



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 20, 2015

Ed Lawrence
Ecto Development Corporation
850 NW Pink Hill Rd
Blue Springs, MO 64015

Subject: Amended Reregistration Label
Product Name: Ecto B715 Insecticide
EPA Registration Number: 67505-10
Decision Number: 410227, 413363

Dear Mr. Lawrence:

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 reregistration of the above referenced product in connection with the Permethrin and PBO REDs, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

NOTE: This product is **not** yet being reregistered under section 4(g) of FIFRA.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 12/13/2011
- Alternate CSF 1, dated 12/13/2011

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.

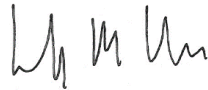
A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment or the next printing of the label, whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label

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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 about this letter, please contact Gene Benbow by phone at 703-347-0235 or via email at Benbow.Gene@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Urbanski', with a stylized, cursive script.

Jennifer Urbanski, PhD, Product Manager 4
Invertebrate and Vertebrate Branch 1 (IVB1)
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

[FRONT PANEL]

ECTO B715 INSECTICIDE

A WATER BASE, SYNERGIZED, CONCENTRATE INSECTICIDE WITH UP TO 30 DAYS RESIDUAL EFFECTS ON INANIMATE SURFACES.

- Water Based With Pleasant Citrus Scent
- Broad Spectrum Insecticide /Acaracide
- Synergized
- Quick Knockdown
- For Control of Insect Pests on Livestock, Poultry and Farm Premises
- For Control of Insect Pests on Horses
- For Control of Ticks Including Deer Ticks (carrier of Lyme Disease)
- Kills troublesome outdoor insects which destroy Lawns, Roses, Flowers, Trees and Shrubs, Fruit and Nut Trees, and Vegetables
- Provides contact and residual control for up to 4 weeks on many hard-to-kill sucking and chewing insects.
- Protects Horses by Killing and Repelling Horse Flies, House Flies, Stable Flies, Face Flies, Horn Flies, Deer Flies, Gnats, Mosquitoes, Lice, and Ticks (Including Deer Ticks - Carrier of Lyme Disease) on Horses.

Protects your lawns, trees, & shrubs, roses, & flowers, fruits & nuts, vegetables from: Alfalfa Loopers, Ants, Aphids, Armyworms, Bagworms, Beetles, Borers, Budworms, Cabbageworms, Chinch bugs, Cicadas, Citrus Black Flies, Cluster Flies, Codling Moths, Corn Earworms, Crickets, Cutworms, Earwigs, Elm Spanworms, Fall Cankerworms, Fire Ants, Fleas, Green Fruitworms, Gnats, Grasshoppers, House Flies, Inchworms, Japanese Beetles, Leafhoppers, Leafminers, Leafrollers, Lone Star Ticks, Lygus Bugs, Mealybugs, Millipedes, Mole Crickets, Mosquitoes, Moths, Navel Orangeworms, Scales, Sod Webworms, Sowbugs (pillbugs), Spiders Mites, Spring Cankerworms, Tent Caterpillars, Thrips, Tobacco budworms, Weevils, Whiteflies and many others.

ACTIVE INGREDIENTS:

Permethrin (CAS NO.: 52645-53-1)	8.50%
Piperonyl butoxide* (CAS NO.: 51-03-6).....	4.25%
*(butyl carbityl)(6-propylpiperonyl) ether and related compounds	

OTHER INGREDIENTS:	87.25%
TOTAL	100.00%

Contains 80.4 g permethrin and 40.2 g piperonyl butoxide technical per quart.

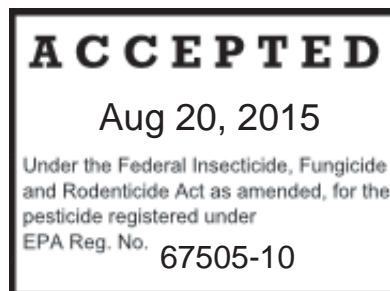
KEEP OUT OF THE REACH OF CHILDREN
CAUTION
SEE SIDE / BACK PANEL FOR
ADDITIONAL PRECAUTIONARY STATEMENTS

Net Contents: 1 U.S. QUART (946ml)

EPA Reg. No.: 67505-10

Est. Reg. No. 67505-10-XXXXX

Manufactured For
Ecto Development Corporation
850 NW Pink Hill Rd.
Blue Springs, MO 64015



ECTO B715 INSECTICIDE

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

Harmful if swallowed. Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

Personal Protective Equipment (PPE)

All handlers must wear:

- long-sleeved shirt and long pants
- socks and shoes
- chemical resistant gloves made out of any waterproof material

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

User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

User 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."

[SIDE/BACK PANEL]

ECTO B715 INSECTICIDE

FIRST AID

-
- If Swallowed**
- Call a poison control center or doctor immediately for treatment advice.
 - Have person sip a glass of water if able to swallow.
 - Do not induce vomiting unless told to do so by a poison control center or doctor.
 - Do not give anything by mouth to an unconscious person.
-
- If in Eyes**
- Hold eyes 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 eyes.
 - Call a poison control center or doctor for further treatment advice.
-
- If on Skin or Clothing**
- Take of contaminated clothing.
 - Rinse skin immediately with plenty of water for 15-20 minutes.
 - Call a poison control center or doctor for further treatment advice.
-
- 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 center or doctor for further treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor for treatment. You may also contact 1-816-220-2015 for emergency medical treatment information.

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 foraging the treatment area.

[SIDE/BACK PANEL]

ECTO B715 INSECTICIDE

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

INDICATIONS

For use on Horses, Beef and Dairy Cattle, Swine, Sheep, Poultry, and their premises to Kill Flies, Fleas, Lice, Imported Fire Ants, Mites, and Ticks including Deer Ticks (carrier of Lyme Disease). Aids in the control of Cockroaches, Mosquitoes, Spiders, and Crickets.

BUYER GUIDE: The following statements are made as a general guide to quantity of pesticide required for various applications. See chart on inside of back panel for complete directions on dilution and use.

Premise Use as a Spray or Fog: Mix 1 qt. in 25 gal. of water.

Livestock Use: Mix 1 qt. in 100 gal. of water to treat up to 400 animals.

Poultry Use: Mix 1 qt. in 50 gal. of water to treat up to 5,000 birds.

Horse Use: Mix 1.5 fl. oz. (45mL) in 2 gal. of water for spray use.

CONVERSION EQUIVALENTS: 1 fl. oz. = 30 mL = 5 tablespoons = 6 teaspoons

DIRECTIONS FOR USE

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

SHAKE WELL BEFORE USE

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

Mix ECTO B715 INSECTICIDE and apply the use-diluted material to animals and pest breeding or resting surfaces at the rate shown on accompanying chart. These dilutions and rates will provide most efficient pest control under conditions of heavy pressure when good contact is achieved. Timing and frequency of application should be based on pest populations reaching nuisance levels, but accompanying manure removal and sanitation practices should precede sprays.

Do not spray feed, food, or water. Retreat as needed, but not more often than once every two weeks.

[SIDE/BACK PANEL]

ECTO B715 INSECTICIDE

USE RESTRICTIONS

Entry Restrictions:

For directed spray:

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

For space spray:

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

Application Restrictions:

- Only protected handlers may be in the area during application.

For spray applications to plants:

- Do not wet plants to point of runoff or drip.

For applications **indoors**:

- 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.
- Not for broadcast use on indoor residential surfaces.
- Do not apply when food or feed is present.
- In the home, all food processing surfaces and utensils must be covered during treatment or thoroughly washed before use. Exposed food must be covered or removed.

For applications to non-residential **indoor** sites:

- Do not use in aircraft cabins.

When used in dairy barns or facilities:

- Close milk bulk 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.

For applications **outdoors**:

- All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
 - (1) Treatment to soil or vegetation around structures;
 - (2) Applications to lawns, turf, and other vegetation;
 - (3) Applications to building foundations, up to a maximum height of 3 feet.
 - (4) Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by covering, overhang, awning, or
 - (5) Applications around potential pest entry points into buildings, when limited to a surface band not to exceed one inch 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, gutters, or surface waters, in order to control occasional invaders or aggregating pests.

[SIDE/BACK PANEL]

ECTO B715 INSECTICIDE

[For applications **outdoors**: (Con't)]

- Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.
- Do not make applications during rain.
- Not for use in outdoor residential misting systems.”
- 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.

[SIDE/BACK PANEL]

ECTO B715 INSECTICIDE - DIRECTIONS FOR USE (CONT'D)

PESTS ON LIVESTOCK: BEEF CATTLE, LACTATING AND NON LACTATING DAIRY CATTLE, SHEEP, GOATS, AND SWINE

NOTE: For Swine allow 5 days between last treatment and slaughter. Retreat as needed, but not more often than every two weeks. Wash udders thoroughly before milking.

PESTS

DILUTIONS FOR USE

HOW TO APPLY

Horn Flies, Face Flies, Stable Flies, House Flies, Lesser House Flies, Horse Flies, Deer Flies, Black Flies, Mosquitoes, Eye Gnats, Blow Flies, Psoroptic (scabies) Mites, Lice, Ticks including Deer Ticks (carrier of Lyme Disease), Sheep Keds.

Mix 1 part concentrate in 400 parts water (1 qt. in 100 gal. or 10 mL in 1 gal.). For severe infestation or for longer residual control, mix 1 part concentrate in 132 parts water (1 qt. in 33 gal. or 4 fl. oz. (120mL) in 1 gal.)

High Pressure Spray:
Spray to thoroughly wet entire animal (1-2 qts. per animal). For lice and mites a second treatment is recommended in 14 days.

Horn Flies, Face Flies, Ear Ticks, and Lice

Mix 7 fl. oz. (210 mL) in 1 gal. water.

Low Pressure Spray:

For flies and lice apply 4-5 fl. oz. (120-150 mL) along midline from face to tail head. For ear ticks, spray directly onto each ear (1/2 fl. oz. per ear).

CONVERSION EQUIVALENTS: 1 fl. oz. = 30 mL = 2 Tablespoons = 6 Teaspoons

PESTS ON POULTRY:

PESTS

DILUTIONS FOR USE

HOW TO APPLY

Chicken Mite, Northern Fowl Mite, Chiggers, Lice and Bed Bugs

Mix 1 part concentrate in 200 parts water (1 qt. in 50 gal. or 19 mL in 1 gal.). For severe infestation or for longer residual control, mix 1 part concentrate in 100 parts water (1 qt. in 25 gal. or 38 mL in 1 gal.).

High Pressure Spray:

Spray 1 gal. of coarse spray per 100 birds paying particular attention to vent area.

CONVERSION EQUIVALENTS: 1 fl. oz. = 30 mL = 2 Tablespoons = 6 Teaspoons

[SIDE/BACK PANEL]

ECTO B715 INSECTICIDE - DIRECTIONS FOR USE (CONT'D)

PESTS ON FARM PREMISES: Barns, Loafing Sheds, Milking Parlors, Feed Lots, Stables, Paddocks, Poultry and Livestock Housing, Animal Hospitals, and Outside Meat Processing Premises. Remove animal prior to treatment for space spraying.

PESTS

House Flies, Stable Flies, Lesser House Flies, other Manure Breeding Flies, Bed Bugs, Chicken Mites, Fleas, Mealworms, Lice, Mites, Ticks including Deer Ticks (carrier of Lyme Disease). Aids in the control of Cockroaches, Ants, Spiders, Mosquitos, Crickets, and Face Flies.

DILUTIONS FOR USE

Mix 1 part concentrate in 100 parts water (1 qt. in 25 gal. or 38 mL in 1 gal.). For severe infestation or for longer residual control, mix 1 part concentrate in 33 parts water (1 qt. in 8-1/3 gal. or 115 mL in 1 gal.). The use of the higher concentration is recommended on painted wood surfaces also.

HOW TO APPLY

Surface Spray:
Spray all surfaces thoroughly with diluted emulsion using 1 gal. per 750-1000 square feet, but do not let runoff occur.

In mist blower or power fogger (non-thermal) mix 1 part concentrate in 20 parts water (1 qt. in 5 gal. or 189 mL in 1 gal.).

Indoor Space Spray:

Apply as fog or fine mist until area is filled with mist, using 2 fl. oz. (60 mL) per 1000 cubic ft. (can be used in Milk Rooms). Remove animals prior to treatment.

Outdoor Space Spray:

Fill area with mist. Apply while the air is still.

CONVERSION EQUIVALENTS: 1 fl. oz. = 30 mL = 2 Tablespoons = 6 Teaspoons

DO NOT APPLY DILUTIONS FOR **PREMISE TREATMENT** DIRECTLY TO LIVESTOCK OR POULTRY. ENSURE THAT FEED AND WATER ARE NOT CONTAMINATED BY SPRAY. FOR **SPACE SPRAYING** DO NOT REAMIN IN TREATED AREAS AND VENTILATE THE AREA BEFORE REOCCUPYING. REMOVE ANIMALS PRIOR TO TREATMENT. THE USE OF ANY RESIDUAL FLY SPRAY SHOULD BE SUPPLEMENTED WITH PROPER MANURE MANAGEMENT AND GENERAL SANITATION TO ELIMINATE FLY BREEDING SITES.

Fleas and Ticks on other outdoor farm premises.

Mix 3 fl. oz. (90 mL) concentrate in 8 gal. water or 11 mL in 1 gal. water.

Outdoor Premise Spray:

Use enough finished spray to penetrate foliage, usually 50-100 gal. per acre. To prevent infestation of buildings, treat a band of vegetation 6-10 feet adjacent to the structure.

[SIDE/BACK PANEL]

ECTO B715 INSECTICIDE - DIRECTIONS FOR USE (CONT'D)

PESTS ON FARM PREMISES (Cont'd): Barns, Loafing Sheds, Milking Parlors, Feed Lots, Stables, Paddocks, Poultry and Livestock Housing, Animal Hospitals, and Outside Meat Processing Premises. Remove animal prior to treatment for space spraying.

PESTS

DILUTIONS FOR USE

Imported Fire Ants

Mix 14 fl. oz. (420 mL) in 1 gal. water

HOW TO APPLY

Sprinkler Can:
Gently sprinkle 1 gal. over the surface of each mound. Thoroughly wet mound and surrounding area to a 4 ft. diameter. For best results, apply in cool weather 65-85° (early morning or late evening). Pressurized sprayers may disturb ants and cause migration reducing product effectiveness.

CONVERSION EQUIVALENTS: 1 fl. oz. = 30 mL = 2 Tablespoons = 6 Teaspoons

PESTS ON HORSES: DO NOT USE ON HORSES INTENDED FOR FOOD USE.

NOTE: Do Not Use On Foals Under 12 Weeks Of Age. Repeat treatment as needed. Do not allow the product to contact horses' eyes or mucus membranes.

PESTS

DILUTIONS FOR USE

Horse Flies, Deer Flies, Stable Flies, House Flies, Horn Flies, Face Flies, Black Flies, Mosquitoes, Eye Gnats, Mange Mites, Lice, and Ticks including Deer Ticks (carrier of Lyme Disease).

Mix 1.5 fl. oz. (45 mL) concentrate in 2 gal. water or 23 mL in 1 gal. water.

HOW TO APPLY

Spray:
Thoroughly wet animal with spray.

Mix 7 fl. oz. (210 mL) concentrate in 3 qts. water or 70 mL in 1 qt. water.

Low Pressure Spray or Wipe On:

Spray or wipe on 1-2 fl. oz. per animal. Pay particular attention to treat back, face, legs, and ears.

[SIDE/BACK PANEL]

ECTO B715 INSECTICIDE - DIRECTIONS FOR USE (CONT'D)

PESTS ON EQUINE PREMISES: Barns, Stables, Paddocks, and Animal Hospitals. Remove animal prior to treatment for space spraying.

PESTS

House Flies, Stable Flies, Lesser House Flies, other Manure Breeding Flies, Bed Bugs, Chicken Mites, Fleas, Mealworms, Lice, Mites, Ticks including Deer Ticks (carrier of Lyme Disease). Aids in the control of Cockroaches, Ant, Spiders, Mosquitos, Crickets, and Face Flies.

DILUTIONS FOR USE

Mix 1 part concentrate in 100 parts water (1 qt. in 25 gal. or 38 mL in 1 gal.). For severe infestation or for longer residual control, mix 1 part concentrate in 33 parts water (1 qt. in 8-1/3 gal. or 115 mL in 1 gal.).

HOW TO APPLY

Surface Spray:
Spray all surfaces thoroughly with diluted emulsion using 1 gal. per 750-1000 square feet, but do not let runoff occur.

In mist blower or power fogger (non-thermal) mix 1 part concentrate in 20 parts water (1 qt. in 5 gal. or 189 mL in 1 gal.).

Indoor Space Spray:

Apply as fog or fine mist until area is filled with mist, using 2 fl. oz. (60 mL) per 1000 cubic ft. Remove animals prior to treatment.

Outdoor Space Spray:

Fill area with mist. Apply while the air is still.

CONVERSION EQUIVALENTS: 1 fl. oz. = 30 mL = 2 Tablespoons = 6 Teaspoons

DO NOT APPLY DILUTIONS FOR **PREMISE TREATMENT** DIRECTLY TO HORSES. ENSURE THAT FEED AND WATER ARE NOT CONTAMINATED BY SPRAY. FOR **SPACE SPRAYING** DO NOT REAMIN IN TREATED AREAS AND VENTILATE THE AREA BEFORE REOCCUPYING. REMOVE ANIMALS PRIOR TO TREATMENT. THE USE OF ANY RESIDUAL FLY SPRAY SHOULD BE SUPPLEMENTED WITH PROPER MANURE MANAGEMENT AND GENERAL SANITATION TO ELIMINATE FLY BREEDING SITES.

[SIDE/BACK PANEL]
ECTO B715 INSECTICIDE
DIRECTIONS FOR USE (CONT'D)

PESTS ON HOME LAWNS, HOUSE PLANTS, TREES & SHRUBS, ROSES & FLOWERS, FRUIT & NUT TREES, VEGETABLES, NUISANCE PESTS IN OUTDOOR AREAS:

Not for use on plants being grown for sale or for other commercial use, or for commercial seed production, or for research purposes.

Step #1: For lawns and vegetables, measure the area to be sprayed. Calculate square feet by multiplying length by width. For all other applications, apply as a thorough cover spray.

Step #2: Use a clean sprayer. Carefully measure and mix the amount of concentrate and water as directed.

Step #3: Spray as directed. Thorough coverage is important. Flush sprayer with clean water after each use. Make applications when insects first appear. Repeat applications as directed. See directions for complete insect list.

Use dilution rates as indicated.

1 fl. oz. = 6 tsp. or 2 tbsp.

8 fl. oz. = ½ pt. or 1 cup

APPLICATION INSTRUCTIONS

HOME LAWNS

	Pests:	How to Use:
Bent, Bermuda, Bluegrass, Dichondra, Fescue, Irish Moss, Merion, St. Augustine	Ants, Armyworms, Brown Dig Ticks, Chinch Bugs, Crickets, Cutworms, Fleas, Grasshoppers, Japanese Beetle Grubs, Mole Crickets, Sod Webworms, Ticks that may carry Lyme Disease, Leafhoppers	Thoroughly wet down grass a few hours before applying. Home lawns should be no taller than 3 inches at time of application. Slightly more water may be used as long as the amount of product per area is as listed below. Do not apply more often than two times per month. Do not treat more often than 10 times per year. For heavy infestations, repeat application after 2 weeks. For ants, crickets and grasshoppers use 2/3 fl. oz. in 3 gal. (4 tsp. in 3 gal.) of water to cover 1,000 sq. ft. For other listed insects, use 2 fl. oz. in 10 gal. (12 tsp. in 10 gal.) of water to cover 1,000 sq. ft.

**ECTO B715 INSECTICIDE
DIRECTIONS FOR USE (CONT'D)**

HOUSEPLANTS

INDOORS: TO PROTECT PLANTS IN RESIDENTIAL GREENHOUSES AND LATHHOUSES AND FOR INDOOR LANDSCAPING:

	Pests:	How to Use:
Ageratum, Ardisia, Aster, Baby's Breath, Begonia, Birds Nests Fern, Bleeding Heart, Carnation, Chrysanthemum, Coleus, Crown of Thoms, Cockscomb, Cyclamen, Dracaena, Dumbcane, English Ivy, Fuchsia, Gladiolus, Grape Ivy, Juniper, Lily, Marigold, Orchid, Palm, Pansy, Peperomia, Petunia, Philodendron, Piggy-Back Plant, Poinsettia, Portulaca, Pothos, Prayer Plant, Purple Passion, Rabbits Foot Fern, Rose, Schefflera, Snapdragon, Snake Plant, Statice, Velvet Plant, Verbena, Zinnia	Aphids, Armyworms, Corn Earworms, Exposed Thrips, Fall Cankerworms, Fungus Gnats, Inchworms, Japanese Beetles, Leafminers, Leafrollers, Mealybugs, Scales, Spider Mites, Spring Cankerworms, Whiteflies	Mix 1/3 fl. oz. in 1 gal. (2 tsp. in 1 gal.) of water. Contact and residual: Use sufficient spray to obtain full coverage of all foliage. If application is to be made indoors, remove infested plants from living areas prior to application. After spraying, plants can be returned to original location. Use with care on ferns, palms, and fuchsia. As with all plants listed above, especially carnations, chrysanthemums, and roses, there exists a wide variety of species and cultivars, and therefore a wide variety of susceptibility to injury. To ascertain possible phytotoxicity, treat a few plants as described above, wait 24 hours, and check for possible injury. Repeat applications (use interval 4 to 8 days) may be necessary to control citrus, and Adult Japanese Beetles, on roses. Do not apply more often than 8 times per growing season.

TREES & SHRUBS

	Pests:	How to Use:
Arizona Cypress, Azalea, Birch, Cherry, Nonbearing Citrus, Conifers, Elm, English Ivy, Euonymus, Weeping Fig, Fir, Honeysuckle, Lilac, Mock Orange, Oak, Palm, Philodendron, Pine, Poinsettia, Tulip Poplar, Rhododendron, Taxus	Aphids, Bagworms, Cicadas, Exposed Thrips, Fall Cankerworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider Mites, Whiteflies, Gypsy Moth, Tent Caterpillar, Japanese Beetles	Use 1/3 fl. oz. in 1 gal. (2 tsp. in 1 gal.) of water. Apply as a thorough spray. Try to penetrate dense foliage. Spray in the late afternoon or evening, when the temperature ranges from 50° to 75°F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary (use intervals of 4-8 days). Do not apply more often than 8 times per year. Application can be made up to the day of collection.
Cherry, Honeysuckle	Fall Webworms	
Conifer	Budworms	
Elm	Elm Leaf Beetles, Elm Spanworms, Fall Webworms	
Douglas and Grand Firs	Tussock Moths	
Nonbearing Citrus	Citrus Black Flies	
Oak	Oak Works	
Pin	Pine Beetles, Pine Moths, Pine Needleminers, Needle Scales	

On Tent Caterpillars, application should be made when caterpillars are young and tents are first noticed. For best results apply in the late afternoon or evening, when caterpillars have returned to their tents. Wet tents with spray on all sides. A few caterpillars may be seen escaping from the tent; they should die within several hours.

**ECTO B715 INSECTICIDE
DIRECTIONS FOR USE (CONT'D)**

ROSES & FLOWERS

	Pests:	How to Use:
Ageratum, Ardisia, Aster, Azalea, Baby's Breath, Begonia, Birds-Nest Fern, Bleeding Heart, Carnation, Chrysanthemum, Coleus, Common Ninebark and Snowberry, Crown of Thorns, Cockscomb, Cyclamen, Dracaena, Dumbcane, English Ivy, Fuchsia, Gladiolus, Grape Ivy, Gold Bells, Hypoestes, Ivy, Juniper, Lilac, Marigold, Orchid, Palm, Pansy, Pea Shrub, Peperomia, Petunia, Philodendron, Piggy-Back Plant, Poinsettia, Portulaca, Pothos, Prayer Plant, Purple Passion, Rabbits Foot Fern, Rhododendron, Rose, Schefflera, Snapdragon, Snake Plant, Statice, Velvet Plant, Verbena, Zinnia	Aphids, Armyworms, Bagworms, Cabbage Worms, Cicadas, Cornworms, Cutworms, Exposed Thrips, Fall Cankerworms, Fall Webworms, Fungus Gnat, Inchworms, Japanese Beetles, Leafminers, Leafrollers, Mealybugs, Scale Crawlers, Spring Cankerworms, Spider Mites, Whiteflies, Japanese Beetles, Rose Chafer, Psyllids, Scale Insects	Use 1/3 fl. oz. in 1 gal. (2 tsp. in 1 gal.) of water. Apply as a thorough spray. Try to hit underside of leaves and penetrate dense foliage. Spray in the late afternoon or evening, when the temperature ranges from 50°F to 75°F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary (use intervals of 4-8 days). Do not treat more often than 12 times per year. Application can be made up to the day of collection.

FRUIT & NUT TREES

Use 2/3 fl. oz. in 1 gal. (4 tsp. in 1 gal.) of water. Apply when insects appear. Wet plants to the dripping point. Try to hit underside of leaves and penetrate dense foliage.

	Pests:	How to Use:
Almonds, Pecans	Navel Orangeworms, Peach Twig Borers	Do Not make more than 2 applications during hull split and 5 applications per season. Can be applied up to 7 days prior to harvest.
Apples	Green Fruitworms, Aphids, Leafrollers (Oblique-Banded, Red Banded), Plum Curculio, Rosy Apple Aphids, Spotted Tentiform, Leafminers, Tarnished Plant Bugs, White Apple Leafhoppers, Japanese Beetles	Repeat as required to maintain control. Do not make more than 3 applications per season. Do not apply after petal fall.
Peaches	Borers (Lesser Peachtree, Peachtree Twig), Green Fruitworms, Plum Curculio, Oriental Fruit Moths, Tarnished Bug Plants	Do not make more than 8 applications per season. Do not apply within 7 days of harvest.
Pears (dormant through delayed dormant)	Pear Psylla	Apply during the dormant through delayed dormant growth period only. Do not make more than 2 applications per season.
Pear (summer)	Codling Moths, Green Fruitworms, Pear Psylla, Aphids	Do not make more than 3 applications per season. Can be applied up to 14 days prior to harvest.

**ECTO B715 INSECTICIDE
DIRECTIONS FOR USE (CONT'D)**

VEGETABLES

	Pests:	How to Use:
Asparagus (pre-harvest)	Asparagus Beetles, Cutworms	Use 1/2 fl. oz. in 1 gal. (3 tsp. in 1 gal.) of water. Apply for uniform coverage as needed. Do not make more than 4 applications per season. Can be applied up to 3 days prior to harvest.
Asparagus (post- harvest)	Larval Stages of Asparagus Beetle, Tarnished Plant Bug, Lygus Bugs, Adult Japanese Beetle	Treat ferns or bust growth after spear harvest when insects are present.
Celery - See Leafy Vegetables		
Cole Crops, Broccoli, Brussels Sprouts, Cabbage, Cauliflower	Beet Armyworms, Cabbage Aphids and Loopers, Diamondback Moths, Imported Cabbageworms	Use 1/3 fl. oz. in 1 gal. (2 tsp. in 1 gal) of water. Apply every 5 days or as needed. Do not make more than 8 applications per season on Cauliflower, Brussels Sprouts, and Broccoli and 10 applications per season on Cabbage. Can be applied up to 1 day prior to harvest.
Corn - See Sweet Corn		
Cucumber, Melons, Pumpkins, Squash	Flea Beetle, Leafhopper	Use 2/3 fl. oz. in 1 gal. (4 tp. In 1 gal.) of water. Apply, as needed, but not more than 8 applications per season. Can be applied up to 3 days prior to harvest.
<i>Cucurbits:</i> Balsam Pear (Bitter Melon), Chinese Wax Gourd (Chinese Preserving Melon), Citron Melon, Cucumber, Gherkin, Edible Gourds, Melons including Hybrids such as Cantaloupe, Casaba, Crenshaw, Honeydew, Honey Balls, Mango Melon, Muskmelon, Persian Melon, Pumpkin, Summer & Winter Squash, Watermelon	Aphids, Cabbage Looper Cucumber Beetle (Adults), Cutworms, Leafhoppers, Leafminers, Melon Worms, Pickeworm, Tarnished Plant Bugs, Squash Bugs	Use 2/3 fl. oz. in 1 gal. (4 tp. In 1 gal.) of water. Apply, as needed, but not more than 8 applications per season. Can be applied up to day of harvest.
Eggplant	Colorado Potato Beetles, Vegetable Leafminers	Use 1 fl. oz. in 1 gal. (6 tsp. in 1 gal.). Apply as needed but not more than 16 applications per season. Can be applied up to 3 days prior to harvest.
Horseradish (Foliar applications)	Imported Crucifer Weevils	Use 1 fl. oz. in 1 gal (6 tsp. in 1 gal.) of water. Apply as needed. Do not exceed 3 foliar applications per season. Can be applied up to 22 days prior to harvest.
Head Lettuce	Corn Earworms, Beet Armyworms, Loopers (Alfalfa, Cabbage), Tobacco Budworms	Use 2/3 fl. oz. in 1 gal. (4 tsp. in 1 gal.). Apply every 5-10 days as needed. Do not make more than 10 applications per season. Can be applied up to 1 day prior to harvest.

**ECTO B715 INSECTICIDE
DIRECTIONS FOR USE (CONT'D)**

VEGETABLES (CONT'D)

	Pests:	How to Use:
<u>Leafy Vegetables:</u> Amaranth, Arugula, Celery, Celltuce, Chervil, Corn Salad, Chrysanthemum (edible- Leaved and Garland), Cress (Garden and Upland), Dandelion, Dock, Endive, Fennel, Lettuce (Head and Leaf), Okra, Parsley, Purslane (Garden and Winter), Rhubarb, Spinach, Swiss Chard	Alfalfa Looper, Aphids, Beet Armyworm, Cabbage Looper, Corn Earworm, Cutworms, European Corn Borer, Fall Armyworm, Green Clover Worm, Southern Armyworm, Tobacco Budworm, Vegetable Leafminer	Use 2/3 fl. oz. in 1 gal. (4 tsp. in 1 gal.) of water. Apply every 5 to 10 days as needed. Do not make more than 10 applications per season. Can be applied up to 3 days prior to harvest.
Melons - See <i>Curcubits</i>		
Potatoes	Beet Armyworm, Colorado Potato Beetle, Potato Leafhopper, Potato Tuberworm, Cabbage Looper, Cutworms, European Corn Borer, Potato Psyllid, Tarnised Plant Bug	Use 1/2 fl. oz. in 1 gal. (3 tsp. in 1gal.) of water. Apply as needed. Do not make more than 12 applications per season. Can be applied up to 7 days prior to harvest.
Peppers	Vegetable Leafminers, Cabbage Looper, Flea Beetle, Corn Earworm, Pepper Weevil, European Corn Borer	Use 2/3 fl. oz. in 1 gal. (4 tsp. in 1 gal.) of water. Apply as needed but not more than 8 applications per season. Can be applied up to 3 days prior to harvest.
Strawberries, Raspberries, Blueberries	Strawberry Weevils, Aphids, Spider Mites, Lygus Bugs, Flea Beetles, Omnivorous Leaf-tier, Spittlebugs, Japanese Beetles, Field Crickets, Red Spider, Leafrollers, Weevils	Use 2/3 fl. oz. in 1 gal. (4 tsp. in 1 gal.) of water. Make no more than 8 foliar applications per growing season. Allow 14 days between last application and harvest.
Sweet Corn	Armyworms (Fall and Southern), Corn Earworms, European Corn Borers	Use 1/2 fl. oz. in 1 gal. (3 tsp. in 1 gal.) of water. Apply for uniform coverage when needed but not more than 6 applications per season. Can be applied up to date of harvest.
Tomatoes	Beet and Southern Armyworm, Tomato Pinworm, Tomato Fruitworm, Horn Worms, Granulate Cutworms, Colorado Potato Beetle, Cabbage Looper	Use 2/3 fl. oz. in 1 gal. (4 tsp. in 1 gal.) of water. Apply for uniform coverage when needed but not more than 6 applications per season. Can be applied up to date of harvest.

**[SIDE/BACK PANEL]
ECTO B715 INSECTICIDE
DIRECTIONS FOR USE (CONT'D)**

NUISANCE PESTS IN OUTDOOR AREAS

Use 2-1/3 fl. oz. in 1 quart (14 tsp. in 1 quart) of water, treating 400 linear feet with a 6-inch spray band.

OUTSIDE SURFACES OF BUILDING

Use on Ants, Clover Mites, Crickets, Earwigs, Millipedes, Sowbugs (Pillbugs). Use as a spot or crack-and-crevice treatments around potential pest entry points into buildings, when limited to a surface band not to exceed one inch in width. Treat the building foundation to a maximum height of 3 feet where pests are active and may find entrance. Application to eaves, soffits, doors is allowed if they are permanently protected from rainfall. Apply as 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, gutters, or surface waters, in order to control occasional invaders or aggregating pests. Also, product can be applied to eaves, soffits, doors and surfaces that are permanently protected from rainfall. Repeat treatment as needed to maintain effectiveness. Do not treat more often than one time per week. Do not treat more often than 9 times per year.

OTHER OUTDOOR AREAS

Use on Ants, Crickets, Earwigs, Fleas, Ticks (**including ticks that may carry Lyme Disease**) for treatment of localized infestations of these insects in areas where there are weeds or bushy non-crop areas, spray infested areas thoroughly. **For ants** thoroughly wet hills and runways.

To reduce annoyance from **Cluster Flies, Flying Moths, Gnats, House Flies, Mosquitoes**, spray outside surfaces of screens, doors, and window frames or wherever these insects may enter the room if surfaces are permanently protected from rainfall by a covering, overhang, or awning.

Repeat application as infestations occur. Do not treat more often than one time per week. Do not treat more than 9 times per year.

Repeat treatment as needed to maintain effectiveness. Do not apply more often than 1 time per month. Do not treat more than 4 times per year.

For Carpenter Ants, spray around doors and windows and other places where ants may enter or crawl and hide. Also treat cracks and crevices or openings into wall voids or other areas where these ants may be present.

For Carpenter Bees, spray or inject into holes and tunnels already made by the bees with a tank sprayer and spray areas where they are beginning to build tunnels into the wood.

STORAGE AND DISPOSAL

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

Pesticide Storage: KEEP CONTAINER SEALED WHEN NOT IN USE. PROTECT FROM FREEZING. Store upright at room temperature. Avoid exposure to extreme temperatures.

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

Container Handling: Nonrefillable container. Do not reuse empty container. Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or (if allowed by state and local authorities) by burning. If burned, stay out of smoke.

NOTICE OF WARRANTY

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