

#### U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460

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**Date of Issuance:** 

**EPA Reg. Number:** 

01/03/2018

NOTICE	OF	PESTICIDE	₹:

X Registration Reregistration (under FIFRA, as amended) Term of Issuance: Conditional

Name of Pesticide Product: RF2260 Concentrate

Name and Address of Registrant (include ZIP Code):

Heather Friedli Central Garden & Pet Company 1501 E. Woodfield Road, Suite 200W Schaumburg, IL 60173

Note: 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.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

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.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/registration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:	Date:
Elbalal Falul	1/3/18
Elizabeth Fertich, Product Manager 04 IVB1, Registration Division (7505P)	

EPA Form 8570-6

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- 2. You are required to comply with the data requirements described in the DCI or EDSP Order identified below:
  - a. Pyrethrins GDCI-069001-1058
  - b. Pyrethrins GDCI-069001-1195
  - c. Pyrethrins GDCI-069001-1290
  - d. Pyrethrins PDCI-069001-26530
  - e. Piperonyl Butoxide GDCI-067501-1063
  - f. Piperonyl Butoxide EDSP-067501-100
  - g. Piperonyl Butoxide EDSP-067501-99
  - h. Piperonyl Butoxide EDSP-067501-96
  - i. Piperonyl Butoxide EDSP-067501-95

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI or EDSP Order listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1

- 3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
- 4. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 89459-96."
- 5. Submit one copy of the final printed label for the record before you release the product for shipment.

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.

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If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

• Basic CSF dated 02/27/2017

If you have any questions, please contact Helen Hull-Sanders by phone at 703-347-0243, or via email at hull-sanders.helen@epa.gov.

Enclosure

## ACCEPTED

01/03/2018

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No. 89459-96

## **RF2260 CONCENTRATE**

For indoor or outdoor application as a direct, space, area or contact spray or through injector systems. Dependent upon the insects and areas to be treated, this product may be applied through mechanical aerosol (non-metered) or ultra-low volume (ULV) generators, as well as thermal and conventional fogging or spraying equipment.

**KILLS:** Ants (excluding Harvester and Pharaoh), Bed Bugs, Cockroaches, Fleas, Flies, Scorpions, Spiders, Stored Product Pests, Beetles, Mites, Moths and Ticks **FOR USE IN:** Commercial (including Food Handling Establishments, Food Service, Storage, Preparation and Processing Areas), Institutional and Residential Areas, Outdoor Areas

#### **ACTIVE INGREDIENTS:**

Pyrethrins	
Piperonyl butoxide*	5%
OTHER INGREDIENTS**:	
Total	100%

<sup>\*(</sup>butylcarbityl)(6-propylpiperonyl) ether and related compounds

1 gallon contains 0.066 lb of pyrethrins and 0.33 lb piperonyl butoxide

# KEEP OUT OF REACH OF CHILDREN CAUTION

See back panel/inside booklet for First Aid, Precautionary Statements, Directions for Use and Storage and Disposal

EPA Reg. No. 89459-XXX EPA Est. No. 2724-TX-1

Net Contents: gallons

<sup>\*\*</sup>Contains Petroleum Distillate

## PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

### Personal Protective Equipment (PPE):

Mixers, loaders, applicators and other handlers must wear the following: Long-sleeve shirt, long pants, shoes and socks, and chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber or Viton.

- In addition to the above PPE, applicators using a high pressure hand wand in an enclosed area must wear at least a filtering respirator with NIOSH approval number prefix TC-21C or a NIOSH Particulate TC-84A respirator any **R**, **P**, or **HE** filter.
- In addition to the above PPE, applicators fogging this product (applying as a space spray) in an enclosed area must wear a half-face, full-face, or hood-style filtering respirator with NIOSH approval number prefix TC-21C, or a canister NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with a cartridge or canister with any R, P or HE filter.

**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 materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

FIRST AID		
IF SWALLOWED	Immediately call a poison control center or doctor.	
	<ul> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> </ul>	
	Do not give any liquid to the person.	
	<ul> <li>Do not give anything by mouth to an unconscious person.</li> </ul>	
IF ON SKIN OR	Take off contaminated clothing.	
CLOTHING:	Rinse skin immediately with plenty of water for 15 - 20 min.	
	Call a poison control center for doctor for treatment advice.	
IF IN EYES:	<ul> <li>Hold eyes open and rinse slowly and gently with water for 15 - 20 min.</li> </ul>	
	Remove contact lenses, if present, after the first 5 min, then continue	
	rinsing eyes.	
	Call a poison control center or doctor for treatment advice.	
Have the product container or label with you when calling a poison control center or doctor or going for		
treatment. For additional information on this pesticide product (including health concerns, medical		
emergencies or pesticide incidents), you may call 1-800-XXX-XXXX, 24 hrs a day, 7 days a week.		
NOTE TO PHYSICIA	AN: Contains petroleum distillate - vomiting may cause aspiration pneumonia	

#### **ENVIRONMENTAL HAZARDS**

**GROUND APPLICATIONS:** 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 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.

When applying as a wide area mosquito adulticide, before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist. When applying as a wide area mosquito adulticide, do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries), except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body.

This product is highly toxic to bees and other insect pollinators 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 or other insect pollinators are foraging the treatment area. To protect the environment, do not allow pesticide to enter or runoff into storm drains, drainage ditches, gutters or surface waters. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Applying this product in calm weather when rain is not predicted for the next 24 hrs 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 runoff to water bodies or drainage systems. Do not contaminate water when disposing of equipment washwaters or rinsate.

FOR CONTAINERS > 5 GALLONS: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of the National Pollutant Discharge Elimination System (NPDES) permit and permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying local sewage treatment plant authority. For guidance, contact your state water-board or regional office of the EPA.

### PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not apply this product around electrical equipment due to the possibility of shock.

#### **DIRECTIONS FOR USE**

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

#### **USE RESTRICTIONS**

- Apply this product only as specified on this label.
- Do not apply more than 1 time/day.
- Only protected applicators may be in treatment area during application.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Do not remain in treated area. Exit area immediately and do not enter or allow others to enter treated area until sprays have dried, until vapors, mists and aerosols have dispersed, and the treated area has been thoroughly ventilated.
- Remove pets, birds and cover fish aquariums before spraying.
- When used as a direct or space spray, do not enter or allow others to enter until sprays have dried.
- For space sprays:
  - Do not allow adults, children or pets to enter the treated area for at least 15 min, until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated.
  - Do not remain in treated area. Exit area immediately and remain outside the treated area until
    aerosol, vapors and/or mists and aerosols have dispersed and the treated area has been
    thoroughly ventilated.
- Remove or cover exposed food and drinking water, in the treatment area, before application.
- Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, in the treatment area, or wash them before use.
- Do not apply as a space spray in residences.
- For space spray applications in food handling and processing facilities;
  - Do not make applications when facility is in operation.
  - Cover or remove food, in the treatment area, prior to space spray applications.
  - Cover food processing surfaces, in the treatment area, or clean after treatment and before use.
- Except when applying to sewers or drains as instructed on this label, do not apply directly to sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- 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.
- Do not apply this product in hospital rooms while occupied or in any rooms occupied by the elderly or infirm. Remove patients from room prior to treatment and thoroughly ventilate (2 hr) after application. Do not return patients to room until after ventilation.
- Do not use in patient rooms in hospitals and nursing homes for treatment of bed bugs.
- Do not apply to classrooms when in use.
- Do not use in aircraft cabins.
- Do not make outdoor applications during rain.
- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways and patios except as a spot or crack-and-crevice treatment. During application, do not allow pesticide to enter or runoff into storm drains, drainage ditches, gutters or surface waters.
- All outdoor applications, if permitted elsewhere on this label, must be limited to spot or crack-andcrevice treatments only, except for the following permitted uses, if allowed elsewhere on this label:
  - 1. Applications to soil or vegetation, as listed on this label, around structures;
- 2. Applications to lawns, turf and other vegetation, as listed on this label;
- 3. Applications to the side of a building, up to a maximum height of 3 ft above grade;
- 4. Applications to underside of eaves, soffits, doors or windows permanently protected from rainfall by a covering, overhang, awning or other structure;
- 5. Applications around potential pest entry points into buildings, when limited to a surface band not to exceed 1" in width:
- 6. Applications made through the use of a coarse, low pressure spray to only those portions of surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label, and not over an impervious surface, drainage or other condition that could result in runoff into storm drains, drainage ditches, gutter or surface waters, in order to control occasional invaders or aggregating pests
- 7. Not for use in outdoor residential misting systems.

#### PRODUCT INFORMATION

**Note:** Some furniture finishes, particularly plastics, can be damaged by petroleum-based insecticides. To avoid damage, cover those items and do not spray directly. If in doubt, test by applying this material to an inconspicuous area before spraying.

#### **USE IN FOOD HANDLING ESTABLISHMENTS**

Applications may be made in food/feed areas of food/feed handling establishments as a contact spray, space spray, crack-and-crevice treatment, including those operating under the Federal meat, poultry, shell egg grading and egg products inspection programs. Food handling establishments are places other than private residences in which food is held, processed, prepared or served. FOOD AREAS: Include areas for receiving, serving, storing (dry, cold, frozen, raw), packing (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage and enclosed processing systems (mills, dairies, edible oils and syrups).

**NON-FOOD AREAS:** Include areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage areas (after canning or bottling).

Apply to pest(s) and sites under the Indoor Use section below. Do not make space spray applications to food areas when the facility is in operation. Prior to space spray applications, remove or cover exposed food and drinking water in the treatment area. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, in the treatment area, wash them before use.

#### **INDOOR USE**

**SPACE SPRAY APPLICATIONS FOR FLYING INSECTS (Flies, Gnats):** Use full strength or dilute as needed using the dilution chart below. Before treating, open cabinets, doors and equipment to be treated; turn off air conditioners and fans, extinguish all flames and pilot lights and close windows in the area to be treated. Apply using a mechanical aerosol generator (droplet size of < 50 microns in diameter and 80% < 30 microns). Apply undiluted at a rate of approximately 1 fl oz/1,000 ft³ of room space, or apply diluted at the rate of 1- 2 fl oz/1,000 ft³ of room space. In commercial operations, subtract the space occupied by stored product or equipment from the cubic footage. Disperse toward areas suspected of harboring the greatest infestations of listed pests. Disperse in all locations (including around equipment, appliances and pallets, if desired) contacting as many insects as possible. Do not remain in treated areas after application. Keep area closed for at least 1 hr. Open and thoroughly ventilate treated areas before reoccupying. Do not apply as a space spray in residences.

**DILUTION:** Use a white mineral oil conforming to regulation 21 CFR 178.3620(b) or an odorless light petroleum hydrocarbon conforming to 21 CFR 172.882 or 40 CFR 180.910 (Inert ingredients used pre and post-harvest; exemptions from the requirement of a tolerance) and 180.930 (Inert ingredients applied to animals; exemptions from the requirement of a tolerance.) Combine oil and concentrate as directed below and mix well just prior to application.

Pyrethrin % Desired	Mixture Rate	Application Rate per 1,000 ft <sup>3</sup>
0.50	1 Part Conc. to 1 Part Oil	1 fl oz
0.30	3 Part Conc. to 7 Parts Oil	1 - 2 fl oz
0.15	3 Part Conc. to 17 Parts Oil	1 - 2 fl oz

SPACE SPRAY APPLICATIONS FOR CRAWLING INSECTS (Ants, Bed Bugs, Beetles, Earwigs, Cockroaches, Silverfish, Spiders): Use full strength. Prior to treatment, open cabinets, doors and equipment to be treated; turn off air conditioners and fans, extinguish all flames and pilot lights and close windows in the area to be treated. Apply as a space spray using a mechanical aerosol generator (droplet size of <50 microns in diameter and 80% <30 microns) at a rate of 1 fl oz/1,000 ft³ of room space. In commercial operations, subtract the space occupied by stored product or equipment from the cubic footage. Disperse toward areas suspected of harboring the greatest infestations of listed pests. Disperse in all locations (including around equipment, appliances and pallets, if desired) contacting as many insects as possible. Do not remain in treated area after application and leave area closed for 1 hour. Ventilate thoroughly before occupants are allowed to re-enter. Do not apply as a space spray in residences.

**DIRECT SPRAY OR VOID TREATMENTS:** Use equipment designed for space or mist treatments, or void injector (such as Actisol® or Micro-Injector®). Follow the manufacturer's recommendations for proper equipment set up and operation. Place the tip of the applicator at or into the crack or crevice or opening to the void. Apply in short bursts into area being treated. Apply 1 sec of product for every 3 ft³ of void area. **For Direct Spray,** apply the product in short bursts into the area where insects are to be contacted, such as corners of the room, behind and under furniture or other equipment. Apply from a distance of 18 - 24 inches away from the surface and allow the material to drift to area to be treated. The amount of product applied is not to exceed 0.33 fl oz /1,000 ft³. **For Bed Bugs:** Direct application into areas where bed bugs harbor. Do not direct this product at mattresses.

**PINSTREAM APPLICATION:** Apply directly into cracks and crevices and elements of construction such as walls, floors, underneath sinks, behind pipes and other places where insects harbor. For spot treatments, use a coarse, low-pressure spray. Limit spot treatments to an area no larger than 20% of the surface area. Any individual spot treatment shall not exceed 2 ft². Contact as many insects as possible. Before making any application, ensure product will not stain surface or leave an unacceptable residue. The amount of product applied is not to exceed 0.33 fl oz/2 ft².

## **OUTDOOR USE**

OUTDOOR GROUND FOGGING APPLICATION USING HANDHELD EQUIPMENT (Flies, Gnats): Use in open areas near buildings and in campgrounds. Use preferably at a time when temperature is cool ( $\leq$  75°F) and the wind velocity is approx.  $\leq$  5 mph. When using ULV equipment, apply at the rate of 4 fl oz/acre. Allow spray drift to penetrate dense foliage.

#### FOR USE ON DOMESTIC ANIMALS/LIVESTOCK

Use to protect beef cattle, dairy cattle and horses from horn flies, house flies and gnats, apply a light mist sufficient to wet the tips of the hair. To kill stable flies on beef cattle, dairy cattle and horses, apply 2 fl oz/adult animal, sufficient to wet the hair but not to soak the hide. To kill the motile stages of blood sucking lice on beef and dairy cattle, apply the spray to thoroughly wet the hair. Use 2 fl oz or less/animal and repeat every 2 - 3 weeks as required, but do not apply more than 1 time/day. **Do not use on dogs and cats.** 

**Space Treatment Over Animals in Barns, Private and Commercial, Corrals, Stables, Dairies, Poultry Houses and Other Animal Quarters to Control Pests:** Select proper dilution or use undiluted and apply with appropriate fogging equipment over animals. Apply undiluted at a rate of approximately 1 fl oz/1,000 ft³ of room space, or apply diluted at the rate of 1- 2 fl oz/1,000 ft³. Direct the spray or mist towards the upper portions of the enclosure filling the room with spray or mist. Vacate treated premises and keep area closed if possible for 15 minutes. Ventilate area prior to re-entry. Repeat treatments when pest thresholds warrant reapplication.

Treatment of Bagged Foods: To kill accessible adult stages of Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Saw-Toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, Khapra Beetle and other listed pests, apply as a space spray at the rate of 1 fluid ounce/1,000 cu. ft. of space. Fumigate or destroy infested stored products or treat by other effective methods using an approved product intended for this purpose. Direct application to food contact surfaces is prohibited. Do not apply more than once per day.

Application to Vegetables (Potato, Tomato, Pea, Sweet Potato), Fruits (Apple, Blackberry, Blueberry, Boysenberry, Cherry, Crabapple, Currant, Dewberry, Fig, Gooseberry, Grape, Guava, Loganberry, Mango, Muskmelon, Orange, Peach, Pear, Pineapple, Plum, Raspberry), Nuts (Almonds, Peanuts, Walnuts) and other Commodities (Copra and Peanut): To kill accessible stages of Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Saw-Toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, Khapra Beetles and other listed insects. Apply as a surface application at a rate of 6 fluid ounces/1,000 sq. ft. Spray walls, floors and other surfaces, storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Or apply as a space spray at a rate of 1 fluid ounce/1,000 cu. ft. of space by directing the spray toward the ceiling and upper corners of the area and behind any obstructions. Do not reapply within 7 days. Do not apply more than 10 times to sweet potatoes. Do not apply both surface and space sprays within the same 7-day period.

**AUTOMATIC SPACE SPRAY SYSTEMS**: Use in automatic space spray systems to kill exposed accessible stages of: Flies (including Fruit Flies), Mosquitoes, Small Flying Moths, Fleas, Gnats, Wasps, Hornets, Clover Mites, Cheese Mites, Cheese Skippers, Boxelder Bugs, Earwigs, Ants and the following common stored product pests: Granary Weevils, Rice Weevils, Confused Flour Beetles, Saw-Toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Mealworms, Dark Mealworms, Grain Mites, Cadelles and Red Flour Beetles. Close room and shut off all air conditioning or ventilating equipment. Set system to apply undiluted concentrate at a rate of 0.5 to 1 fluid ounce/1,000 cu. ft. of space. Close off and vacate treated areas for at least 30 minutes and thoroughly ventilate before reoccupying. Do not apply more than once per day.

## **OUTDOOR APPLICATIONS, UNDILUTED:**

To kill ADULT MOSQUITOES, GNATS AND SMALL FLYING MOTHS, This product may be used for mosquito control programs involving residential, industrial, recreational areas, overgrown wastes areas, roadsides and pastures where adult mosquitoes occur.

Best results are expected from application when the meteorological conditions favor an inversion of air temperatures in the area treated, and when the wind is not excessive. Apply only when wind speed is greater than or equal to 1 mph.

The maximum application rate for wide area mosquito adulticide applications is 0.0025 lbs pyrethrin/acre, or 0.025 lbs piperonyl butoxide/acre, whichever is lower. When targeting *Aedes taenirorhynchus* and other difficult species, applications may be made up to 0.008 lbs pyrethrin/acre/day, or 0.08 lbs piperonyl butoxide/acre/day, whichever is lower.

Do not apply more than 0.2 lbs pyrethrin/acre/year, or 2.0 lbs piperonyl butoxide/acre/year, whichever is lower, in any treated area. More frequent treatments may be made to prevent or control a threat to public and/or animal health determined by a state, tribal, or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

Application Rates of RF2260 Space Spray Undiluted for Adult Mosquito Control

Pounds a.i./Acre		Fl. Oz./Acre
Pyrethrins	PBO	
0.0025	0.0125	4.80
0.0018	0.0090	3.48
0.0009	0.0045	1.74

**Ground-based applications for wide-area mosquito abatement application:** Spray equipment must be adjusted so that the volume median diameter is less than 30 microns ( $D_{v\,0.5}$  < 30 µm) and that 90% of the spray is contained in droplets smaller than 50 microns ( $D_{v\,0.9}$  < 50 µm). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

**TEMPORARY REDUCTION OF ANNOYANCE AND POTENTIAL VECTORS, UNDILUTED, from FLIES, MOSQUITOES and SMALL FLYING MOTHS OUTDOORS.** The aforementioned application for outdoor ground application will afford temporary reduction of annoyance from these pests in public gathering places (drive-in restaurants, drive-in theaters, golf courses, municipalities, sewers, parks, playgrounds and recreational areas). Direct application into tall grass, shrubbery and around lawns where these pests may hover or rest. Apply while air is still. Avoid wetting foliage. Application should be made prior to attendance.

**FOR USE IN THERMAL FOGGING EQUIPMENT**: Following the above directions and precautions. Apply at a rate of not more than 0.0025 pounds of pyrethrins and 0.0125 pounds of piperonyl butoxide per acre. For control of nuisance species in Texas, it may be necessary to use a dose of up to 0.008 pounds of pyrethrins and 0.04 pounds of piperonyl butoxide per acre.

In additional outdoor areas (corrals, feed lots, swine lots and zoos), fill area with mist directing application into tall grass, shrubbery and around lawns where these pests may hover or rest. Apply while air is still. Avoid wetting foliage. In zoos, avoid exposure of reptiles to the product.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. PESTICIDE STORAGE: Store in original container in secured, dry storage area. Do not store above 100° F for extended periods of time. Storage below 32°F may cause freezing. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below. PESTICIDE **DISPOSAL**: Wastes resulting from the use of this product may be disposed of on site, in accordance with the label directions, or at an approved waste disposal facility. CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Empty container by using the product according to the label directions. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: [(5 gallons or less) 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 2 more times.] [(>5 gallons) Empty remaining contents into application equipment or a mix tank. Fill the container ¼ 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. Turn the container over onto its other 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 2 more times.] Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

In addition to sites listed previously, this product is acceptable for use in and around the following sites:

Indoor:

**Animal Areas and Quarters** 

Auditoriums

Bakeries

Beverage Plants

**Boats** 

**Bottling Plants** 

Brandy Storage Warehouses

Buildings

Buses

Cabins

Canneries

Cattle Barns

Churches

Closets

Condominiums

**Communication Centers** 

**Correctional Facilities** 

Dairy & Livestock Barns

**Dried Fruit Processing Plants** 

**Drains & Sewers** 

**Dried Fruit Warehouses** 

Drugstores

**Dumpsters** 

**Dwellings** 

Egg Processing Plants

**Factories** 

Flour Mills

Food Handling Establishments

Food Processing Plants

Freight Containers

Fruit Packing Sheds

Garbage Cans

Garbage Compactors

Goat Houses

**Grain Elevators** 

Grain Mills

**Grain Handling Equipment** 

Granaries

Homes

Horse Stables/Barns

Hospices

**Industrial Installations** 

Institutions

Jails

Laboratories

Libraries

Livestock Barns

Loafing Sheds

Locker Rooms

Mills

Mausoleums

Meat Packing Plants

Milk Rooms

Missions

Mobile Homes

Museums

Mushroom Processing Plants

**Nursing Homes** 

Offices

Office Buildings

Passenger Rall Cars

Peanut Processing Plants

Peanut Storage Warehouses

Poultry Houses

Poultry Processing Plants

Prisons

**Public Buildings** 

Rabbit Processing Plants

Rabbit Houses

Railroad Cars

Recreational Vehicles

Research Animal Areas

Restaurants

Restrooms

Rice Mills

Shade Houses

Ship holds

Stables

Stable Bins

Stored Seed Warehouses

Stores

Supermarkets

Swine Housing

Textile Mills & Warehouses

Theaters

Tobacco Plants

Tobacco Warehouses

Townhouses

Trains

Transportation Equipment

Trucks

Truck Trailers

**USDA** Inspected Facilities

Utilities

**Utility Rooms** 

Voids (Attics, Walls, Ceilings)

Warehouses

Wineries

Wine Storage Warehouses

Zoos

#### **OUTDOOR:**

Campgrounds

Corrals

Drive-in Restaurants

**Drive-in Theaters** 

**Dumpsters** 

Feedlots

Garbage Dumps Junkyards Kennels Landscapes Lath Houses Manure Piles Plantscapes

## This product is also effective against the following insects when used according to label directions:

**FLYING INSECTS:** 

Bees
Blow Flies
Bottle Flies
Cheese Skippers
Deer Flies
Flies

Fungus Gnats House Flies Hornets

Mushroom Flies Stable Flies Vinegar Flies Yellow Jackets

### **CRAWLING INSECTS:**

Bed Bugs Book Lice

Cabbage Loopers
Cabbage Worms
Cockroaches
Crickets
Fire Ants
Firebrats
Millipedes
Pillbugs
Sowbugs

# **GRAIN BORERS:** Larger Grain Borers

Lesser Grain Borers FLEAS and TICKS:

Brown Dog Ticks Fleas

Ticks
LICE:
Cattle Lice

Scorpions

## **SPIDERS and MITES:**

Cheese Mites Clover Mites Grain Mites Mites Spiders WEEVILS:

Bean Weevils Granary Weevils Maize Weevils Rice Weevils MOTHS: Almond Moths Chocolate Moths

Clothes Moths
Cocoa Bean Moths

Mediterranean Flour Moths

WORMS:

Dark Mealworms Lesser Mealworms Yellow Mealworms

**BEETLES:** 

Black Carpet Beetles Carpet Beetles Darkling Beetles Dermeslid Beetles Dried Fruit Beetles Drugstore Beetles Flat Grain Beetles Foreign Grain Beetles

Fungus Beetles Ground Beetles Hide Beetles

Merchants Grain Beetles Mexican Grain Beetles Red Flour Beetles Red Horned Grain Beetles

Rusty Grain Beetles

Saw-toothed Grain Beetles

Spider Beetles Trogoderma Beetles

White Marked Spider Beetles