Pyriproxyfen, 0.05% Prallethrin
*Packaged 12 x 20 oz.*

- Kills adult fleas for up to 30 days
- Reduced risk active ingredient*
- Label includes bed bugs and ticks

*The active ingredient dinotefuran has been granted Reduced Risk status for use in public health and food handling areas by the EPA.




**For more information see BASF PT Brand Pressurized Portfolio brochure**

## PT Alpine Foam

Ready-to-Use Insecticide

A.I. 0.025% Dinotefuran
*Packaged 20 oz.*

- Reduced risk active ingredient*
- Non-repellent foam for termites and ants
- Rapidly expands generating a dry foam; 1 ounce produces approximately 1 quart of foam
- Highly effective on ants known for interior infestation as well as foraging carpenter ants

*The active ingredient dinotefuran has been granted Reduced Risk status for use in public health and food handling areas by the EPA.

## PT® Ultracide®
Pressurized Flea Insecticide

A.I. 0.05% Pyrethrins, 0.4% Permethrin, 0.1% Pyriproxyfen, 0.4% MGK-264
*Packaged 12 x 20 oz.*

- No mixing, ready-to-use
- Prevents re-infestation of fleas for up to seven months
- Low odor formulation
- Treats over 2,600 square feet

## PT Wasp-Freeze® II
Wasp & Hornet Insecticide

A.I. 0.1% Prallethrin
*Packaged 12 x 17.5 oz.*

- Kills wasp and hornets on contact
- Jet spray kills from 15 feet away

## PT Tri-Die®
Pressurized Dust Insecticide

A.I. 0.6% Pyrethrins, 8% Amorphous Silica, 4.8% PBO
*Packaged 12 x 8 oz.*

- Convenient ready-to-use, pressurized insecticide dust
- Approved for use in food handling establishments

Restricted use in CT and NY

## PT Clear Zone® III
Metered Pyrethrin Spray

A.I. 1% Pyrethrins, 5% PBO
*Packaged 6 x 6.25 oz.*

- Repellency of flying insects
- 6,000 cubic feet coverage
- Fits most battery operated metered dispensing devices

## PT Pro-Control®
Formula 2 Total Release Pressurized Insecticide

A.I. 0.5% Pyrethrins, 4% PBO
*Packaged 6 x 6 oz.*

- Versatile contact insecticide
- Labeled for use in commercial food handling areas and restaurants/animal housing
- Great choice for treatment of: cockroaches, flies, stored product pests, spiders, ticks, wasps

Ants are among the leading culprits driving homeowner callbacks. BASF offers the **Advance**® line of targeted ant baits which eliminates even the most challenging ant species through its multiple attractants, delivery methods and active ingredients.

## Advance 360A Dual Choice
Ant Bait Stations

A.I. 0.011% Abamectin
*Packaged 18 pk/box, 4 boxes/cs.*

- Professional ant bait station with two food choices to appeal to multiple ants
- Works well on Pharaoh and a variety of nuisance ants
- Contains a protein blend and carbohydrate/oil blend in separate compartments
- Labeled for indoor and outdoor

## Advance 375A
Granular Ant Bait

A.I. 0.011% Abamectin
*Packaged 8 oz., 2 lbs.*

- Contains a mix of grit sizes to take on many species of pest ants
- Universal ant bait formula
- Labeled for indoor and outdoor

## Advance
Granular Carpenter Ant Bait

A.I. 0.011% Abamectin
*Packaged 8 oz., 2 lbs.*

- Large grit size with proprietary blend of attractants
- Best choice for many difficult to control ants
- Labeled for indoor and outdoor

## Siesta®
Insecticide Fire Ant Bait

A.I. 0.063% metaflumizone
*Packaged 15 lbs. and 25 lbs.*

- Large economical 25 lb. bag
- Delivers fast and long-lasting control of native and imported fire ants
- Once ingested, **Siesta** causes feeding and stinging cessation within 24 hours, increased levels of immobility, and death within 72 hours*
- Workers take the bait back to the colony which is then digested and shared with the queen(s) leading to the elimination of the colony.

*2006, J. Cook, Sam Houston State Univ., TX

## MotherEarth
Granular Scatter Bait

A.I. 5% Boric Acid
*Packaged 4 lbs., 40 lbs.*

- For preventive and curative treatment of ants, cockroaches and other occasional invaders
- Formulated to provide long-lasting efficacy
- Labeled for indoor and outdoor use

Cockroaches can be tough to control. Chemical resistance, behavioral aversion, poor housekeeping and other issues all play a part. Baits are often the best solution. Placed in cracks, crevices and voids, they reach roaches where they live and breed. BASF offers a wide range of cockroach baits to meet your cockroach control needs.

## Alpine®

Cockroach Gel Bait Rotation 1 & 2 Reservoirs

A.I. 0.5% Dinotefuran
*Packaged 30 g. reservoirs*

- Reduced risk active ingredient*
- Attractive: Both bait matrices appeal to gel-bait-averse and non-gel-bait-averse cockroaches
- Fast-acting: Both baits contain the active ingredient, dinotefuran, which begins killing cockroaches within minutes after exposure to bait
- Reliable: This rotation system guarantees different food ingredients in each formulation
- For optimal aversion management, rotate these formulations every six months and use the BASF Complete Cockroach Control Protocol

* The active ingredient dinotefuran has been granted Reduced Risk status for use in public health and food handling areas by the EPA.

## Avert® DF

Dry Flowable Cockroach Bait

A.I. 0.05% Abamectin
*Packaged 30 g. tubes*

- Reaches void areas gels often can't reach
- Kills roaches where they live and breed
- Remains effective for more than 22 weeks after initial treatment
- No-aversion formulation

## Selontra®
Rodent Bait

A.I. 0.075% Cholecalciferol
*Packaged 8-lb. pail*

- Kills anticoagulant-resistant rodents
- Stop-feed action of the active ingredient cholecalciferol means rodents only eat the lethal dose[1]
- Low risk of secondary poisoning to non-target birds and mammals[2]

[1] Prescott, C.V., El-Amin, Vusa, and Smith, R.H. Calciferols and Bait Shyness in the Laboratory Rat. Proceedings of the Fifteenth Vertebrate Pest Conference 1992. Paper 64.

[2] Erickson, W.; Urban, D. Potential Risks of Nine Rodenticides to Birds and Nontarget Mammals: a Comparative Approach. U.S Environmental Protection Agency; Office of Prevention,Pesticides, and Toxic Substances; Office of Pesticide Programs; U.S. Government Printing Office: Washington, DC, 2004.

Long-lasting protection from pests is best achieved with dust formulations. In some cases, voids treated with dusts do not require additional applications until the dust is removed. BASF offers a wide range of dust products including repellent and non-repellent products and bulk or pressurized delivery.

## Alpine® D
Dust Insecticide

A.I. 0.25% Dinotefuran, 95% Diatomaceous Earth
*Packaged 3 lbs.*

- Reduced risk active ingredient*
- Non-repellent dust for ants, bed bugs and stinging insects
- Broad use label for inside and outside including food handling areas
- Doesn't excite stinging insects

* The active ingredient dinotefuran has been granted Reduced Risk status for use in public health and food handling areas by the EPA.

## Tri-Die®
Silica & Pyrethrin Dust

A.I. 1% Pyrethrins, 40% Amorphous Silica, 10% PBO
*Packaged 5 lbs.*

- Naturally derived repellent dust with contact kill
- Very stable formulation
- Creates an environment unsuitable for, and repellent to, insects

Restricted use in NY.

## PT® Tri-Die
Pressurized Dust Insecticide

A.I. 0.6% Pyrethrins, 8% Amorphous Silica, 4.8% PBO
*Packaged 12 x 8 oz.*

- Fast-acting residual insecticide dust
- Very repellent
- Easy and convenient application of a dust

Restricted use in CT and NY.

**SmartCap** technology is designed to increase field performance, durability and flexibility, while reducing exposure for PMPs. The end result is a long-lasting microcapsule that contains a powerful A.I. within a polymer outer shell.

## Fendona® CS
Controlled Release Insecticide

3.0% alpha-Cypermethrin
*Packaged 16 oz., 120 oz., 30 gal. drum*

- Kills pests fast and is highly effective for months on key labeled pests
- Labeled for more than 60 arthropod pests
- Great for mosquitoes, spiders and scorpions

## PermaCap® CS
Controlled Release Insecticide

A.I. 23% Permethrin
*Packaged 120 oz.*

- Excellent for use in residential accounts
- 30-60 day residual control for lower pest pressure situations*

Restricted use in CT and NY.
*2006, A. Appel, Auburn University, AL

Go beyond with **Ridesco™ WG** insecticide. The newest innovation combines two active ingredients — alpha-cypermethrin, a powerful pyrethroid, plus dinotefuran, a unique neonicotinoid. Together, the combination delivers rapid results and powerful performance against a wide range of key pests.

## Ridesco WG

Insecticide

*A.I. 20% Dinotefuran and 10% Alpha-Cypermethrin*
*Packaged 190 g., 475 g.*

- New dry dilutable, dual mode of action formulation is an excellent choice for perimeter treatments, including landscapes, lawns and ornamentals; indoors and food-handling facilities
- Two trusted AIs in one convenient treatment that are effective against American cockroaches, ants, house flies, bed bugs and other pests. Fast-acting and performs well under even the harshest conditions against many hard-to-manage pests
- Great for product rotation and insecticide resistance management
- Easy-to-mix, with a convenient built-in measuring cap

Before using, be sure Ridesco is registered in the state where it will be used. Check any special state requirements for the use of neonictinoids.

**Termidor**® termiticide/insecticide, **Phantom**® termiticide-insecticide and **Alpine**® **WSG** water soluble granule insecticide are an unbeatable line-up of products that are undetectable to insects that solve tough pest problems inside and out. **Termidor SC** termiticide/insecticide has long demonstrated its genuine transfer effect technology which has made it the number one choice for controlling ants from the exterior of structures. **Alpine WSG** water soluble granule insecticide's broad list of pests and use sites brings powerful non-repellent pest control inside, outside, and off-structure. **Phantom** termiticide-insecticide controls pests from indoor areas including commercial kitchens with powerful chlorfenapyr, known for its long-lasting efficacy and different mode of action.

## Termidor SC
Termiticide/Insecticide

*A.I. 9.1% Fipronil*
*Packaged 20 oz., 78 oz., 2.5 gal.*

- The industry's leading insecticide
- Controls pests in multiple ways for superior efficacy: either through direct contact or by foraging or trailing over treated surfaces.
- Labeled for ants, spiders, cockroaches and a broad range of other frequently encountered general pests

## Phantom
Termiticide-Insecticide

A.I. 21.45% Chlorfenapyr
*Packaged 21 oz., 75 oz.*

- Highly effective, long-residual non-repellent control
- Broad spectrum control of: ants, roaches, bed bugs, beetles, centipedes, flies, scorpions, wasps, and more
- Labeled for spot and **Crack & Crevice**® applications inside and on outside entry points (doors, windows, eaves, etc.)

## Alpine WSG
Water Soluble Granule Insecticide

A.I. 40% Dinotefuran
*Packaged 10 g., 200 g., 500 g.*

- Label includes surface applications and broadcast treatments, indoor and outdoor treatments, all with no outdoor reapplication interval limitations
- Non-repellent, non-pyrethroid formulation
- Very effective on ants, bed bugs, German cockroaches, and occasional invaders such as brown marmorated stink bugs and kudzu bugs
- Approved for use in food handling establishments

Restricted in CT.

Monitors help you identify and document potential problems. Cleaners help you improve sanitation to better serve your customers. BASF offers a variety of non-insecticide solutions as well.

## Nutra-Sol
Tank Cleaner

*Packaged 12 x 2 lbs.*

- Preferred spray tank & equipment cleaner
- Ensures that all working parts — including tanks, pumps, hoses, filters, valves and nozzles — finish clean at the end of the work day
- Removes residues when switching between repellent and non-repellent formulations

## Instant Soap 'n Water®
Foaming Cleanser

*Packaged 12 x 9 oz.*

- Contains natural soaps
- Foaming cleanser for hands and surfaces
- Smells great
- Hundreds of uses
- Can be used after every application at job site

## Allure® MD
Mating Disruption System for Stored Product Moths

A.I. 93% Z-9, E-12 Tetradecadien-1-yl acetate
*Packaged 5 dispensers/pouch, 5 pouches/cs.*

- Controls stored product moths through mating disruption with pheromone technology
- Reduces cleanup and shutdown costs associated with traditional treatments
- Continual preventive control strategy
- Great for sensitive accounts

## PT® 4 Allure
Stored Product Moth Kit

*Packaged 24 traps, 24 lures/cs.*

- Attracts and traps stored product moths by means of controlled released pheromone
- Excellent evaluation tool to determine the effectiveness of insecticide applications
- Can be placed throughout food processing plants, food warehouses and in other food processing facilities where moth infestations are suspected
- Can also be used in kitchens and pantries of homes to detect and trap stored product moths

## Bio-5 Drain Cleaner by BASF

*Packaged 12 x 1 qt.*

- Multipurpose biological drain cleaner
- Removes decaying organic matter associated with drains. Reduces fly breeding sources in drains.
- Improves drain flow, eliminates odors, reduces pest food sources & breeding sites

## 960 Fruit Fly Monitor

*Packaged 12 traps/box, 4 boxes/cs.*

- Ready-to-use trap designed to attract *Drosophila*
- This versatile trap has a patented food grade attractant that readily attracts several species of *Drosophila* including *melanogaster, repleta* and *hydei*
- Trap capture is further enhanced by the orange-colored plastic with a specially selected chemical composition
- Engineered with 10-hole venting lid to optimize *Drosophila* exposure to the vapors emitted from the liquid attractant
- The lid is removable for easy monitoring and identification of catch

**Termidor**® termiticide/insecticide is a revolutionary non-repellent that has consistently proven itself to be one of the most recognized and effective termite control products. Since its introduction in 2000, pest management professionals have made **Termidor** termiticide/insecticide America's #1 termite defense product.

**Termidor** termiticide/insecticide eliminates termites by both ingestion and contact with genuine transfer effect. Termites can acquire a lethal dose by just contacting other nest-mates that have been exposed to the product. The result is 100% control in 3 months or less. **Termidor** termiticide/insecticide is a non-repellent insecticide that is undetectable to termites. Termites freely forage through treated areas, unknowingly ingesting, picking up and transferring the product within the population. **Termidor** termiticide/insecticide's genuine transfer effect helps deliver devastating results to termites while protecting the structure.

## Termidor® HP
## High Precision Injection System

## Termidor® HP II
High Precision Termiticide

A.I. 8.73% Fipronil
*Packaged 1 gal.*

- For use with the **Termidor HP** High-Precision Injection System
- Revolutionary termiticide application that allows for little to no drilling of foundation adjacent hard surfaces, like patios, slabs, etc
- Mixes **Termidor HP II** termiticide at the point of injection
- Injects **Termidor HP II** termiticide creating a uniform hydraulic trenching zone
- Digital computer control assures accurate application
- Long residual, non-repellent control enhanced with genuine transfer effect technology
- The same efficacy you have come to trust from **Termidor** termiticide/insecticide products

**Termidor HP** is not labeled for termite use in NY.

## Termidor® HE
High-Efficiency Termiticide

A.I. 8.73% Fipronil
*Packaged 79 oz., 2.5 gal.*

- Breakthrough molecular technology allows for 50% shallower treatment depths, 33% fewer drill holes, and 77% smaller trenches
- 100% control in three months or less
- Every treatment is protected by the strength of **Termidor** termiticide, trusted for years of proven performance
- Long residual, non-repellent control enhanced with genuine transfer effect technology

**Termidor HE** is not labeled for termite use in NY.

## Termidor® SC
Termiticide/Insecticide

A.I. 9.1% Fipronil
*Packaged 20 oz., 78 oz., 2.5 gal.*

- 100% control in three months or less
- Formulated as a water-based suspension concentrate
- The industry standard for termite control
- Long residual, non-repellent control enhanced with genuine transfer effect technology

**Termidor SC** is not labeled for termite use in NY.

## Termidor® 80 WG
Termiticide/Insecticide

A.I. 80% Fipronil
*Packaged 4 WSB/packet, 6 packets/pail*

- Formulated as a dry water dispersible granule packaged in water soluble bags (WSB)
- Provides effective prevention and control of subterranean, drywood and dampwood termites as well as other wood destroying pests such as carpenter ants, beetles and borers
- Long residual, non-repellent control enhanced with the transfer effect technology
- Each pail makes 600 gallons of finished dilution

**Termidor 80 WG** is not registered for use in CA or NY

## Termidor® Foam
Termiticide/Insecticide

A.I. 0.005% Fipronil
*Packaged 6 x 20 oz.*

- The same great efficacy you have come to expect from **Termidor** termiticide/insecticide products in a ready-to-use foam formulation
- Works great on ants and termites
- Expansion ratio - 30:1
- Unique formulation has thicker, stronger cell walls that last up to six times longer than other foams

## Phantom®
Termiticide-Insecticide

A.I. 21.45% Chlorfenapyr
*Packaged 21 oz., 75 oz.*

- Highly effective, long-residual, non-repellent termite control
- Approved for termite control in NY
- Provides outstanding results on ants, bed bugs and cockroaches

The success of any termite baiting program depends on the ability of termites to locate the station. With its larger station size and design, BASF's termite baiting system is proven to promote faster discovery, faster consumption, and faster colony elimination* that provides peace of mind for you and your customers.

*Not statistically significant at p<0.05; Statistically significant at p<0.10. Data from 2012 University of Delaware, Graduate Research Dissertation.

## **Trelona**®

Compressed Termite Bait

0.5% Novaluron
*Packaged 6 cartridges/pack, 8 packs/cs.*

- Fast termite elimination and less bait needed*
- 124 grams compressed Puri-Cell bait matrix
- Label with flexible inspection intervals

*Versus diflubenzuron

## **Trelona ATBS** Annual Bait Stations

The ultimate station design, efficacy, and flexibility in termite baiting

**Case Contains:** 16 stations pre-loaded with **Trelona** compressed termite bait

## **Advance**® Termite Bait Stations

The premier termite monitoring system trusted by PMPs

**Case Contains:** 10 stations pre-loaded with termite monitoring base and termite inspection cartridge

- Optimal station design features increased bait-to-soil contact to deliver fast hits. Low-profile station housing is unobtrusive
- PMPs own the equipment and customer accounts providing ultimate flexibility
- Trelona ATBS annual bait stations offer active protection and the convenience of an annual inspection
- Trelona compressed termite bait is added to the Advance termite bait stations when termite activity is detected

## Advance®
Termite Monitoring Base (TMB)

*Packaged: 100 TMBs/cs.*

- Preferred wood with horizontal grooves that allow easy termite access
- Designed for maximum wood-to-soil contact
- Contains 63 grams of wood
- Functions as the aggregation point, where termites enter the TIC

## Advance
Termite Inspection Cartridge (TIC)

*Packaged: 25 cartridges/bag, 4 bags/cs.*

- Used during monitoring phase
- Contains 93 grams of compressed **Puri-Cell**® bait matrix without active ingredient
- Termites will quickly move from the TMB to the TIC because the bait matrix is preferred over wood

## Advance
Concrete Bait Station

*Packaged: 18 stations/cs.*

- Installs easily into cored holes
- Fits industry standard portal cap
- Comes pre-loaded with TMB and TIC

## The Spider
Station Access Tool

*Packaged: 10 tools/cs.*

- Durable and designed to easily open and close the ATBS Station, making a technician's job more productive

Pest Management Professionals from Pest Tech Hawaii install Trelona®
ATBS Annual Bait Stations at the historic Iolani Palace in Honolulu, HI.

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NC 27709
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pestcontrol.basf.us

Always read and follow label directions.

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BASF
We create chemistry