



**OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION**

WASHINGTON, D.C. 20460

January 9, 2026

Mr. Micah T. Reynolds  
Regulatory Consultant  
Happy Jack, Inc.  
P.O. Box 475  
Snow Hill, North Carolina 28580

Subject: Label Amendment - Registration Review Mitigation for Permethrin  
Product Name: H806 INSECTICIDE  
EPA Registration Number: 2781-52  
Application Date: 5/25/2021  
Case Number: 477806

Dear Micah T. Reynolds:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Permethrin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label

printing. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Samantha Carter by phone at 202-566-1179, or via email at [carter.samantha@epa.gov](mailto:carter.samantha@epa.gov).

Sincerely,

A handwritten signature in dark ink that reads "Marianne A. Walters". The signature is written in a cursive, flowing style.

Marianne Walters, Team Leader  
Risk Management and Implementation Branch 3  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

ENCLOSURE: Stamped label

**ACCEPTED**

1/9/2026

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 2781-52

[Front Panel]

[HAPPY JACK ICON]

## **H806 INSECTICIDE**

(Alternate Brand Name: **Kennel Dip II**)

A WATER BASE, SYNERGIZED, CONCENTRATE INSECTICIDE WITH UP TO 30 DAYS  
RESIDUAL EFFECTS

DO NOT USE ON CATS

For Use On Dogs And Their Premises  
To Kill Fleas, Mange Mites, and Ticks Including Deer Ticks

- Broad Spectrum Insecticide/Acaricide
- Synergized
- Quick Knockdown
- Water Based
- Shake Well Before Use

### ACTIVE INGREDIENTS:

\*Permethrin (CAS No.: 52645-53-1).....17.00%

\*Piperonyl Butoxide (CAS No.: 51-03-6).....4.25%

INERT INGREDIENTS.....78.75%

TOTAL 100.00%

\* Cis/trans ratio: Max. 65% (+/-) trans and min. 35% (+/-) cis. Contains 43.44 g permethrin and  
10.86 g piperonyl butoxide per 8 oz.

+ (butyl carbityl)(6-propylpiperonyl) ether and related compounds

**KEEP OUT OF REACH OF CHILDREN**

## **CAUTION**

See Side/Back Panel for Additional Precautionary Statements

**EPA Reg No.** 2781-52  
**EPA Est. No.** [50691-GA-1]

**Manufactured [by] [for]**  
HAPPY JACK Inc.  
PO BOX 475  
Snow Hill, NC 28580

NET WT. 8 oz [236 ml]  
Batch code:/Lot No.:

[Side/Back Panel]

### READ ENTIRE LABEL BEFORE EACH USE

FIRST AID	
<b>If swallowed</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to by a poison control center or doctor.</li><li>• Do not give anything to an unconscious person.</li></ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If in eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION. Hazards to Humans:** Causes moderate eye irritation. Harmful if swallowed or absorbed through the skin. Avoid contact with eyes, skin or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

Groomers or other persons applying the product frequently must wear waterproof gloves.

**Hazards to Domestic Animals:** For external use on Dogs only. **DO NOT USE ON CATS. Do not use on puppies under 12 weeks of age.** Consult a veterinarian before using this product on medicated, debilitated, aged, pregnant, or nursing animals. Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately. Certain medications can interact with pesticides. Consult a veterinarian before using on medicated dogs.

#### Precautions and Restrictions

- Do not apply this product in a way that will contact children, either directly or through drift. Except when applying to dogs, do not apply this product in a way that will contact adults or pets, either directly or through drift.
- Do not make application during rain.
- Not for use in outdoor residential misting systems.
- Do not wet articles to point of runoff or drip.
- Do not use treated article until spray has dried.

- Remove or cover exposed food and drinking water before application.
- Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.
- **DO NOT** water the treated area to the point of run-off.
- Not for broadcast use on indoor residential surfaces.

## ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This pesticide 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.

## DIRECTIONS FOR USE

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

Shake Well Before Use. Protect from Freezing. For both indoor and outdoor use. Application of product on pets must only be done indoors.

Add the required amount of concentrate to water and blend thoroughly. Do not hold dilutions for more than 24 hours.

Food utensils such as teaspoons and measuring cups must not be used for food purposes after use with pesticides.

**USE ONLY ON DOGS. DO NOT USE ON CATS.** Do not treat puppies under 12 weeks of age. Do not get this product in your dog's eyes or mouth. Retreat dogs as needed but not more than once every (two weeks) (14 days). Reapply to Premises as needed, but not more often than once every 14 days.

Mix the product and apply the use-diluted material to dogs and/or their premises at the rates shown. These dilutions and rates will provide most efficient pest control under conditions of heavy pressure (infestation) when good contact is achieved.

For use on Dogs to Control Fleas, Ticks (Including Deer Ticks, carrier of Lyme disease) Mange Mites, Lice and Stable Flies:

**Spray, Dip or Sponge on:** Mix 1 part concentrate in 256 parts water (1 fl. oz. in 2 gal. or 30 mL in 2 gal. or 8 fl. oz. in 16 gal.) Spray, dip or pour diluted product on the dog until the dog's hair and skin are thoroughly wet (saturated), making sure that dog's entire body is treated. Do

not treat dog's face. Let drip dry on dog and do not rinse off.

**Low Volume Spray:** Mix 1 part concentrate in 32 parts water (1 fl. oz. or 30 mL in 1 quart). Spray 1-2 fl. oz. per dog. Starting at the tail, stroke against the lay of the hair, spraying the parted hair with a fine mist directly behind the hand to insure penetrating the hair coat. Spray the entire dog until the hair coat is damp.

**(Note to Reviewer: The premise spray use pattern, when appearing on a commercial marketplace label, will accompany the additional regulatory language for outdoor applications and water protection when the label use pattern instructs making crack-and-crevice and spot treatments.)**

For use on Dog Premises to control Fleas and Ticks:

**Indoor Premise Spray:** Mix 1 to 2 parts concentrate in 80 parts water (8 oz. in 2.5 to 5 gal. or 1 pt. in 5 to 10 gal. or 48 mL to 96 mL in 1 gal.) Thoroughly spray infected areas, pet beds, resting quarters, nearby cracks and crevices, along baseboards, moldings, windows, and door frames, and localized area of floor and floor covering. Do not exceed 0.56 lbs ai per 1000 sq ft of treated area. Fresh bedding should be placed in animal quarters following treatment.

**Outdoor Premise Spray:** Mix 2 fl. oz. (60 mL) concentrate in 10.5 gal. water or 14 mL in 2.5 gal. water. Use enough finish spray to penetrate foliage, usually 50 – 100 gal. per acre (1 – 2 gal. per 1000 sq. ft.). To prevent infestation of buildings, treat a band of vegetation 6 – 10 feet adjacent to the structure.

Conversion Equivalents: 1 fl. oz. = 30 mL = 2 Tablespoons = 6 Teaspoons

**DO NOT** make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours). Rainfall within 24 hours of application may cause unintended runoff of pesticide application.

For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish ponds.

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- Applications to pervious surfaces such as soil, lawn, turf, and other vegetation;
- Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
- Application to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
- Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch;
- Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.) up to 2 feet above ground level;
- Applications to vertical surfaces directly above pervious surfaces, such as soil, lawn, turf, mulch or other vegetation, only if the pervious surface does not drain into ditches, storm drains, gutters or surface waters.

**Spot Treatments:** Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.)

**Crack and Crevice Treatments:** Treat surfaces to ensure thorough coverage but avoid runoff. To treat insects harbored in voids and cracks-and-crevices, applications must be made in such

a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

**Water Protection:**

- **DO NOT** spray the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- **DO NOT** allow the product to enter any drain during or after application.
- **DO NOT** apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.
- **DO NOT** apply or irrigate to the point of runoff.

### **STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in original container in a cool dry place inaccessible to children and pets. Protect from freezing.

**Pesticide and Container Disposal:** Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling, if available. **If partially filled:** Do not pour or dispose down-the-drain or sewer. Call your local solid waste Agency for local disposal options.

### **WARRANTY**

To the extent consistent with applicable law, Happy Jack, Inc. makes no warranty of merchantability, fitness for any particular purpose, or otherwise, expressed or implied concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label.