



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 31, 2021

Tim McGonegal  
Registered Agent for  
Summit Chemical Co.  
c/o Scientific Coordination, Inc.  
4629 Cherry Valley Dr.  
Rockville, MD 20853

Subject: Label Amendment and Registration Review Label Mitigation for Permethrin –  
Added language from Permethrin Interim Decision in addition to livestock and  
livestock premise treatment applications.  
Product Name: Summit Permacide P Concentrate  
EPA Registration Number: 6218-66  
Application Date: August 4, 2020; December 18, 2020  
Decision Number: 569741; 568973

Dear Mr. McGonegal

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of 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.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. 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 18 months from the date of this letter. After 18 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.

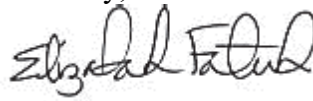
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded 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

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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.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Jennifer Gaines by phone at (703) 305-5967, or via email at [gaines.jennifer@epa.gov](mailto:gaines.jennifer@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Elizabeth Fertich". The signature is written in a cursive style with some loops and flourishes.

Elizabeth Fertich  
Product Manager 04  
Invertebrate & Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure: Stamped Label

MASTER LABEL:  
Occupational/Residential

Permethrin	GROUP	<b>3A</b>	INSECTICIDE
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## SUMMIT® PERMACIDE® P CONCENTRATE

For both indoor and outdoor use and in Homes and Non-Food Areas of Commercial Buildings, institutions, Warehouses, Theaters, Office Buildings, Schools, Motels, Hotels, Restaurants, Food/Feed-Processing Establishments, and Kennels, Poultry Houses, Dairies, Cattle Barns, Milking Parlors, Horse Barns and Swine Houses.

~OTHER OPTIONAL MARKETING LANGUAGE & GRAPHICS: SEE LAST PAGE~

**ACTIVE INGREDIENTS:**

Permethrin\*.....10.0%

**OTHER INGREDIENTS\*\*:**.....90.0%

**TOTAL:**.....100.00%

\*Cis/trans ratio: *min.* 35% (+\)-cis and *max.* 65% (-t\)-trans.

\*\*contains petroleum distillates

**ACCEPTED**

08/31/2021

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 6218-66

### CAUTION

KEEP OUT OF REACH OF CHILDREN

#### FIRST AID

**IF SWALLOWED:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any liquid to the person. -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.

**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.

#### NOTE TO PHYSICIAN

Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

#### HOT LINE NUMBER

Have this product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-858-7378 for emergency medical treatment information.

See side panel for additional precautionary statement

**EPA Reg. No. 6218-66**

Contents: X gallons, quarts, pints

**EPA Est. No. 6218-MD-2**

Lot No.

Summit Chemical Co.

235 South Kresson Street

Baltimore, MD 21224-2616

Phone: (410) 522-0661

Toll-Free: (800) 227-8664

Fax: (410) 522-0833

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wear long-sleeved shirt, long pants, shoes, and socks and chemical resistant gloves (such as barrier laminate, nitrile or neoprene rubber, or Viton®).

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators using ULV cold foggers or fog/mist generators in indoor spaces must wear:

Coveralls over long-sleeved shirt and long pants,

Chemical-resistant gloves, made of barrier laminate, nitrile rubber, neoprene rubber, or viton

Chemical-resistant footwear plus socks, and

Chemical-resistant headgear, if overhead exposure.

Applicators using ULV cold foggers and/or fog/mist generators in outdoor spaces must wear:

Long-sleeve shirt and long pants,

Shoes plus socks, and chemical-resistant gloves, made of barrier laminate, nitrile rubber, neoprene rubber, or viton.

All other mixers, loaders, applicators, and other handlers must wear: Long-sleeve shirt and long pants, shoes plus socks, and chemical-resistant gloves for all handlers, except for applicators using motorized ground equipment, pilots, and flaggers, chemical-resistant apron for mixers/loaders, persons cleaning equipment, and persons exposed to the concentrate and for handlers performing animal dip applications.

**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 this product's concentrate. Do not reuse them.

**USER SAFETY  
RECOMMENDATIONS**

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 clean clothing.

**DO NOT USE ON CATS**

May be toxic or potentially fatal if applied to or ingested by cats. Accidental application to cats and/or grooming a recently treated dog may result in tremors and/or uncoordinated muscle movements. If this occurs, immediate veterinary care should be provided.

**ENVIRONMENTAL HAZARDS for TERRESTRIAL APPLICATIONS**

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 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 allow this product to drift to blooming crops or weeds while bees are actively visiting the treatment area.

**ENVIRONMENTAL HAZARDS for WIDE AREA MOSQUITO ADULTICIDE  
APPLICATIONS**

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish and aquatic invertebrates. While 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.

### **DIRECTIONS FOR USE**

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

### **USE RESTRICTIONS**

Do not allow to enter indoor or outdoor drains. No permita la entrada a desagües internos o externos.



#### **Occupational Uses:**

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

1. Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
2. 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);
3. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
4. 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;
5. 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;
6. 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 must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.).

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 farm ponds.

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 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.

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 after application may cause unintended runoff of pesticide application.

Do not apply when the wind speed is greater than 15 mph.

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.

Except when applying to dogs or livestock, do not enter or allow others to enter treated area until sprays have dried.

Except when applying to dogs or livestock, do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.

Except when applying to dogs or livestock, do not apply this product in a way that will contact workers or other persons, either directly or through drift.

Except when applying to dogs or livestock, only protected handlers may be in the area during application.

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.

Except when applied as a wide area mosquito adulticide, do not apply this product in a way that will contact workers or other persons either directly or through drift.

Except when applied as a wide area mosquito adulticide, only protected handlers may be in the area during application.

Do not apply when food is present. Cover or remove exposed food.

Do not use in food 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, cover all food processing surfaces and utensils during treatment or thoroughly wash before use.

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 drain during or after application.

Not for broadcast use on indoor residential surfaces. Do not use in aircraft.

Do not water the treated area to the point of run-off. Do not make applications during rain.

Use in a handheld cold or thermal fogger is prohibited. Not for use in outdoor residential misting systems.

Do not use in an evaporative cooling system.

Do not use in misters located within 3 feet of air vents, air conditioner units, or windows.

Restrictions for use in commercial animal premise automatic misting systems.

Not for use in outdoor residential misting systems (indoor or outdoor).

Do not apply this product in barns or stables where animals intended for slaughter or human consumption will be maintained. Do not apply when food, feed, or water is present. Do not apply directly to animals. When using this product, Installers and service technicians must comply with the license, certification, or registration requirements of the state(s), tribe(s), or local authority(ies) where they are instated. When applying via a remote activation device, do not apply when people and pets are present. If possible, when applying via automatic timer, set the timing for application when people and pets are unlikely to be present. Direct nozzles to spray towards the target area and away from areas where people are typically present.

If used in a system with a reservoir tank for the end-use dilution, the system reservoir tank must be locked. Securely attach the end-use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be prepared as follows: **This container holds one-part PERMACIDE® P CONCENTRATE to ten parts water.**

This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 13 ounces per gallon.

**Residential Use Restrictions:**

Not for use in outdoor residential misting systems.

For use as a surface spray:

Do not allow adults, children, or pets to enter until sprays have dried.

For use as a space spray:

Do not allow adults, children, or pets to enter until vapors, mists, and aerosols have dispersed and the treated area has been thoroughly ventilated.

For use as a surface or space spray:

Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift. Remove pets, birds, and cover fish aquariums before use.

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 drain during or after application.

Not for broadcast use on indoor residential surfaces.

For maximum effectiveness, a combination of localized application and space treatment is recommended. To prepare dilutions, first stir or agitate the concentrate well. Add the required amount of concentrate to water and blend thoroughly. Do not hold dilutions for more than 24 hours.

**Occupational and Residential Uses:**

INDOOR USE AREAS OF BAKERIES, KENNELS, BEVERAGE PLANTS, MEAT PACKING PLANTS, CANERIES, MOTELS, FLOUR MILLS, OFFICE BUILDINGS, FOOD PROCESSING PLANTS, RAILROAD CARS, GRAIN ELEVATORS, RESTAURANTS, GRANARIES, SCHOOLS, HOMES, SHIP'S HOLDS, HOSPITALS, SUPERMARKETS, HOTELS, TRUCK TRAILERS, INDUSTRIAL INSTALLATIONS, POULTRY HOUSES, DAIRIES, CATTLE BARNs, MILKING PARLORS, HORSE BARNs AND SWINE HOUSES AND WAREHOUSES.

AS A SURFACE SPRAY for initial clean-up of severe insect infestation, dilute at a rate of 1-part concentrate in 10 parts water (13 fluid ounces per gallon).

TO CONTROL cockroaches, waterbugs, palmetto bugs, ants, silverfish, firebrats, spiders crickets, millipedes, centipedes, sowbugs, pillbugs, clover mites, cheese mites, granary weevils, rice weevils, confused flour beetles, rust red flour beetles, sawtoothed grain beetles, spider beetles, cigarette beetles, drugstore beetles, mealworms, grain mites and cadelles: use a good sprayer adjusted to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery, and behind shelves and drawers. Spray bookcases for silverfish. Spray ant trails, nests and points of entry. If surface application only is to be used, spray floors, walls and other surfaces applying at a rate of 1 gallon to 750 square-feet of surface.

**FOR PET USE - USE ONLY ON DOGS, HORSES AND PONIES**

For use on Dairy & Beef Cattle, Sheep, Goats, Swine, Horses & Ponies, Poultry and their premises to control stable flies, deer flies, house flies, horse flies, mosquitoes, and gnats. Keep container sealed when not in use. Protect from freezing. To prepare dilutions, add the required amount of concentrate to water and blend thoroughly.

Dilution rates on this label will yield the following ready-to-use product:

<b>RATE</b>	<b>OZ. CONC./GAL</b>	<b>PERMETHRIN</b>
1:19	6.4	0.50%
1:39	3.2	0.25%
1:100	1.28	0.10%
1:200	0.64	0.05%
1:400	0.32	0.025%

<b>Dilution Rates:</b>	<b>Rate Concentrate/Water</b>	<b>Or Oz. Concentrate Per Gallon of Water</b>	<b>Or Teaspoons Per Gallon of Water</b>
Maintenance Use	1 part concentrate / 400 parts water	0.32 oz. concentrate / 1 Gallon of water	2 teaspoons conc. / per gallon of water
Normal Infestations	1 part concentrate / 200 parts water	0.64 oz. concentrate / 1 Gallon water	4 teaspoons conc. / per gallon of water
Severe Infestation	1 part concentrate / 1 00 parts water	1 .28 oz. concentrate / 1 Gallon water	8 teaspoons conc. / per gallon of water

The number following the dilution directions on this label refers to the ready-to-use Permethrin level.

#### ANIMALS AND ANIMAL PREMISE USE AREAS:

Cattle Barns, Dairies, Horse Barns, Kennels, Milk Rooms, Milking Parlors, Poultry Houses, Swine Houses.

This insecticide concentrate when diluted, can be used on horses & ponies as a trigger spray and will provide control for up to 4 weeks. Kills stable flies, horse flies, deer flies, face flies, houseflies, horn flies, mosquitoes, and gnats. **NOTE: Do not use on foals under 3 months of age.** This product must be diluted prior to use.

Wipe-On: Remove excess dust and dirt. Spray product on clean cloth and wipe animal, being careful to treat back, withers and forelegs. To protect from face flies, apply to face and head but avoid contact with eyes.

For cleanup of severe insect infestation, dilute at a rate of 1-part concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) (0.1%).

For normal infestations, dilute 1-part concentrate in 200 parts water (0.64 ounces per gallon) (4 teaspoonfuls per gallon) (0.05%).

For maintenance use, dilute 1-part concentrate in 400 parts water (0.32 ounces per gallon) (2 teaspoonfuls per gallon) (0.025%).

#### LIVESTOCK SPRAY: [FOR USE ON] DAIRY AND BEEF CATTLE, SHEEP, GOATS, SWINE, HORSES, AND POULTRY

FOR DAIRY CATTLE: Spray lactating dairy cows only after milking is complete.

FOR SWINE: Do not ship animals for slaughter within 5 days of last treatment.

TO CONTROL Horn Flies. Houseflies. Mosquitoes, and Gnats: Apply to wet the hair thoroughly, paying particular attention to topline, underline, flanks, withers, and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or as needed when flies emerge in large numbers.

TO CONTROL Stable Flies. Horse Flies, and Deer Flies: Apply a quart per adult animal to wet the hair thoroughly, paying particular attention to legs, flanks, barrel, topline, and other body areas commonly attacked by those flies. Repeat daily as needed.

TO CONTROL Face Flies: Apply using sprayer that produces large wetting droplets. [In the morning apply to the face of the animal] Apply to the face of of the animal in the morning before releasing to pasture. Apply sufficiently to wet the face but not more than 1 1/2 (1.5) ounces per animal. Repeat daily as needed.

TO CONTROL Poultry Lice: Spray roosts, walls, and nests or cages thoroughly, followed by spraying over the birds with a fine mist.



TO CONTROL Bed Bugs and Mites (including Northern Fowl Mite) in Poultry Houses: Spray crevices of roost poles, cracks in walls, and cracks in nests where Bed Bugs and Mites hide. Spray birds with a fine mist and pay [paying] particular attention to vents. Use at the rate of 1 gallon of spray per 100 birds.

TO CONTROL Sheep "Tick" or Ked: Thoroughly wet all portions of the body by dipping or spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool. Treat at a rate sufficient to wet the animal.

TO CONTROL Fleas. Ticks. Lice, and Mange Mites (adults and larvae) on Dogs and Livestock: Thoroughly wet the animal by dipping, sponging, or spraying. Application of product on pets must only be done indoors. Allow animal to dry in a warm place without rinsing or toweling. Gives long lasting protection against reinfestation. Repeat applications at intervals of 2 to 3 weeks. [NOTE:] DO NOT TREAT PUPPIES LESS THAN TWELVE WEEKS OLD. 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.

Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant or nursing animals.

TO CONTROL Fleas. Flies. Ticks. Lice, and Mange Mites (adults and larvae) in kennels, doghouses, runs, and yards: Thoroughly spray pest breeding or resting areas until damp. Most efficient pest control is accomplished when heavy pressure and good contact is achieved. Base the timing and frequency of application on pest populations reaching nuisance levels, with accompanying manure removal and sanitation practices preceding sprays. Do not spray feed, food, or water. Repeat as needed but not more often than once every 2 weeks.

TO CONTROL fleas and ticks (adults and larvae), thoroughly spray infested areas pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and localized areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. To kill fleas and ticks on dogs, and to obtain protection against reinfestation, dilute at 1-part concentrate to 19 parts water (6.7 fluid ounces per 1 gallon) and wet the animal by dipping or spraying. DO NOT TREAT PUPPIES LESS THAN FOUR WEEKS OLD. Wear gloves when dipping animals. Do not use this or any other pesticide on sick, old, or debilitated animals. Application of product on pets must only be done indoors.

IN CATTLE BARNS, HORSE BARNS, SWINE HOUSES, KENNELS, MILKING PARLORS, MILK ROOMS, DAIRIES AND POULTRY HOUSES

TO CONTROL Flies, Mosquitoes. Meal Worms. Darkling Beetles, and Gnats:  
For initial cleanup of severe insect infestation, dilute at a rate of 1 part concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) (0.1%).

For normal infestations, dilute 1-part concentrate in 200 parts water (0.64 ounces per gallon) (4 teaspoonfuls per gallon) (0.5%).

For maintenance use, dilute 1-part concentrate in 400 parts water (0.32 ounces per gallon) (2 teaspoonfuls per gallon) (0.025%).

Apply as a fog or fine mist, directing the spray toward ceiling and upper corners until the area is filled with mist. Use about 2 ounces per 1,000 cubic feet of space. For best results, close doors and windows before spraying and keep closed for 10 to 15 minutes. Vacate the treated area and ventilate before reoccupying.

TO CONTROL carpet beetles, spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, closets, and infested areas of shelving. Repeat treatment as needed.

TO CONTROL Bedbugs, spray mattresses lightly, particularly around tucks and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Allow mattresses and other articles to dry thoroughly before use. Repeat treatment as needed.

TREATMENT OF FLYING INSECTS RESTING PLACES: TO AID IN CONTROL OF mosquitos, wasps, gnats, skippers, treat walls, ceilings, moldings, screens, door frames, window frames, beams, light cords and similar resting places using the above dilution of 1:19.

AS A SPACE SPRAY, Dilute at a rate of 1-part concentrate to 19 parts water (6.7 fluid ounces per gallon). Apply to deliver a fine spray mist. Close doors and windows and shut off ventilating systems. For rapid control of house flies, fruit flies, gnats, mosquitoes, skipper flies, wasps, hornets, bees, black flies, Angoumois grain moths and tobacco moths, direct spray at an upward angle distributing it uniformly through the entire area at a rate of 1 ounce per 1,000 cubic feet of space. Keep area closed for at least 10 minutes. Vacate areas after treatment and ventilate and sweep up dead insects before reoccupying.

For rapid kill of exposed or accessible stages of other insects named on this label, dilute 1 part concentrate in 19 parts water (6.7 ounces per gallon). Apply using conventional mechanical or compressed air equipment (non-thermal), following directions for space spraying. Apply the above dilutions at a rate of 1 ounce per 1,000 cubic feet of space.

#### **RESISTANCE MANAGEMENT STATEMENTS**

For resistance management, Summit Permacide P-II contains a Group 3A Insecticide. Any insect population may contain individuals naturally resistant to Summit Permacide P-II and other Group 3A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

Adopt an integrated pest management program for insecticide/acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.

Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.

#### **Occupational Uses:**

OUTDOOR USE AREAS: CORRALS, DRIVE-IN RESTAURANTS, DRIVE-IN THEATERS, FEEDLOTS, GARDENS, GOLF COURSE PEOPLE GATHERING AREAS, PARKS, PLAYGROUNDS, RECREATIONAL AREAS, URBAN AREAS, ZOOS.

FOR TEMPORARY REDUCTION OF ANNOYANCE FROM ticks, flies, gnats, and mosquitoes in drive-in restaurants, drive-in theaters, golf course gathering areas, urban areas, parks, playgrounds and other recreational areas, dilute 1-part concentrate in 40 parts water (3.2 ounces per gallon of water) for a maximum application rate 0.007 lb. AI/acre. Direct the spray into tall grass, shrubbery and around lawns where these pests may hover or rest.

Apply while the air is still and avoid wetting foliage. Make application prior to use.

#### **DIRECTIONS FOR USE IN COMMERCIAL ANIMAL PREMISE AUTOMATIC MISTING SYSTEMS:**

NOTE: Not registered for use in Automatic ULV Spraying Systems in the State of New York.

Do not apply this product in barns or stables where animals intended for slaughter or human consumption will be maintained.

Do not apply when food, feed, or water is present.

Do not apply directly to animals.

When using this product, installers and service technicians must comply with the license, certification, or registration requirements of the state(s), tribe(s), or local authority(ies) where they are installed.

When applying via a remote activation device, do not apply when people and pets are present. If possible, when applying via automatic timer, set the timing for application when people and pets are unlikely to be present.

Direct nozzles to spray towards the target area and away from areas where people are typically present.

Do not use in an evaporative cooling system.

Do not use in misters located within 3 feet of air vents, air conditioner units, or windows.

If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows:

this container holds \_\_\_\_ parts Summit Permacide P Concentrate to \_\_\_\_ parts water.

This product may only be used in systems that have been calibrated to apply no more than the maximum application rate of 0.25 grams per 1000 cubic per day.

#### Automatic Spraying System Dilution Table:

System Tank Size (in Gallons)	Dilution	Fluid Ounces to Add to Tank
30	0.09% Permethrin	35
55		64
125		145
225		261
30	0.15% Permethrin	58
55		106
125		241
225		434

#### **Mandatory Spray Drift Management – Ultra Low Volume Application**

Apply when ground wind speeds are equal to or greater than 1 mph.

All types of applications should be conducted when temperatures at ground level are at or above 50°F.

For Ground Applications:

Create an optimum swath when possible. An optimum swath width can be achieved when Summit Permacide P Concentrate is applied from a truck that is being driven perpendicular to the wind direction. Direct the spray head of equipment to ensure even distribution of the spray cloud throughout the area.

FOR BEST RESULTS treat when mosquitoes or insects are most active and weather conditions are conducive to keeping the spray cloud in the air column close to the ground.

An inversion of air temperatures and a light breeze is preferable. Application during the cooler hours of the night or early morning is recommended.

For Aerial Applications:

Do not apply by fixed wing aircraft at a nozzle height less than 100 feet (30.5 m) above ground or canopy, or by helicopter at a height less than 75 feet (22.9 m) above the ground or canopy, unless specifically approved by the state or tribe based on public health needs.

Adult mosquito control applications should be limited to trained personnel.

For use only by federal, state, tribal or local government officials responsible for public health or vector control or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory Agency to perform adult mosquito control applications, or by persons under their supervision, or as allowed by state regulations for persons treating private property.

This pesticide is toxic to aquatic organisms. Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to aquatic organisms.

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 beyond the body of water to minimize incidental deposition into the water body. Do not contaminate bodies of water when disposing of equipment rinsate or wash waters.

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.

Do not treat a site with more than 0.007 lbs. of each a.i., per acre in a single application or in any 24-hour period.

Do not exceed 25 applications at 0.007 lbs. a.i. per acre per application or 0.18 lbs. of a.i. per acre in any site in one year. More frequent applications 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.

For mosquito control use by federal, state, tribal, or local government officials responsible for public health or vector control, or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications, or by persons under their direct supervision.

**Aerial application made at  $\leq 200$  feet above ground elevation:**

Spray equipment must be adjusted so that the volume median diameter product is less than 60 microns ( $Dv\ 0.5 < 60$  microns) and that 90% of the spray is contained in droplets smaller than 100 microns ( $Dv\ 0.9 < 100$  microns). The effects of flight speed and, for non-rotary nozzles angle on the droplet size spectrum must be considered. Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and 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.

**Aerial application made at  $>200$  feet above ground elevation:** Spray equipment must be adjusted so that the volume median diameter product is less than 70 microns ( $Dv\ 0.5 < 70$  microns) and that 90% of the spray is contained in droplets smaller than 145 microns ( $Dv\ 0.9 < 145$  microns). The effects of flight speed and, for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered.

Do not apply within 450 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds). Applications made by mosquito control districts and other public health officials are exempt from this requirement.

Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and 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.

**Ground-based application:**

Spray equipment must be adjusted so that the volume median diameter product is less than 30 microns ( $Dv\ 0.5 < 30$  microns) and that 90% of the spray is contained in droplets smaller than 50 microns ( $Dv\ 0.9 < 50$  microns). Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds). 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.

For 4 hours following applications, do not allow any person to reenter treated areas. In the treatment of corrals, feedlots, swine lots and zoos, cover any exposed water, drinking fountains, and animal feed before application.

Fill the area with a mist spray and direct into tall grass, shrubbery, and around lawns where the above pests may hover or rest. Apply while the air is still and avoid wetting foliage. In zoos, prevent exposure of reptiles to the product. Repeat every 7 days as necessary for control.

TO KILL gypsy moth caterpillars and adults, adult Japanese beetles, and eastern and forest tent caterpillars on contact, combine 3.2 fluid ounces of concentrate per 1 gallon of water. Apply to ensure thorough coverage of upper and lower surfaces.

On trees and shrubs, treat trees and shrubs as soon as insects emerge (usually late-spring). Treat leaves, branches, and tree trunks evenly, making sure to penetrate dense foliage. Repeat application every 7 days as necessary for control.  
On roses and in flower Gardens, treat plants and flowers as soon as insects appear. Spray plants and flowers making sure to penetrate dense foliage. Repeat application every 7 days or as necessary for control.

### **STORAGE AND DISPOSAL**

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

**STORAGE:** Store in a cool, dry place. Do not store near heat or open flame.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Triple 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  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank to store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Do not pour or dispose down-the-drain or sewer. Call your local solid waste Agency for local disposal options.

Notice: To the extent consistent with applicable law, the seller makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extends beyond the statements made on this label. To the extent consistent with applicable law, the seller shall not be liable for consequential, special or indirect damages resulting from the use, handling, application, storage or disposal of this product or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages.

### **OPTIONAL MARKETING LANGUAGE**

1. Labeled for use in commercial animal premise misting systems
2. A long-lasting livestock and premise spray that provides quick knockdown, broad spectrum insecticidal effectiveness and excellent residual activity for up to 28 days.
3. Protects Horses and Ponies from attacks of Horse Flies, Stable Flies, Face Flies, Deer Flies, Houseflies, Horn Flies, Mosquitoes, and Gnats. For use on dairy and beef cattle, sheep, goats, swine, horses, poultry and their premises
4. Controls Pests up to 4 weeks