

11556-134

02/22/2007

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Mr. Douglas A. Spilker  
Bayer HealthCare LLC, Animal Health Division  
P.O. Box 390  
Shawnee Mission, KS 66201-0390

FEB 22 2007

Dear Mr. Gagliano:

Subject: Amendment- efficacy to add label claims (MRID 46978901 and MRID 46978902)  
K9 Advantix 10  
EPA Registration Number 11556-132  
K9 Advantix 20  
EPA Registration Number 11556-133  
K9 Advantix 100  
EPA Registration Number 11556-134  
K9 Advantix 55  
EPA Registration Number 11556-135  
Your submissions dated October 6, 2006

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following comments:

1. Please delete "Starts working/ repels before biting flies bite." The study counted blood-fed flies, not number of bites.
2. Please delete all "kills flies" claims. The data do not support these claims.

If you have any questions regarding this action, please contact Linda A. DeLuise of my team at (703) 305-5428.

A copy of the review is enclosed for your records.

A stamped copy of the labels are enclosed for your records.

Sincerely yours,

George T. LaRocca  
Product Manager (13)  
Insecticide Branch  
Registration Division (7505P)

Enclosure

Reason To Issue: Add biting flies claim.

Date: 10/03/06

Supersedes: 10/01/03

NOTE TO REVIEWER: [(Brackets and parentheses indicate alternate language)]

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

FEB 22 2007

(Front Panel of Outer Box)

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
EPA has determined that the use of  
this product is consistent with the  
pesticide laws.

K9 Advantix™ 100

11556-134

Topical prevention and treatment of ticks, fleas, biting flies, and mosquitoes for monthly use on dogs and puppies 7 weeks of age and older, weighing over 55 lbs.

### READ THE ENTIRE LABEL BEFORE EACH USE

For the Prevention and Treatment of Ticks, Fleas, Biting Flies, and Mosquitoes on Dogs

- Available only through licensed practicing veterinarians
- Repels and kills ticks including Deer ticks (vector of Lyme disease), American dog ticks (vector of Rocky Mountain spotted fever), Brown dog ticks (vector of ehrlichiosis), and Lone Star ticks for up to four weeks
- Kills 98-100% of the fleas on dogs within 12 hours and continues to prevent infestations for at least four weeks
- Kills and repels fleas before they lay eggs
- Larval flea stages in the dog's surroundings are killed following contact with a K9 Advantix™ treated dog
- Repels and kills mosquitoes for up to four weeks
- Remains effective after bathing and swimming
- [(Kills) (and) (repels)] biting flies
- Kills, repels, and inhibits blood-feeding by biting flies
- Kills, repels, and prevents blood-feeding by biting flies
- Kills [(annoying) (bothersome)(nuisance)] biting flies
- Repels [(annoying)(bothersome)(nuisance)] biting flies
- Inhibits [(annoying)(bothersome)(nuisance)] biting flies
- [(Prevents)(inhibits)] blood-feeding by biting flies
- [(Starts working)(Repels)] before [biting] flies bite
- [(Prevents blood-feeding by) (Kills and repels)] biting flies

Reason To Issue: Add biting flies claim.

Date: 10/03/06

Supersedes: 10/01/03

Active Ingredients	% By Weight
Imidacloprid; 1-[(6-Chloro-3-pyridinyl) methyl]-N-nitro-2-imidazolidinimine . . .	8.8%
Permethrin* . . . . .	44.0%
Inert Ingredients . . . . .	47.2%
Total . . . . .	100%
* cis/trans ratio: Max 55% (±) cis and min 45% (±) trans	

KEEP OUT OF REACH OF CHILDREN

WARNING

See below for first aid and precautionary statements.

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS

Causes eye irritation. Harmful if swallowed. Do not get in eyes or on clothing. Avoid contact with skin. Wash hands thoroughly with soap and warm water after handling.

HAZARDS TO DOMESTIC ANIMALS

**For external use on dogs only. Do not use on animals other than dogs.** Do not use on puppies under seven weeks of age. Do not get this product in dog's eyes or mouth. As with any product, consult your veterinarian before using this product on debilitated, aged, pregnant or nursing animals. Individual sensitivities, while rare, may occur after using ANY pesticide product for pets. If signs persist, or become more severe, consult a veterinarian immediately. If your animal is on medication, consult your veterinarian before using this or any other product.

**DO NOT USE ON CATS**



**Due to their unique physiology and inability to metabolize certain compounds, this product must not be used on cats. If applied to a cat, or ingested by a cat which actively grooms a recently treated dog, this product may have serious harmful effects. If this occurs contact your veterinarian immediately.**

For consumer questions call 1-800-255-6826. For medical emergencies call 1-877-258-2280.

Reason To Issue: Add biting flies claim.

Date: 10/03/06

Supersedes: 10/01/03

## ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not add directly to water. Do not contaminate water when disposing of product or packaging.

## FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**If in eyes:** Hold eye 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 eye. Call a poison control center or doctor for treatment advice.

**If swallowed:** Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**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.

**To Physician:** Treat the patient symptomatically.

Four 4.0 mL Tubes

EPA Est. 11556-DEU-1  
EPA Reg. No. 11556-134

Manufactured For  
Bayer Corporation  
Agriculture Division  
Animal Health  
Shawnee Mission, Kansas 66201 USA

Made in Germany

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Reason To Issue: Add biting flies claim.

Date: 10/03/06

Supersedes: 10/01/03

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(Back Panel of Outer Box)

## K9 Advantix™ 100

Topical prevention and treatment of ticks, fleas, biting flies, and mosquitoes  
for monthly use on dogs and puppies 7 weeks of age and older,  
weighing over 55 lbs.

- Repels and kills ticks including those that may transmit Lyme disease
- Kills 98-100% of fleas within 12 hours
- Repels and kills mosquitoes
- Repels and kills biting flies

DO NOT USE ON CATS

Four 4.0 mL Tubes

Reason To Issue: Add biting flies claim.

Date: 10/03/06

Supersedes: 10/01/03

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(Top Panel of Outer Box)

K9 ADVANTIX™ 100

DO NOT USE ON CATS

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(Side Panel of Outer Box)

- Available only through licensed practicing veterinarians
  - Convenient, easy to apply
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(Side Panel of Outer Box)

SEE PACKAGE INSERT FOR COMPLETE  
PRODUCT INFORMATION

- Repels and kills ticks
- Kills 98-100% of fleas within 12 hours
- Repels and kills mosquitoes
- Repels and kills biting flies

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Date: 10/03/06

Supersedes: 10/01/03

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(Package Insert)

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**KEEP OUT OF REACH OF CHILDREN****WARNING**

See below for first aid and precautionary statements.

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Causes eye irritation. Harmful if swallowed. Do not get in eyes or on clothing. Avoid contact with skin. Wash hands thoroughly with soap and warm water after handling.

**HAZARDS TO DOMESTIC ANIMALS**

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**Due to their unique physiology and inability to metabolize certain compounds, this product must not be used on cats. If applied to a cat, or ingested by a cat which actively grooms a recently treated dog, this product may have serious harmful effects. If this occurs contact your veterinarian immediately.**

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Date: 10/03/06

Supersedes: 10/01/03

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## ENVIRONMENTAL HAZARDS

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## FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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**If swallowed:** Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**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.

**To Physician:** Treat the patient symptomatically.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not contaminate feed or food.

## HOW TO APPLY

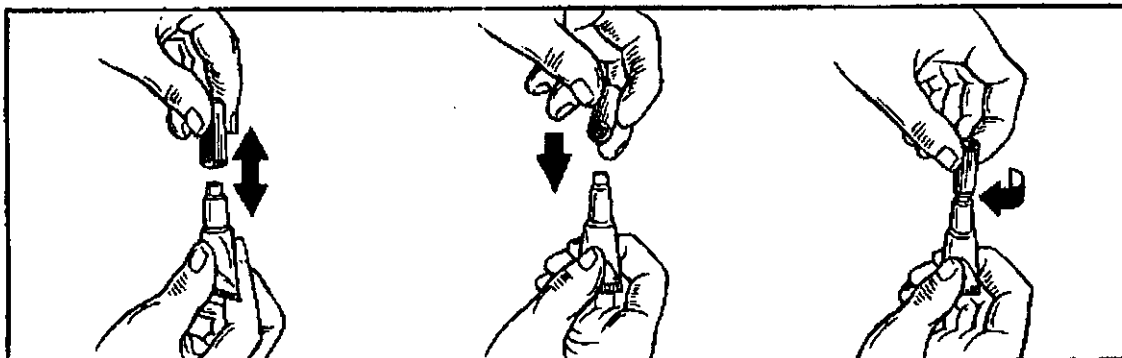
1. Use only on dogs. DO NOT USE ON CATS or on other animals.

Reason To Issue: Add biting flies claim.

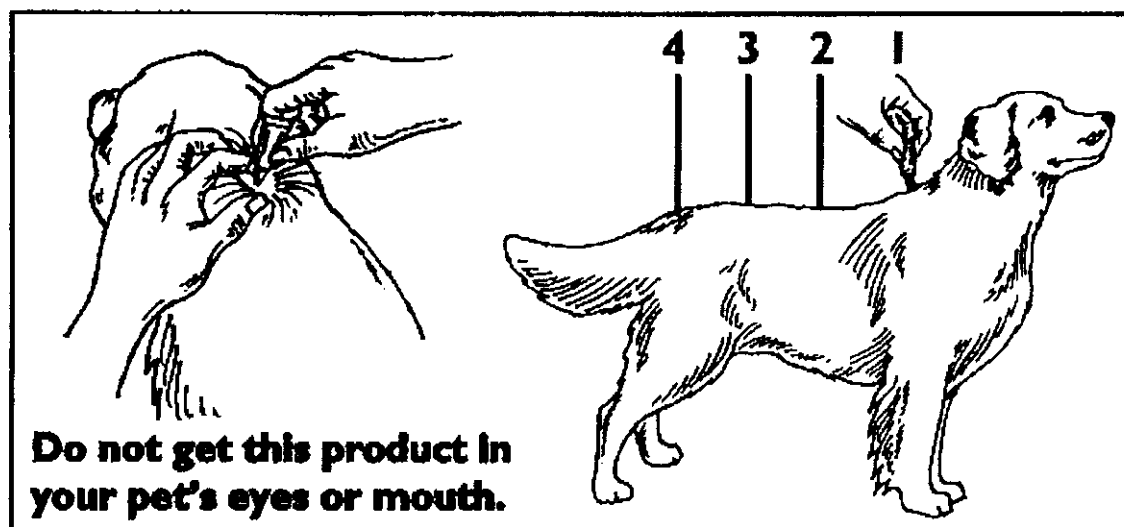
Date: 10/03/06

Supersedes: 10/01/03

2. Remove applicator tube from the package.



3. Hold applicator tube in an upright position. Pull cap off tube.
4. Turn the cap around and place other end of cap back on tube.
5. Twist cap to break seal, then remove cap from tube.
6. The dog should be standing for easy application. The entire contents of the K9 Advantix™ tube should be applied evenly to three or four spots on the top of the back from the shoulder to the base of the tail. At each spot, part the hair until the skin is visible. Place the tip of the tube on the skin and gently squeeze to expel a portion of the solution on the skin. Do not apply an excessive amount of solution at any one spot that could cause some of the solution to run off the side of the dog.



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Reason To Issue: Add biting flies claim.

Date: 10/03/06

Supersedes: 10/01/03

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7. Discard empty tube as described in Storage and Disposal.

The successive feeding activity of fleas on dogs may elicit a hypersensitivity skin disorder known as flea allergy dermatitis (FAD). Treatment of dogs with K9 Advantix™ rapidly kills fleas and may reduce the incidence of this condition.

K9 Advantix™ kills 98-100% of the existing fleas on dogs within 12 hours. Reinfesting fleas are killed within 2 hours with protection against further flea infestation lasting at least four (4) weeks. Pre-existing pupae in the environment may continue to emerge for six (6) weeks or longer depending upon the climatic conditions.

Larval flea stages in the dog's surroundings are killed following contact with a K9 Advantix™ treated dog.

K9 Advantix™ remains efficacious following a shampoo treatment, swimming or after exposure to rain or sunlight.

Monthly treatments are required for optimal control and prevention of fleas and ticks.

If re-treatment becomes necessary, do not re-treat more than once every week.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Storage:** Store in a cool, dry place. Protect from freezing. **Pesticide Disposal:** **If empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800-255-6826 for disposal instructions. Never place unused product down any indoor or outdoor drain.

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Reason To Issue: Add biting flies claim.

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Supersedes: 10/01/03

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#### LIMITED WARRANTY AND LIMITATION OF DAMAGES

Bayer Corporation, Agriculture Division, Animal Health warrants that this material conforms to the chemical description on the label. BAYER CORPORATION MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY, and no agent of Bayer Corporation is authorized to do so except in writing with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values, etc.

EPA Est. 11556-DEU-1

EPA Reg. No. 11556-134

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Reason To Issue: Add biting flies claim.

Date: 10/03/06

Supersedes: 10/01/03

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(Label on Individual Tube)

K9 Advantix™ 100

8.8% imidacloprid

44.0% permethrin

4.0 mL

EPA Reg. No. 11556-134

WARNING

Keep out of reach of children

DO NOT USE ON CATS

Read The Entire Label Before Use

BAYER

Lot No. 0000000