

2023-2463
2024-03-05

This label has been updated according to the re-evaluation decisions of Pyrethrins RVD2023-06 and Piperonyl Butoxide RVD2023-07. While users are encouraged to follow this updated label immediately, the previously approved label is valid until 03-02-2025 in accordance with the phase out period set out in the re-evaluation/special review decisions of Pyrethrins RVD2023-06 and Piperonyl Butoxide RVD2023-07. This previously approved label will be provided upon request by emailing hc.pmra.info-arla.sc@canada.ca. In your email please include the product name and Registration number of the label you are requesting.

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**KNOCK DOWN PRO 155 FARM, BARN,
AND LIVESTOCK
INSECT KILLER**

(0.1% Pyrethrin from Chrysanthemum Flower Pyrethrum)

For indoor use at BARNs, MILK ROOMS, DAIRY BARNs, BEEF BARNs, HORSE BARNs, HORSE STABLES, HOG BARNs, PIGGERIES, POULTRY HOUSES, INDOOR CONFINED FEED LOTS to (kill/control) Face flies, Horse flies, Stable flies, Horn flies, House flies, Mosquitos, Crickets, Ants, Cockroaches, Spiders, Wasps, Hornets. For use on beef and dairy cattle (lactating and nonlactating), swine and horses to (kill/control) Horn flies, Horse flies, House flies, Mosquitoes, Stable flies. For use on beef and dairy cattle (lactating and nonlactating) to (kill/control) blood sucking lice.

READY TO USE
LIQUID PUMP AND FOGGING SOLUTION SPRAY

AGRICULTURAL/COMMERCIAL

ACTIVE INGREDIENT:

PYRETHRIN	0.100%
PIPERONYL BUTOXIDE	1.00%

CAUTION: POISON

REG. NO. 32339 P.C.P. ACTNET

CONTENTS L
READ THE LABEL BEFORE USING KEEP OUT

OF REACH OF CHILDREN

KUUS INC. Value added Family products™.
450 TAPSCOTT RD UNIT 5-6
Toronto, ON M1B 1Y41-
800-267-0455

Proudly made in Canada

www.knockdownbugs.com, www.mosquitoshield.com
Manufacturers of Mosquito Shield Insect Repellents

OPTIONAL SYMBOLS & WORDS:

- Pyrethrin from Chrysanthemum Flower Pyrethrum
- Space Spray
- All angle 360 degree spray action
- Water based
- Botanical Insecticide "Pyrethrum"

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

First Aid:

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. **If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further 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 centre or doctor for treatment advice. **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 centre or doctor for treatment advice.

TOXICOLOGICAL INFORMATION: Treat symptomatically. This product contains petroleum distillate.

PRECAUTIONS

- KEEP OUT OF REACH OF CHILDREN. Wear mask or respirator when applying spray mist. Wear protective clothing. Harmful if swallowed, inhaled, or absorbed through the skin. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling and before eating and smoking. DO NOT breathe spray mist. If irritation appears discontinue usage. Wash contaminated clothing before reuse. DO NOT contaminate feed, food, or water. DO NOT apply directly to food, water or feed supplements. Contents toxic to fish and birds. Store in original container away from feed and food. Protect milk and milking utensils from the spray. Use only when milk room is NOT in operation. Cover or remove all milk and milking implements before spraying. After spraying, wash all surfaces that may contact milk and rinse thoroughly with potable water before resuming operations. Any treated surface that may contact food or feed products should be washed thoroughly with potable water after spraying or before re-use. Avoid contamination of aquatic systems during application. DO NOT contaminate these systems through direct application, disposal of waste or cleaning equipment. Wash teats of dairy animals before milking.
- If entering treated areas prior to venting or before 2 hour re-entry interval after application using a mechanically pressurized handheld sprayer for mists, aerosols, and fogs (droplet sizes 0.1-100 µm) (, handheld airblast/mistblower) or stationary fogger, and for application using a mechanically-pressurized handheld sprayer for mists, aerosols, and fogs, wear chemical-resistant coveralls with a chemical-resistant hood over long-sleeved shirt, long pants, chemical-resistant gloves, socks, chemical-resistant footwear and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter

approved for pesticides OR a NIOSH-approved canister approved for pesticides. For mixing and loading, and application using all other application equipment, wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair.

- DO NOT handle more than 26.7L of (undiluted) product per person, per day when using a mechanically pressurized handheld sprayer for mists, aerosols, and fogs (droplet size 0.1-100 µm) (or a handheld airblast/mistblower). These restrictions are in place to minimize exposure to individual applicators. Application may need to be performed over multiple days or using multiple applicators.

DIRECTIONS OF USE

- THIS SOLUTION IS A DUAL PURPOSE FORMULATION

FOR INDOOR USE AT THE FOLLOWING STRUCTURES: BARNs, MILK ROOMs, DAIRY BARNs, BEEF BARNs, HORSE BARNs, HORSE STABLEs, HOG BARNs, PIGGERIES, POULTRY HOUSEs, INDOOR CONFINED FEED LOTS

Within the specified use location, to enhance effectiveness of this product, apply directly to the listed pests where possible. Treatment must only be repeated after 7 days if pest problem persists or reoccurs. Good sanitary practices should be maintained to prevent re-infestation.

Use Limitations

- **DO NOT** apply when people, pets or livestock (with exception of poultry)} are present.
- **DO NOT** remain in treated areas after application.
- **DO NOT** allow people, pets or livestock: (with exception of poultry)} to enter treated areas until 2 hours. The commercial applicator is responsible for informing workers and others of this requirement.
- **DO NOT** apply when a food/feed processing facility or milk room is in operation. **DO NOT** apply in a milking parlour.
- **DO NOT** apply to surfaces that may come into contact with food/feed. Cover or remove all food/feed (including bulk tanks that contain milk). Cover all food/feed processing surfaces, equipment and utensils or thoroughly wash them following treatment. Any food/feed (including milk) accidentally contaminated with spray solution must be discarded.
- When applying to overhead areas or in confined spaces, wear appropriate respiratory and eye protection.
- Ventilate treated areas after application either by opening windows and doors or using fans, where required, to aid in the circulation of air. Air exchange/ventilation systems confirmed to be operational may also be used.

How to Apply

APPLY AS A SPACE SPRAY ONLY. Space application is a suspension of fine droplets (0.1 to 100 µm) in the air within an indoor space.

To (kill/control) Face flies, Horse flies, Stable flies, Horn flies, House flies, Mosquitos, Crickets, Ants, Cockroaches, Spiders, Wasps, Hornets: Before using as a space spray in structures with livestock, remove all livestock, with exception of poultry, from area to be treated. Close all windows and doors and shut off all ventilating systems and sources of ignition before treatment. Apply using (a space sprayer (fogger) such as Fogmaster or ULV equipment adjusted to deliver an extremely fine spray (droplets 15 to 25 µm in diameter) / an electric fogger or similar mist applicator / equipment capable of dispensing a very fine spray (droplets 61 to 100 µm in diameter) / a manual sprayer) at the rate of 200-300ML per 100 cubic metres. Direct the (fog / spray) upward to all parts of the room, especially ceiling, upper corners of the room, windows and other light sources, and not directly towards poultry.] When using handheld equipment, begin application at far side of the room and work backwards toward exit. Vacate the treated area and keep windows and doors closed for 15minutes before ventilating. For ventilation and re-entry requirements, see "Use Limitations" (above). (After the re-entry interval has passed, clean up dead insects.) (Spray only when temperature is under 32°C.) (For best performance, the spray solution should be in the

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pH range of 5.5 to 7.0.

FOR USE ON BEEF AND DAIRY CATTLE(LACTATING AND NONLACTATING), SWINE (LIVESTOCK) & HORSES

Use Limitations

- **DO NOT** exceed 30ml per animal per treatment.
- **DO NOT** treat eyes/eyelids and mucous membranes (e.g., nose, mouth, genitals).
- **DO NOT** use on sick animals or animals under drug or pesticide treatment. Before use on pregnant animals, consult a veterinarian.
- Discontinue use if animal develops irritation after treatment with this product.
- When applied to dairy cattle: Treat dairy cattle at least 20 minutes before milking. **DO NOT** spray directly on udders. Wash udders before milking.]
- When applied to horses: **DO NOT** cover horses immediately after treating/after treatment. **DO NOT** apply to back of horses prior to saddling.
- **DO NOT** contact treated animals until sprays have dried.

To treat listed livestock against Horn flies, Horse flies, House flies, Mosquitoes, Stable flies: Apply a light, uniform spray at the rate of 30ml per animal/ 15ml per animal in case of horses, taking care to treat back, withers and forelongs. Thoroughly coat the hair of the animal – **DO NOT** wet the skin. **DO NOT** apply as a spray to the face of the animal. To treat the face, moisten (not to the point of dripping) a clean, soft cloth with product and thoroughly rub the moistened cloth on the face of the animal, being certain to avoid contact with the eyes/eyelids and mucous membranes. During peak fly season, **DO NOT** apply more often than once per day. During non-peak fly season, **DO NOT** apply more often than once a week. Treatment must only be repeated if pest problem persists or reoccurs.

To control blood sucking lice on beef and dairy cattle: Apply a light, uniform spray at the rate of 30ml per animal to infested areas of the animal, except the face. Thoroughly coat the hair of the animal – **DO NOT** wet the skin. Use a stiff brush to get the spray down to the base of the hair. To treat the face, moisten (not to the point of dripping) a clean, soft cloth with product and thoroughly rub the moistened cloth on the face of the animal, being certain to avoid contact with the eyes/eyelids and mucous membranes. Treatment must only be repeated after 7 days if pest problem persists or reoccurs.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, KNOCK DOWN PRO 155 FARM, BARN, AND LIVESTOCK

INSECT KILLER contains a Group 3 insecticide. Any insect population may contain individuals naturally resistant to **KNOCK DOWN PRO 155 FARM, BARN, AND LIVESTOCK**

INSECT KILLER and other Group 3 insecticides. The resistant individuals may dominate the insect population if this group of insecticides is used repeatedly in the same locations. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed. To delay insecticide resistance:

- Where possible, rotate the use of KNOCK DOWN PRO 155 FARM, BARN, AND LIVESTOCK INSECT KILLER or other Group 3 insecticides with different groups that control the same pests in the location to be treated.
- Use tank mixtures with insecticides from a different group that is effective on the target pest when such use is permitted.
- Insecticide use should be based on an IPM program that includes scouting and record keeping, and considers cultural, biological and other chemical control practices.
- Monitor treated pest populations for resistance development.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.

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- For further information or to report suspected resistance contact {company representatives} at www.knockdownbugs.com

STORAGE: Store in a cool, dry place. Store this product away from food or feed.

DISPOSAL:

Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank. Follow provincial instructions for any required cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the empty container in accordance with provincial requirements. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.