

 <b>U S ENVIRONMENTAL PROTECTION AGENCY</b> Office of Pesticide Programs Registration Division (7504P) 1200 Pennsylvania Ave N W Washington D C 20460 0001  <b>NOTICE OF PESTICIDE</b> <u>  X  </u> Registration <u>      </u> Reregistration (under FIFRA as amended)	<b>EPA Reg Number</b>  <b>432-1526</b>	<b>Date of Issuance</b>  <b>SEP 19 2012</b>
	<b>Term of Issuance</b>  <b>Unconditional</b>	
	<b>Name of Pesticide Product</b>  <b>BES0570 Insecticide</b>	
<b>Name and Address of Registrant (include ZIP Code)</b>  Bayer Environmental Science 2 T W Alexander Drive Research Triangle Park, NC 27709-2014		
<b>Note:</b> Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.		
<p>On the basis of information furnished by the registrant the above named pesticide is hereby registered/reregistered under the Federal Insecticide Fungicide and Rodenticide Act</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment the Administrator on his motion may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is unconditionally registered in accordance with section 3(c)(5) of FIFRA provided that you</p> <ol style="list-style-type: none"><li>1 Submit and/or cite all data required for registration of your product under section 3(c)(5) of FIFRA when the Agency requires all registrants of similar products to submit such data and submit acceptable responses required for reregistration of your product under section 4 of FIFRA</li></ol>		
(continued on page 2)		
<b>Signature of Approving Official</b>  Refer to Page #5  Richard J Gebken Product Manager (10) Insecticide Branch Registration Division (7504P)	<b>Date</b>  <b>SEP 19 2012</b>	

EPA Form 8570 6

2 Make the following change(s) to the subject label

- a Change the product registration number to EPA Reg No 432-1526
- b Make the following label revisions

General Comment(s)

- 1 Delete all text throughout the label marked with ~~strickthrough~~
- 2 Within the **Product Facts** subsection on page 2 of 16 you must revise the 1<sup>st</sup> bulleted statement to read Contains pyrethrins a botanical insecticide that is derived from the *Chrysanthemum* flower

Efficacy Review comment(s)

- 3 Based upon review of the cited efficacy (product performance) data the efficacy claims on the proposed label are adequately supported and thus acceptable with the following comments
  - Within the **Dilution Rates** subsection on page 3 of 16 throughout the subject label you must
    - Revise all listings of 0.27% a.i. to read 0.24% a.i.
    - Revise all listings of 0.13% a.i. to read 0.12% a.i.
    - Revise all listings of 0.07% a.i. to read 0.06% a.i.
  - All of the pests proposed on the subject label are acceptable with the exception of centipedes Throughout the subject label you must delete all instances of the word centipedes

First Aid Statements section comment(s), middle of page 1 of 16

- 4 To facilitate inclusion of required label language from the acute toxicity review completed for the proposed product you must revise the 2<sup>nd</sup> and 3<sup>rd</sup> sentences within the **HOTLINE NUMBER** subsection to read 'For additional information on this pesticide product (including health concerns, medical emergencies, or pesticide concerns) you may call 1 800 334 7577 twenty four (24) hours per day seven (7) days per week

Precautionary Statements, Hazards to Humans and Domestic Animals subsection comment(s), bottom of page 1 of 16

- 5 To facilitate inclusion of required label language from the acute toxicity review completed for the proposed product, you must revise the 4<sup>th</sup> sentence to read Wash hands thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet

Precautionary Statements Personal Protective Equipment (PPE) subsection comment(s) top of page 2 of 16

- 6 To facilitate inclusion of required label language from RED for pyrethrins you must make the following changes within this subsection
  - Revise the 1<sup>st</sup> text grouping to read  
Mixers loaders applicators and other handlers must wear the following Long sleeved shirt, long pants chemical resistant gloves made of barrier laminate or viton (selection category G) and shoes and socks  
  
In addition to the above PPE applicators using hand held foggers in an enclosed area must wear a half face full face or hood style NIOSH approved respirator with a dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC 21C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC 14G) or a cartridge or canister with any N, R, P or HE filter
  - Revise the text within the existing text box to read

<p style="text-align: center;"><b>User Safety Recommendations</b></p> <p>Users should wash hands before eating drinking chewing gum using tobacco or using the toilet Users should remove clothing/PPE immediately if pesticide gets inside then wash thoroughly and put on clean clothing Users should remove PPE immediately after handling this product Wash the outside of gloves before removing As soon as possible wash thoroughly and change into dean clothing</p>
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- Insert the following new text grouping immediately following the revised "User Safety Recommendations" text grouping to read

**User Safety Requirements**

Follow manufacturer s instructions for cleaning/maintaining PPE If no such instructions for washables exist, use detergent and hot water Keep and wash PPE separately from other laundry

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product s concentrate Do not reuse them

Directions for Use, Use Restriction, subsection comment(s), top of page 4 of 16

- 7 To facilitate inclusion of required label language from the RED for pyrethrins you must insert the following new subsection immediately following the statement starting with **It is a violation of Federal law** to read as follows

**USE RESTRICTIONS**

- Do not contaminate food or feedstuffs
- This product is not for use in outdoor residential misting systems (indoor or outdoor) indoor metered release devices or indoor misting systems
- This product is not for direct application to companion animals (pets)
- Do not use in aircraft cabins
- Do not make applications during rain
- Do not apply this product as a space spray or fog
- Do not apply to furniture or upholstery where prolonged contact with humans will occur
- Do not allow excessive dripping or run off to occur when treating vertical or overhead surfaces
- Do not apply this product in conduits motor housings junction boxes switch boxes or other electrical equipment due to possibility of shock hazard
- Do not wet plants to the point of run off or drip
- Do not water the treated area to the point of run off or drip
- Do not apply to patient rooms in hospitals and nursing homes while they are occupied
- Do not apply in classrooms while they are occupied
- Do not wet articles to the point of run-off or drip Do not use treated article until spray has dried
- When treating overhead areas wear safety glasses goggles or face shield and a dust/mist respirator
- Do not apply this product in a way that will contact adults children or pets either directly or through drift Only protected handlers may be in the treated area during application
- When used as a surface spray Do not allow adults children or pets to enter the treated area until sprays have dried
- When used in food handling establishments Do not apply when food is present Do not use in food/feed areas of food handling establishments restaurants or other areas where food is commercially prepared or processed Do not use in serving areas while food is exposed or facility is in operation Serving areas are areas where prepared foods are served such as dining rooms but excluding areas where foods may be prepared or held In the home all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use Exposed food and drinking water should be covered or removed Do not apply more than 1 time per day
- When used in dairy barns or facilities Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects Remove or cover milking utensils before application Wash teats of animals before milking
- All residential outdoor applications must be limited to spot or crack and crevice treatments only except for the following permitted uses (1) Treatment to soil or vegetation around structures (2) Applications to lawns turf and other vegetation and (3) Applications to building foundations up to a maximum height of 3 feet Other than applications to building foundations all outdoor applications to impervious surfaces such as sidewalks driveways patios porches and structural surfaces (such as windows doors and eaves) are limited to spot and crack and crevice applications only
- Application of this product is prohibited directly into sewers or drains or to any area like a gutter where drainage to storm sewers water bodies or aquatic habitat can occur Do not allow the product to enter any drain during or after application
- Remove pets birds and cover fish aquariums before spraying

Directions for Use, Subsection-Specific comment(s)

- 8 To facilitate inclusion of required label language from the RED for pyrethrins, you must make the following changes within the following noted subsections

- Within the Pantry Pest Control subsection you must revise the subsection heading to read 'Pantry Pests' and replace the word control with the word kill
- Within the Carpet beetles subsection you must replace the word control with the word kill
- Within the Clothes moths subsection you must replace the word control with the word 'kill'
- Revise the Bed Bugs subsection to read Thoroughly inspect area of suspected bed bug infestation and note potential harborage sites or actual infestations Remove and/or pick up clothing and other obstacles that may prevent thorough inspection or treatment Remove and sanitize infested bedding (pillows and linens) clothing or other items

Apply on mattresses as a spot treatment to mattress seams edges and tufts of bed only Do not use directly on mattresses pillows bed linens or clothes Do not saturate the mattress and do not treat entire surface area of mattress Allow mattress to dry thoroughly before replacing pillows and/or bed linens

Bed bugs may also harbor in areas of the room away from the bed Apply as a crack & crevice or spot application where evidence of bed bugs occurs This includes bed frames box springs inside empty drawers and clothes closets night stands and other furniture in the room carpet edges high and low wall moldings (such as floor molding or window casings) wall voids behind wall hangings and mirrors wallpaper edges and popcorn ceilings Remove all clothes and other articles from dressers or closets before application Take bed apart Treat joints and channels if hollow such as square or round tubing and see that interior framework is treated Apply as a surface application to carpeting drapes and flooring Allow all treated areas to dry thoroughly before use

This product is not recommended for use as sole protection against bed bugs. If evidence of bed bugs is found in/on mattresses, use products approved for this use.

- Within the Fleas and Ticks subsection you must revise the 7<sup>th</sup> sentence to read: This product can also be applied outdoors to kill fleas and ticks (see directions in Outdoor/Perimeter Pests) and replace all remaining instances of the word control with the word kill.
- Within the Kennels, stables, barns, or other animal confinements subsection, you must revise the words For residual control of to read To kill.
- Within the 'OUTDOOR/PERIMETER PESTS' subsection you must replace the word control with the word kill.
- Within the 'APPLICATION FOR OUTDOOR/PERIMETER PESTS' subsection you must replace both instances of the word control with the word kill.
- Within the Spiders subsection, you must replace all instances of the word control with the word kill.
- Within the Rocky Mountain Spotted Fever subsection you must replace the word control with the word kill.

#### Storage and Disposal section comment(s), top of page 11 of 16

- 9 To facilitate inclusion of required label language from PR Notice 2007-4 and/or the Agency's Label Review Manual, you must make the following changes:
- Revise the **STORAGE** subsection heading to read **PESTICIDE STORAGE**.
  - Revise the 1<sup>st</sup> sentence within the renamed **PESTICIDE STORAGE** subsection to read: Keep this product in its tightly closed original container when not in use. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.
  - Within the **CONTAINER DISPOSAL** subsection for rigid, non-refillable containers less than 5 gallons, revise the 11<sup>th</sup> sentence to read: Then offer for recycling if available, or reconditioning if appropriate, or dispose of in a sanitary landfill or by other procedures approved by state and local authorities.
  - Within the **CONTAINER DISPOSAL** subsection for rigid, non-refillable containers greater than 5 gallons, revise the 12<sup>th</sup> sentence to read: Then offer for recycling if available, or reconditioning if appropriate, or dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

#### Optional Marketing Claims section comment(s), pages 14-16 of 16

- 10 To facilitate inclusion of required label language from the RED for pyrethrins and/or the efficacy review completed for the proposed product, you must make the following changes:
- Revise the 1<sup>st</sup> optional marketing claim to read: Contains pyrethrins, a botanical insecticide derived from the chrysanthemum flower.
  - Revise the 11<sup>th</sup> optional marketing claim to read: Control that lasts up to 28 days for Argentine ants, stable flies, and blow flies when applied at the 0.24% dilution.
  - Revise the 21<sup>st</sup> optional marketing claim to read: Controls cockroaches for 7 days when applied at the 0.24% dilution on non-porous surfaces.
  - Revise the 23<sup>rd</sup> optional marketing claim to read: Controls bed bugs for [28 days] [1 month] when applied at the 0.24% dilution.
  - Revise the 24<sup>th</sup> optional marketing claim to read: Controls black widow spiders for [28 days] [1 month] when applied at the 0.12% dilution.
  - Within the 42<sup>nd</sup>, 43<sup>rd</sup>, 44<sup>th</sup>, 45<sup>th</sup>, 46<sup>th</sup>, 61<sup>st</sup>, 62<sup>nd</sup>, 63<sup>rd</sup>, 64<sup>th</sup>, 65<sup>th</sup>, 66<sup>th</sup>, 67<sup>th</sup>, and 68<sup>th</sup> optional marketing claims, you must revise all listings of the 0.27% concentration to read 0.24% concentration.
  - Within the 47<sup>th</sup>, 48<sup>th</sup>, 49<sup>th</sup>, 50<sup>th</sup>, 51<sup>st</sup>, 69<sup>th</sup>, 70<sup>th</sup>, 71<sup>st</sup>, and 72<sup>nd</sup> optional marketing claims, you must revise all listings of 0.13% concentration to read 0.12% concentration.
  - Within the 52<sup>nd</sup>, 53<sup>rd</sup>, 54<sup>th</sup>, 55<sup>th</sup>, 56<sup>th</sup>, 73<sup>rd</sup>, 74<sup>th</sup>, and 75<sup>th</sup> optional marketing claims, you must revise all listings of 0.07% concentration to read 0.06% concentration.
  - Within the 61<sup>st</sup>, 62<sup>nd</sup>, 63<sup>rd</sup>, 66<sup>th</sup>, 69<sup>th</sup> optional marketing claims, you must insert the words (on non-porous surfaces) immediately following the word cockroaches.

#### Conditional Data Requirements

- 11 Within one (1) year from the date of this registration, Bayer Environmental Science must submit residual efficacy (product performance) data for bed bugs using pyrethroid-resistant bed bugs, such as Cooper-2 strain, CIN-1 strain, or the equivalent.

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- 12 Within one (1) year from the date of this registration Bayer Environmental Science must submit a One Year Storage Stability (830 6317) study and a Corrosion Characteristics (830 6320) study on this product in support of this registration Bayer Environmental Science must conduct these studies in commercial containers, and it is recommended that the observations be made at 0 6 9, and 12 month intervals
- 3 You must submit two (2) copies of the revised final printed labeling incorporating the above changes before releasing the product for shipment If these conditions are not complied with the registration will be subject to cancellation in accordance with section 6(e) of FIFRA Your release for shipment of the product bearing amended labeling constitutes accepting of these conditions

Copies of your label stamped Accepted with Comments as well as the acute toxicology, product chemistry and efficacy reviews completed for this product are enclosed for your records If you have any questions about this label review please contact Mr Carmen J Rodia Jr at (703) 306 0327 or via e mail at [Rodia.Carmen@epa.gov](mailto:Rodia.Carmen@epa.gov)

Sincerely yours



Richard J Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)

*Enclosures*

*Label Stamped Accepted with Comments  
Acute Toxicity Review dated August 14 2012  
Product Chemistry Review dated August 2 2012  
Efficacy Review dated September 17 2012*

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# BES0570 Insecticide

## ACTIVE INGREDIENT

\* Pyrethrins a botanical insecticide

6.0%

## OTHER INGREDIENTS

94.0%

## TOTAL

100.0%

\*Contains 0.5 lb Pyrethrins per gallon

EPA Reg No 432-XXXX

EPA Est No

Net Contents [ ] gal

## STOP - READ THE LABEL BEFORE USE KEEP OUT OF REACH OF CHILDREN CAUTION

**PRECAUCION AL CONSUMIDOR** Si usted no lee ingles no use este producto hasta que la etiqueta le haya sido explicada ampliamente

(TO THE USER If you cannot read English do not use this product until the label has been fully explained to you )

[Please refer to attached leaflet for complete directions for use and additional precautionary information ]

[Please see other panels for additional precautionary information ]

For **MEDICAL** and **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577

For **PRODUCT USE** Information Call 1-800-331-2867

## FIRST AID

IF IN EYES	• Hold eyes open and rinse slowly and gently with water for 15-20 minutes
	• Remove contact lenses if present after the first 5 minutes then continue rinsing
	• Call a poison control center or doctor for treatment advice
IF ON SKIN OR CLOTHING	• Take off contaminated clothing
	• Rinse skin immediately with plenty of water for 15-20 minutes
	• Call a poison control center or doctor for treatment advice

## HOT LINE NUMBER 1-800-331-2867 [Pyrethrins]

Have the product container or label with you when calling a poison control center or doctor or going for treatment You may also contact 1-800-334-7577 for emergency medical treatment information [In case of emergency call toll free the Bayer Environmental Science Emergency Response Telephone No 1-800-334-7577 ]

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**Caution** Causes moderate eye irritation Avoid contact with skin eyes or clothing Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet Wash all contaminated clothing with soap and hot water before reuse

ACCEPTED  
With COMMENTS  
In EPA Letter Dated

September 19, 2012

Under the Federal Insecticide, Fungicide  
and Rodenticide Act, As amended, for the  
pesticide Registered under EPA Reg No

432-1526



M-425555-01-1

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## Personal Protective Equipment (PPE)

Wear protective clothing when using or handling this product to help avoid exposure to eyes and skin. Eye protection gloves a long-sleeved shirt and long-pants are recommended

### User Safety Recommendations

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

## ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high watermark. Do not contaminate water when disposing of equipment wash-waters or rinsate.

## PHYSICAL & CHEMICAL HAZARDS

Do not apply this product around electrical equipment due to the possibility of shock hazard.

**NOTE** [Bracketed information is optional text.]

<b>Product Facts</b> <ul style="list-style-type: none"> <li>Contains pyrethrins, a naturally-occurring botanical insecticide found in chrysanthemum flowers</li> <li><del>A botanical insecticide without toxic synergist</del></li> <li>Kills by contact and through residual action</li> <li>Kills ants, bed bugs, carpenter bees, cockroaches, fleas, flies, hornets, pantry pests, spiders, ticks, and wasps</li> <li><del>Control that lasts for 28 days or longer after application</del></li> <li><del>Longer residual means fewer applications are required</del></li> </ul>	
<b>BES0570 Insecticide</b>	An emulsifiable concentrate formulation containing 0.5 pounds of pyrethrins per gallon. A highly versatile product designed for use both indoors and outdoors that will provide effective knockdown and residual control of the pests listed on this label. For residential, industrial and institutional control of major nuisance and public health pests listed on the label.
<b>Controls</b>	<ul style="list-style-type: none"> <li>Indoor: General Household Pests</li> <li>Outdoor: Perimeter Pests</li> </ul> <i>For list of specific insects, see inside.</i>
<b>Where to Apply</b>	<ul style="list-style-type: none"> <li>Apply where pests have been seen or found, or can find shelter</li> <li>In and around buildings and structures</li> <li>On established landscape ornamentals around residential and commercial properties</li> </ul>

<b>Dilution Rates</b>	<p>1 Dilute 5.2 fluid ounces (155 milliliter) of this product in one gallon of water for a finished spray concentration of 0.27% pyrethrins Use of the 5.2 fluid ounce (0.27% a.i.) rate for severe pest infestations or when longer residual control is desired</p> <p>2 Dilute 2.6 fluid ounces (77 milliliter) of this product in one gallon of water for a finished spray concentration of 0.13% pyrethrins Use of the 2.6 fluid ounce (0.13% a.i.) rate for initial service or clean out treatments</p> <p>3 Dilute 1.3 fluid ounces (39 milliliter) of this product in one gallon of water for a finished spray concentration of 0.07% pyrethrins Use of the 1.3 fluid ounce (0.07% a.i.) rate for maintenance treatments</p> <p>4 Dilute 0.65 fluid ounces (19 milliliter) of this product in one gallon of water for a finished spray concentration of 0.03% pyrethrins Use of the 0.65 fluid ounce (0.03% a.i.) rate for situations where effective knockdown of pests is more important than residual control</p>
<b>Mixing Information</b>	<p>Mix this product with water and apply with hand pressurized or power operated sprayers. Shake well before measuring concentrate for dilution in water.</p> <p>Mix the appropriate amount of this product with water and agitate or invert sprayer to insure proper mixing.</p> <p>If spraying is interrupted when using a back-pack or hand-held sprayer invert sprayer to re-suspend the dilution before starting to make applications. Diluted spray mixture can be stored overnight but agitate well before using.</p>
<b>Tank mixing with residual insecticide and insect growth regulators</b>	<p>This product cannot be tank-mixed with any product with label prohibitions against such mixing. When tank-mixing first dilute this product in water and then add other product(s) to the emulsion. A small volume mixing test with the other product(s) is recommended to ensure compatibility. Tank-mix applications must be made in accordance with the more restrictive of label limitations and precautions. No label dosages may be exceeded.</p>
<b>How to Apply</b>	<p>General surface applications: spot treatments, crack &amp; crevice sprays, or void injections (sprays or mists).</p> <p>Foliar application to established landscape ornamentals.</p>
<b>Re-Apply</b>	<p>Treatments may be applied at 7-day intervals <del>as necessary to maintain adequate control</del></p>
<b>Re-Entry</b>	<p>Avoid contact with treated surfaces until dry.</p> <p>People and pets may re-enter after the treated area is dry.</p>
<b>Questions</b>	<p>For questions or comments call toll free 1-800-331-2867</p>



## DIRECTIONS FOR USE

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

<b>INDOOR PESTS</b> Indoor applications to residential buildings and structures apply this product as a general surface spot treatment crack and crevice applications or void (spray or mist) injections This product can be used in schools factories stores warehouses hospitals food processing facilities (non-food/feed areas) and modes of transportation for a list of common facilities where this product may be used see Appendix				
Ants Blow flies Bed bugs Blue/green bottle flies Boxelder bugs Brown marmorated stink bugs Carpet beetles <del>Centipedes</del>	Clothes moths Cluster flies Cockroaches Crickets Darkling beetles Dermestids Earwigs Elm leaf beetles Face flies Firebrats	Flies Fruit flies Gnats Hide beetles Hornets House flies Kudzu bugs Leather beetles	Midges Millipedes Multi-colored Asian lady beetles Pantry pests beetles & moths Phorid flies	Sciarid flies (fungus gnats) Silverfish Spiders Wasps Yellowjackets
<b>Where to Apply</b>	Treat where pests have been seen or found or can find shelter Treat areas where pests normally feed or hide such as baseboards corners around water pipes behind and under refrigerators cabinets sinks and stoves This product can be applied to walls floors ceilings in and around cabinets between behind and beneath equipment and appliances around floor drains window and door frames and around plumbing sinks and other possible pest harborage sites Treat entry points around water pipes utility penetrations windows doors vents and eaves Void applications can be made behind veneers piers and chimney bases into rubble foundations into block voids and structural voids wall voids under slabs stoops porches or to the soil in crawlspaces and other similar voids Broadcast or spot treatments to floors floor coverings carpets or rugs for flea and tick control			
<b>Use Rates for Indoor Applications</b>	0.03% a.i. -- 0.65 fluid ounce (19 milliliters) of this product per gallon 0.07% a.i. -- 1.3 fluid ounce (39 milliliters) of this product per gallon 0.13% a.i. -- 2.6 fluid ounce (77 milliliters) of this product per gallon 0.27% a.i. -- 5.2 fluid ounce (155 milliliters) of this product per gallon			

<p><b>How to Apply (see Application for Indoor Pests)</b></p>	<p><u>General Surface Applications</u> Use a low pressure system (do not exceed 50 psi at nozzle tip) with a fan-type nozzle to uniformly apply treatments to ceiling floor or wall surfaces within structures where pests are found or may rest</p> <p><u>Spot Applications</u> Use a low pressure system (do not exceed 50 psi at nozzle tip) with a fan-type nozzle to uniformly apply spot treatments in and around cupboards and beneath between and behind equipment or appliances In the home all food processing surfaces and utensils should be covered before treatment or thoroughly washed following treatment Cover exposed food or remove from area being treated</p> <p><u>Spray or Mist Applications in Cracks and Crevices or Voids</u> Apply directly into cracks and crevice or voids where pests or their nests are present Apply the volume of spray or mist sufficient to cover the area</p> <p><u>Spray</u> Use a low pressure system (do not exceed 50 psi at nozzle tip) with a pin-point or variable pattern nozzle to apply the spray mixture to areas such as floors cracks and crevices in and around baseboards walls expansion joints areas around water and sewer pipes or utility penetrations and voids created by equipment and appliances</p> <p><u>Mist</u> Use appropriate mist generating equipment Do not allow mist to drift out of void spaces into commonly occupied areas of structure</p>
<p><b>When to Apply</b></p>	<p>When pests are seen or found Treatments may be applied at 7-day intervals, <del>as necessary for</del> <del>monitoring adequate control</del></p>
<p><del>Use Restrictions</del></p>	<p><del>Do not apply in food/food areas of food and food handling</del> <del>Do not apply in</del> <del>Remove or cover exposed food and drinking water before application</del> <del>Do not apply as a pre-spray</del> <del>Remove fish tanks, or tightly cover and disconnect aerators during application</del> <del>Keep people and pets away from sites of application until treated area has dried</del> <del>When treating overhead areas, wear safety glasses, goggles or face shield and a dust/mist respirator</del> <del>Do not use in aircraft cabins</del></p>
<p><b>APPLICATION FOR INDOOR PESTS</b></p>	
<p><del>General Pest Control</del> Cockroaches Ants Crickets Silverfish Firebrats <del>Centipedes</del> Millipedes Clothes Moths Earwigs and Spiders</p>	<p>Apply as a coarse low pressure (do not exceed 50 psi at nozzle tip) general surface application spot treatment or crack and crevice spray to areas that these pests normally inhabit Pay particular attention to dark corners of rooms and closets floor drains cracks and crevices in walls along and behind baseboards beneath and behind sinks stoves refrigerators and cabinets around plumbing and other utility installations doors windows and in attics and crawl spaces Spot applications may be made to floor surfaces along baseboards around air ducts and other harborage or pest entry sites Let surfaces dry before allowing children or pets to contact surfaces</p>
<p>Carpenter ants Pharaoh s ant and other nuisance ants</p>	<p>Apply to trails around doors and windows and other areas where ants inhabit or enter premises Locate and treat indoor ant nests if possible Follow trails of foraging worker ants and inspect for likely nest sites Spray into cracks &amp; crevices or spray or mist through small drilled holes into voids where ants or their nests are present Use enough spray to cover the area</p>
<p>Flying Insect Pests Flies Gnats Midges or Mosquitoes</p>	<p>Apply directly to walls ceilings window screens and other resting areas as a residual surface treatment May be used inside residential buildings as well as in and around carports garages storage sheds unoccupied barns stables or pet kennels</p>

Pantry Pest Control	To control adult and accessible immature stages of insects such as lesser grain borers grain weevils flour beetles saw-toothed grain beetles cigarette beetles merchant grain beetles Angoumois grain moths Mediterranean flour moths and Indian meal moths Make applications to cupboards shelving and storage areas Remove all foodstuffs all utensils shelf paper and other objects before spraying Allow all treated surfaces to dry before replacing foodstuffs utensils or other items Any foodstuff accidentally contaminated with any spray solution must be discarded
Carpet beetles (black furniture and varied) hide beetles or leather beetles	To control carpet beetles apply to infested areas at a rate of 1 gallon per 1 000 square feet Apply this product as a uniform coarse low-pressure (do not exceed 50 psi at nozzle tip) applications under the edge of carpets floor coverings and furniture as well as along baseboards in closets and to infested areas of shelving or storage areas
Clothes moths	To control clothes moths remove infested articles from storage brush them thoroughly and air-dry them in sunlight for several hours (or have the owner send them out to be professionally dry cleaned) Apply as a crack and crevice treatment to empty chests bureaus closets and other storage sites Do not return infested articles to storage until they have been cleaned or similarly disinfected
Bed Bugs	Spray bed bugs and eggs directly wherever possible following site directions below For infested mattresses remove linens and wash before reuse Apply to mattresses especially tufts folds and edges until moist Allow to dry before remaking bed Apply to bedsprings box springs and the interior of bed frames or headboards including all cracks and crevices When bed bugs are found in upholstered furniture apply to the infested tufts seams folds and edges but do not make broadcast applications to flat surfaces where prolonged human contact will occur If bugs heavily infest furniture (inside cushions and/or batting) apply a labeled insecticide dust or consider fumigation Apply as a spot treatment to visible clusters or aggregations of bed bugs on walls ceilings or wall/ceiling and floor/wall junctions Apply as a crack and crevice treatment to all baseboards moldings loose plaster or wall coverings beneath floor coverings and carpets closets shelves curtains curtain rods furniture (chest of drawers nightstands trunks etc ) and picture frames and other areas where bed bugs may harbor
Fleas and Ticks (including ticks that may transmit Lyme Disease and Rocky Mountain Spotted Fever)	For best results thoroughly vacuum infested areas prior to treatment These include all carpet upholstered furniture baseboards and other indoor areas frequented by pets The vacuum cleaner bag should be discarded in an outdoor trash container upon completion Infested pet bedding should be cleaned or replaced Apply this product as a uniform coarse low-pressure (do not exceed 50 psi at nozzle tip) spray and thoroughly treat infested areas such as pet bedding and resting quarters nearby cracks and crevices carpets rugs and similar floor coverings (including under their edges) between and under the cushions of upholstered furniture and other areas where the pests may be present If treating the entire surface of carpets or rug thoroughly treat the surface with a volume of 1 gallon of spray dilution per 1 000 square feet This product can also be applied out-of-doors for flea and tick control (see directions in Outdoor/Perimeter Pests) To control immature stages of fleas you can tank mix this product with an insect growth regulator labeled for flea control refer to tank mixing directions elsewhere in this label for more details

Kennels stables barns, <del>or other animal confinements</del>	For residual control of crawling and flying insects in and around these structures apply as a general surface and/or crack and crevice spray Optimal control results if facilities to be treated are clean and if the exterior perimeter is concurrently treated with this product Apply only to areas of facility where animals are not present Allow spray to dry before allowing re-entry of animals into treated areas Do not apply to animal feed or watering equipment Do not treat pets with this product			
Non-Food/Non-Feed Areas of Food/Feed Handling Establishments	Examples of non-food/non-feed areas include garbage rooms lavatories entries and vestibules offices locker rooms machine rooms boiler rooms mop closets and storage (after packaging canning or bottling) In such non-food/non-feed areas apply this product as a general surface application spot treatments crack & crevice sprays or void injections (sprays or mists) where labeled insects inhabit or may enter the facility			
<b>OUTDOOR/PERIMETER PESTS</b> Use this product to control outdoor pests by application as a perimeter treatment residual spray or broadcast application to exterior surfaces of buildings lawns grounds and ornamental plantings				
Ants Blow flies Blue or green bottle flies Boxelder bugs Brown marmorated stink bugs Carpenter ants Carpenter bees	<del>Centipedes</del> Cockroaches Cluster flies Clover mites Crickets Earwigs Elm leaf beetles Face flies Firebrats Fleas	Flesh flies Flies Gnats Ground beetles Hornets House flies Kudzu bugs Midges Millipedes	Mosquitoes Multi-colored Asian lady beetles Pill bugs Silverfish Sow bugs Spiders	Springtails Stable flies Ticks Wasps Yellowjackets
Where to Apply	Apply this product as a residual spray or as a perimeter treatment around residential and non-residential settings <ul style="list-style-type: none"><li>◦ <u>Residual Spray</u> Apply general surface or spot treatments to surfaces on building exteriors porches patios and other structures around doors and windows eaves and attic vents utility entry points soffit areas and other exterior openings (including foundation cracks or drilled holes) where pests enter the structure or where they have been seen or found or can find shelter</li><li>◦ <u>Perimeter Treatments</u> Treat the outside of the structure including walls around door and window frames and beneath eaves and soffits where pests are active or may enter or hide Treat the soil turf or other ground covering adjacent to the structure (in a band up to 10 feet wide) where pests are seen have been found or can find shelter</li></ul> In ant management programs apply to flower shrub or ornamental plant beds where ants may be nesting find food or forage			
<del>Application Restrictions</del>	<del>Do not water the treated area to the point of run-off.</del> <del>Do not make applications during rain.</del> <del>Not for use in outdoor residential cooling systems.</del> <del>Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drains during or after application.</del>			
Use Rates for Outdoor Applications	0.07% a.i. -- 1.3 fluid ounce (39 milliliters) of this product per gallon 0.13% a.i. -- 2.6 fluid ounce (77 milliliters) of this product per gallon 0.27% a.i. -- 5.2 fluid ounce (155 milliliters) of this product per gallon			

<b>How to Apply (see Application for Outdoor/ Perimeter Pests)</b>	<p>Apply as a coarse low-pressure (do not exceed 50 psi at nozzle tip) spray at the rate of 1.3 to 5.2 fluid ounces of this product per 1 000 square feet of surfaces. Apply in a sufficient volume of water to provide adequate coverage but do not allow run-off to occur.</p> <p><u>High volume applications using power sprayers</u> You must adjust the rate of product dilution to ensure the correct amount of the product (see Use Rate section above) is applied per 1 000 square feet of treated surface. The table below gives examples of end use dilutions for typical power spraying application volumes.</p> <p><b>DILUTION RATE CHART</b></p> <table><tr><th>Amount of Product fluid ounces (milliliter)</th><th>Application Volume gallons water</th><th>Concentration (% AI) in spray solution</th></tr><tr><td rowspan="5">2.6 (77)</td><td>1</td><td>0.13%</td></tr><tr><td>2</td><td>0.067%</td></tr><tr><td>3</td><td>0.044%</td></tr><tr><td>4</td><td>0.033%</td></tr><tr><td>5</td><td>0.027%</td></tr><tr><td rowspan="5">5.2 (155)</td><td>1</td><td>0.27%</td></tr><tr><td>2</td><td>0.13%</td></tr><tr><td>3</td><td>0.09%</td></tr><tr><td>4</td><td>0.067%</td></tr><tr><td>5</td><td>0.053%</td></tr></table>	Amount of Product fluid ounces (milliliter)	Application Volume gallons water	Concentration (% AI) in spray solution	2.6 (77)	1	0.13%	2	0.067%	3	0.044%	4	0.033%	5	0.027%	5.2 (155)	1	0.27%	2	0.13%	3	0.09%	4	0.067%	5	0.053%
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<b>When to Apply</b>	<p>Begin applications when pests are noticed.</p> <p>Treatments may be applied at 7-day intervals <del>as necessary to maintain adequate control.</del></p>																									
<b>APPLICATION FOR OUTDOOR/PERIMETER PESTS</b>																										
<p>Roaches, crickets, <del>centipedes</del>, millipedes, pill bugs, sow bugs, springtails and other crawling pests.</p>	<p>Apply as a residual spray and/or perimeter treatment around the infested structure as described above.</p> <p>For more difficult to control pests, such as large cockroaches, direct contact spray may be required for effective control.</p> <p>Thoroughly treat mulched areas. Correcting moisture problems around the structure will reduce pest pressure.</p>																									

<p>Carpenter ants and other nuisance ants</p>	<p>Locate and treat ant nests if possible. Follow trails of foraging worker ants and inspect for likely nest sites. If ants are nesting in soil, drench or inject the nest and surrounding soil.</p> <p>Homes and other structures: Apply around doors and windows and other places where ants may enter. Spray into cracks &amp; crevices or spray or mist through small drilled holes into voids where ants or their nests are present. Use enough spray to cover the area.</p> <p>Foliar applications to landscape ornamentals will kill aphids, scale insects, and other plant-sucking insects and limit the production of honeydew (an important food source for ant populations). Apply a light mist of the dilute spray and do not allow excess run-off. Treat thoroughly for good coverage, including the underside of leaves.</p> <p>It is recommended to remove or prune away any shrubbery, bushes, or tree branches touching the structure. Vegetation touching the structure may offer a route of entry for ants into the structure, allowing ants to avoid contact with the treatment.</p> <p>Exterior ant nests: Inside trees, utility poles, fencing and decking materials, and similar structural members, drill to find the interior infested cavity and inject spray or mist using a treatment tool with a backsplash guard.</p> <p>Tunneling in soil: Apply as a soil drench or inject the dilution in the soil at intervals of 8 to 12 inches. Use 1 gallon of dilution per 8 square feet. Treat along the edges of walls, driveways or other hard surfaces where ants are tunneling beneath the surface.</p>
<p>Spiders</p>	<p>Apply a low pressure (do not exceed 50 psi at nozzle tip) mist or spray directly to spiders and their webbing, and to surfaces where spiders are building webs, such as interior surfaces in garages, sheds, warehouses, or attics/basements/crawlspaces and to exterior surfaces of buildings, porches or patios.</p> <p>For more difficult to control pests, like cellar spiders, direct contact spray may be required for effective control.</p>
<p>Occasional/fall invading pests including boxelder bugs, elm leaf beetles, multi-colored Asian lady beetles, brown marmorated stink bugs, kudzu bugs</p>	<p>Apply directly to insects that have congregated around doors, windows and similar areas where they may enter the structure. Apply general surface and perimeter treatments as described above.</p> <p>Treat trees and shrubs infested with boxelder bugs, elm leaf beetles, stink bugs or other occasional invading species to further reduce the source of structural infestation.</p> <p>[Tree spraying may require ornamental license - check with your local regulator]</p>
<p>Flies: House flies, stable flies, cluster flies, and other flying pests</p>	<p>Apply low pressure (do not exceed 50 psi at nozzle tip) mist or spray to outside/interior surfaces of barns, buildings, fences, garages, porches, patios, sheds, stables, and other areas where flies rest.</p> <p>Cluster flies: Treat in late summer or fall, just before cluster flies begin looking for winter shelter. Spray siding, eaves, around windows and doors, and window screens. To help reduce infestations, treat cracks and crevices, attics and other indoor winter hiding places.</p>
<p>Fleas and Ticks (including ticks that may transmit Lyme Disease and</p>	<p>Apply as a coarse wet spray to areas where fleas and ticks are most likely to be found, such as dog houses, kennels, runways, along paths or trails, under plants, shrubs, bushes, trees, or other shaded, moist</p>

Rocky Mountain Spotted (Fever)	<p>areas where pests may be found</p> <p>Alternately for ticks apply using a mist blower or similar equipment to make applications to landscaped areas rural fields wood lots footpaths or walkways and along vegetation areas where ticks are resting or are questing for host animals Make thorough application to the vegetation on which ticks are resting / questing</p> <p>Fleas and ticks may still be re-introduced after treatment from surrounding areas by host animals <del>Repeat treatments as necessary to maintain control</del></p>
Mosquitoes	<p>Treat with spray or mist around landscape plants turf and ground cover under decks around building foundations and other places where mosquitoes may rest</p>
Hornets wasps and yellowjackets	<p>Make a pin stream application directly to hornet or yellow jacket nests To reduce sting threat make applications in the evening when the insects are inside the nest For paper wasps use a pin stream or fan spray and apply over surface of exposed nest</p> <p>Remove and destroy treated nests to prevent emergence of newly emerged adults If removal is not possible retreat nests as needed</p>
Carpenter bees	<p>Apply as a spray or mist directly into gallery entrance holes Leave entrance open to be sure that returning adult bees are killed When there is no longer any insect activity the entrance hole may be sealed with a suitable sealant</p> <p>Apply coarse spray to exterior wood surfaces where bees have been active or to temporarily prevent nest cavity excavation by adult carpenter bees Apply early in the spring to prevent bees from invading wood</p>

**STORAGE AND DISPOSAL**

Do not contaminate water food or feed by storage or disposal

**STORAGE**

Store in original container in a cool dry place inaccessible to children and pets  
 Avoid exposure to extreme temperatures In case of spill or leakage soak up  
 with an absorbent material such as sand sawdust earth fuller's earth etc  
 Dispose of with chemical waste

**PESTICIDE  
DISPOSAL**

Wastes resulting from the use of this product must be disposed of on site or at  
 an approved waste disposal facility

**CONTAINER  
DISPOSAL**

[Rigid Non-refillable containers small enough to shake (i.e. with capacities  
 equal to or less than 5 gallons) ]  
 Non-refillable container Do not reuse or refill this container Offer for recycling  
 if available Triple rinse or pressure rinse container (or equivalent) promptly after  
 emptying Triple rinse as follows Empty the remaining contents into application  
 equipment or a mix tank and drain for 10 seconds after the flow begins to drip  
 Fill the container 1/4 full with water and recap Shake for 10 seconds Pour  
 rinsate into application equipment or a mix tank or store rinsate for later use or  
 disposal Drain for 10 seconds after the flow begins to drip Repeat this  
 procedure two more times Then offer for recycling or reconditioning or puncture  
 and dispose of in a sanitary landfill or incineration or if allowed by State and  
 Local authorities by burning If burned stay out of smoke

[Rigid Non-refillable containers that are too large to shake (i.e. with capacities  
 greater than 5 gallons or 50 lbs)]  
 Non-refillable container Do not reuse or refill this container Offer for recycling  
 if available Triple rinse or pressure rinse container (or equivalent) promptly after  
 emptying Triple rinse as follows Empty the remaining contents into application  
 equipment or a mix tank Fill the container 1/4 full with water Replace and tighten  
 closures Tip container on its side and roll it back and forth ensuring at least  
 one complete revolution for 30 seconds Stand the container on its end and tip  
 it back and forth several times Empty the rinsate into application equipment or  
 a mix tank or store rinsate for later use or disposal Repeat this procedure two  
 more times Then offer for recycling or reconditioning or puncture and dispose  
 of in a sanitary landfill or incineration or if allowed by State and Local  
 authorities by burning If burned stay out of smoke

**APPENDIX**

**Use this product as a general surface, spot, mist, or crack and crevice treatment Permitted  
 areas of use include the following buildings, structures, and modes of transport**

Aircraft* (cargo holds only)	frozen food plants *	meat and produce canneries*
apartment buildings	grain mills*	mobile & motor homes
bakeries*	granaries*	nursing homes*
bottling facilities*	greenhouses (structures only)	offices
breweries*	hospitals*	pickle factories*
buses	hotels	poultry houses
cafeterias*	houses	processing and packing
candy plants*	industrial buildings	plants*
cereal processing and	kitchens*	restaurants*
manufacturing plants*	laboratories	schools*
correctional facilities	livestock housing	spice plants*
dairies and dairy product	pet kennels	stores
processing plants*	manufacturing establishments	warehouses
food manufacturing plants*	mausoleums	wineries and similar
food processing plants*	Meat poultry & egg processing	structures*
food service establishments*	& packaging plants*	transportation vessels such as
		buses trucks trailers rail
		cars and marine vessels



- ~~For indoor applications at these sites (\*), observe the following restrictions:~~
- ~~Do not apply in food/food areas of food and food handling establishments.~~
  - ~~Do not allow people or pets to contact treated areas until spray has dried.~~
  - ~~Do not apply in hospital and/or nursing home rooms while they are occupied.~~
  - ~~Do not apply in classrooms while they are occupied.~~
  - ~~Do not apply in aircraft cabins.~~
  - ~~Do not apply to furniture or upholstery where prolonged contact with humans will occur.~~
  - ~~Do not apply as a space spray.~~
  - ~~Do not allow excessive dripping or run-off to occur when treating vertical or overhead surfaces.~~
  - ~~Do not apply in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.~~

**IMPORTANT READ BEFORE USE**

Read the entire Directions for Use Conditions Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

- \* By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSOURCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSOURCE LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**LIMITATIONS OF LIABILITY** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSOURCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

Total Net Contents

**PRODUCED FOR**



**Bayer Environmental Science**

**A Division of Bayer CropScience LP  
2 T W Alexander Drive  
Research Triangle Park, NC 27709**

BES0570 Insecticide (PENDING) 02/23/12

## Marketing Claims

- Contains pyrethrins a naturally-occurring botanical insecticide found in chrysanthemum flowers
- ~~Contains the botanical insecticide pyrethrins, which is a natural active ingredient found in chrysanthemum flowers~~
- ~~Does not contain the synergist piperonyl butoxide~~
- ~~A botanical insecticide without toxic synergist~~
- ~~A "least toxic pesticide," as defined in the School Environment Protection Act~~
- ~~A unique formulation using a proprietary blend of ingredients for use with pyrethrins~~
- May be tank-mixed with residual insecticides and insect growth regulators
- Kills on contact
- Kills by residual action
- Kills by contact and through residual action
- Control that lasts up to 28 days
- Control that lasts for 28 days or longer
- ~~Longer residual means fewer applications are required~~
- ~~Reduces the number of applications necessary to maintain control~~
- ~~Maintains control with fewer applications~~
- Kills cockroaches ants flies and spiders
- Kills pantry pests
- Kills bed bugs fleas and ticks
- Kills carpenter bees wasps and hornets
- Kills black widow and brown recluse spiders
- Controls cockroaches for 7 days
- Controls ~~ants, flies and~~ fleas for [14 days] [2 weeks]
- Controls bed bugs for [28 days] [1 month]
- Controls black widow spiders for [28 days] [1 month]
- Kills most common household insect pests
- For Indoor and Outdoor Residential Use
- ~~Kills invading insects around basements, foundations and basements~~
- Kills the insects you see kills the ones you don't see
- Kills ants and cockroaches in seconds
- Kills a wide range of crawling flying and wood-infesting pests
- ~~Up to 1 month Indoor Insect Protection~~
- Non-Staining
- Guaranteed Satisfaction
- Kills most common pests including ants and cockroaches
- 100% Satisfaction Guaranteed
- ~~Use as outdoor barrier treatment keeps insects from entering your home~~
- ~~Continue killing insects up to 1 month indoors~~
- Keeps insects out of your home
- Kills insects around and inside your home
- Kills fast ~~date long~~
- This product kills insects for up to 1 month with a single application and can be applied around the home both indoors and outdoors ~~The naturally-derived active ingredient effectively kills listed insects~~
- Convenient and easy-to-use controlling insect pests in and around your home has never been easier

- [Immediate knockdown] [Knockdown within 15 seconds] and kill of brown-banded cockroach Pharaoh s ant red-imported fire ant Argentine ant house fly face fly stable fly sawtooth grain beetle and clothes moth following direct spray applications at the [5 2 fl oz per gallon dilution] [0 27% concentration]
- [Fast knockdown] [Knockdown within 1 minute] and kill of German cockroach brown-banded cockroach Pharaoh s ant red-imported fire ant Argentine ant house fly blow fly face fly flesh fly stable fly cigarette beetle clothes moth sawtooth grain beetle flour beetle grain weevil carpet beetle black widow spider and paper wasp following direct spray applications at the [5 2 fl oz per gallon dilution] [0 27% concentration]
- [Knockdown] [Knockdown within 5 minutes] and kill of German cockroach brown-banded cockroach Oriental cockroach Pharaoh s ant red-imported fire ant Argentine ant house fly blow fly face fly flesh fly stable fly cigarette beetle clothes moth sawtooth grain beetle flour beetle grain weevil carpet beetle cat flea bed bugs black widow spider brown recluse spider paper wasp and carpenter bees following direct spray applications at the [5 2 fl oz per gallon dilution] [0 27% concentration]
- [Knockdown] [Knockdown within 5 minutes] and kill of cockroaches ants flies and other [household] pests following direct spray applications at the [5 2 fl oz per gallon dilution] [0 27% concentration]
- [Knockdown] [Knockdown within 5 minutes] and kill of cat flea bed bugs spiders and wasps following direct spray applications at the [5 2 fl oz per gallon dilution] [0 27% concentration]
- [Immediate knockdown] [Knockdown within 15 seconds] and kill of brown-banded cockroach Pharaoh s ant red-imported fire ant Argentine ant house fly face fly stable fly sawtooth grain beetle and clothes moth following direct spray applications at the [2 6 fl oz per gallon dilution] [0 13% concentration]
- [Fast knockdown] [Knockdown within 1 minute] and kill of German cockroach brown-banded cockroach Pharaoh s ant red-imported fire ant Argentine ant house fly blow fly face fly flesh fly stable fly cigarette beetle clothes moth sawtooth grain beetle flour beetle grain weevil carpet beetle black widow spider and paper wasp following direct spray applications at the [2 6 fl oz per gallon dilution] [0 13% concentration]
- [Knockdown] [Knockdown within 5 minutes] and kill of German cockroach brown-banded cockroach ~~Oriental cockroach~~, Pharaoh s ant red-imported fire ant Argentine ant house fly blow fly face fly flesh fly stable fly cigarette beetle clothes moth sawtooth grain beetle flour beetle grain weevil carpet beetle cat flea bed bugs black widow spider brown recluse spider carpenter bees and paper wasp following direct spray applications at the [2 6 fl oz per gallon dilution] [0 13% concentration]
- [Knockdown] [Knockdown within 5 minutes] and kill of cockroaches, ants, ~~flies and other [household] pests~~ following direct spray applications at the [2 6 fl oz per gallon dilution] [0 13% concentration]
- [Knockdown] [Knockdown within 5 minutes] and kill of cat flea bed bugs spiders and wasps following direct spray applications at the [2 6 fl oz per gallon dilution] [0 13% concentration]
- [Immediate knockdown] [Knockdown within 15 seconds] and kill of brown-banded cockroach Pharaoh s ant red-imported fire ant Argentine ant house fly face fly stable fly sawtooth grain beetle and clothes moth following direct spray applications at the [1 3 fl oz per gallon dilution] [0 07% concentration]
- [Fast knockdown] [Knockdown within 1 minute] and kill of German cockroach brown-banded cockroach Pharaoh s ant red-imported fire ant Argentine ant house fly blow fly face fly flesh fly stable fly cigarette beetle clothes moth sawtooth grain beetle flour beetle grain weevil and paper wasp following direct spray applications at the [1 3 fl oz per gallon dilution] [0 07% concentration]
- [Knockdown] [Knockdown within 5 minutes] and kill of German cockroach brown-banded cockroach ~~Oriental cockroach~~, Pharaoh s ant red-imported fire ant Argentine ant house fly blow fly face fly flesh fly stable fly cigarette beetle clothes moth sawtooth grain beetle flour beetle grain weevil carpet beetle cat flea black widow spider brown recluse spider carpenter bees and paper wasp following direct spray applications at the [1 3 fl oz per gallon dilution] [0 07% concentration]
- [Knockdown] [Knockdown within 5 minutes] and kill of cockroaches, ~~ants, flies and other [household] pests~~ following direct spray applications at the [1 3 fl oz per gallon dilution] [0 07% concentration]
- [Knockdown] [Knockdown within 5 minutes] and kill of cat flea spiders and wasps following direct spray applications at the [1 3 fl oz per gallon dilution] [0 07% concentration]

- [Immediate knockdown] [Knockdown within 15 seconds] and kill of Pharaoh's ant red-imported fire ant Argentine ants house fly face fly stable fly and clothes moth following direct spray applications at the [0.65 fl oz per gallon dilution] [0.03% concentration]
- [Fast knockdown] [Knockdown within 1 minute] and kill of brown-banded cockroach ~~Oriental cockroach~~ Pharaoh's ant red-imported fire ant Argentine ants house fly face fly flesh fly stable fly cigarette beetle clothes moth and sawtooth grain beetle following direct spray applications at the [0.65 fl oz per gallon dilution] [0.03% concentration]
- [Knockdown] [Knockdown within 5 minutes] and kill of German cockroach brown-banded cockroach Oriental cockroach Pharaoh's ant red-imported fire ant Argentine ants house fly blow fly face fly flesh fly stable fly cigarette beetle clothes moth sawtooth grain beetle flour beetle grain weevil and carpet beetle following direct spray applications at the [0.65 fl oz per gallon dilution] [0.03% concentration]
- [Knockdown] [Knockdown within 5 minutes] and kill of cockroaches ~~ants, flies and other [household] pests~~ following direct spray applications at the [0.65 fl oz per gallon dilution] [0.03% concentration]
- Application of the [5.2 fl oz per gallon dilution] [0.27% concentration] will give effective residual control for 7 days against German brown-banded American & Oriental cockroaches carpenter Argentine & red-imported fire ants house stable & blow flies ~~cigarette beetle~~ carpet beetles cat fleas bed bugs and black widow spiders
- Application of the [5.2 fl oz per gallon dilution] [0.27% concentration] will give effective residual control for 7 days against cockroaches ~~ants, flies and other [household] pests~~
- Application of the [5.2 fl oz per gallon dilution] [0.27% concentration] will give effective residual control for 14 days against brown-banded cockroaches carpenter Argentine & red-imported fire ants house stable & blow flies cat fleas bed bugs and black widow spiders
- ~~Application of the [5.2 fl oz per gallon dilution] [0.27% concentration] will give effective residual control for 14 days against ants, flies and other [household] pests~~
- Application of the [5.2 fl oz per gallon dilution] [0.27% concentration] will give effective residual control for 14 days against cat fleas
- Application of the [5.2 fl oz per gallon dilution] [0.27% concentration] will give effective residual control for 28 days against brown-banded cockroaches carpenter & Argentine ants stable & blow flies bed bugs and black widow spiders
- Application of the [5.2 fl oz per gallon dilution] [0.27% concentration] to wood and fabric surfaces will give effective residual control for 28 days against bed bugs
- Application of the [5.2 fl oz per gallon dilution] [0.27% concentration] will give effective residual control for 28 days against black widow spiders
- Application of the [2.6 fl oz per gallon dilution] [0.13% concentration] will give effective residual control for 7 days against brown-banded cockroaches Argentine ants blow & stable flies carpet beetles bed bugs and black widow spiders
- Application of the [2.6 fl oz per gallon dilution] [0.13% concentration] will give effective residual control for 14 days against Argentine ants blow & stable flies bed bugs and black widow spiders
- Application of the [2.6 fl oz per gallon dilution] [0.13% concentration] to wood and fabric surfaces will give effective residual control for 14 days against bed bugs
- Application of the [2.6 fl oz per gallon dilution] [0.13% concentration] will give effective residual control for 28 days against Argentine ants and black widow spiders
- Application of the [1.3 fl oz per gallon dilution] [0.07% concentration] will give effective residual control for 7 days against Argentine ants blow & stable flies and carpet beetles
- Application of the [1.3 fl oz per gallon dilution] [0.07% concentration] will give effective residual control for 14 days against Argentine ants ~~and stable flies~~
- Application of the [1.3 fl oz per gallon dilution] [0.07% concentration] will give effective residual control for 28 days against Argentine ants