



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460**

**OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION**

March 24, 2021

John Fournier  
Agent  
Lidan, Inc.  
c/o Acadia Regulatory Consulting, LLC  
331 W. King Rd.  
Ithaca, NY 14850

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 – Label revision to fix typo, addition of letter “a”.  
Product Name: Forticept EP#4  
EPA Registration Number: 92144-5  
Application Date: November 3, 2020  
OPP Submission Number: 1056509

Dear Mr. Fournier:

The U.S. Environmental Protection Agency (EPA) is in receipt of your application for notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Biopesticides and Pollution Prevention Division (BPPD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling submitted with this application has been stamped “Notification” and will be placed in our records. You must submit one (1) copy of the final printed labeling with the modifications.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

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OPP Submission No. 1056509

If you have any questions, please contact James Parker of my team by phone at (703) 306-0469 or via email at [parker.james@epa.gov](mailto:parker.james@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Andrew C. Bryceland". The signature is written in a cursive style with a large initial 'A' and a long horizontal stroke at the end.

Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

**NOTIFICATION**

92144-5

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

03/24/2021

Note to reviewer: language in brackets [] is optional

**MASTER LABEL**

# Forticept™ EP #4

**Alternate Brand Names:** Forticept Ready-To-Use, Forticept RTU, Forticept Garden, Forticept Home & Garden, Forticept Home & Garden Disease Control

A botanical based product to protect against certain fungal and bacterial diseases.

Active ingredient: Thyme oil ..... 0.10 %  
 Other ingredients: ..... 99.9 %  
 Total ..... 100.00 %

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

<b>FIRST AID</b>	
<b>IF SWALLOWED:</b>	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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.
<b>IF ON SKIN OR CLOTHING:</b>	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.
<b>IF INHALED:</b>	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.
<b>IF IN EYES:</b>	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.
Have the product container or label with you when calling a poison control center or doctor, or if going for treatment.	

EPA Registration No. 92144-5

EPA Est. No. 93544-GA-1, 67441-IL-1, 082521-GA-1, 92957-MI-1, 70299-NV-2 , 70299-NV-1

Net Contents: 1 pint, 1 quart, 1 gallon

Lidan, Inc., 30 Wall Street, 8<sup>th</sup> Floor, New York, NY 10005-2205

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Avoid contact with skin, eyes, or clothing. Wear goggles or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

#### **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers should wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves
- Protective eyewear

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### **ENVIRONMENTAL HAZARDS**

For terrestrial uses: Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinseate.

#### **GENERAL INFORMATION**

Forticept™ EP #4 is formulated with thyme oil, a botanical extract. Forticept™ EP #4's proprietary formulation stabilizes the thyme oil, reducing its volatility, improving contact time with plant surfaces, and improving efficacy against target fungal and bacterial pathogens. The product is for bacterial and fungal disease control. It may be used on roses, vegetables, fruits, nuts, flowers, houseplants, foliage, trees, shrubs, lawns, turf, sod and ornamental turf [located in residential landscapes] [located in residential interiorscapes] [located in residential greenhouses]. Forticept™ EP #4 applied to actively growing plants (see DIRECTIONS FOR USE) will reduce or control incidence of bacterial and fungal disease and improve plant health. Plant health benefits often result in greater yields and improved crop quality at harvest, especially when crops are stressed by pathogens or environmental conditions. Use Forticept™ EP #4 as a curative application when disease is evident but preventative application is recommended when conditions favor development of bacterial or fungal disease. Apply prior to disease infestation to protect the growing leaf tissue. See specific information for diseases controlled and use rates on ornamental plants, turf, and edible crops.

[Forticept EP #4 may be applied any time of day, in full sun and high temperatures, without stressing or burning foliage.]

[Forticept EP #4 [This product] can be applied up to and on the day of harvest.]

[Forticept EP #4 can be used on the day of harvest and on all fruits and vegetables used in canning.]

#### **MODE OF ACTION**

The oil extracted from *Thymus* spp. plant material is a powerful antifungal and antibacterial agent. The extract, when applied to growing crops, controls fungal and bacterial disease organisms by membrane disruption. Forticept™ EP #4 is an improved efficacy formulation using a proprietary, patented stabilization technology to reduce the volatility of the the botanical active, increasing contact time with target disease organisms to reduce or control both bacterial and fungal diseases.

#### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

Forticept™ EP #4 is exempt from tolerances and may be applied as directed to any food or non-food crop up to and including the day of harvest at a rate not exceeding 7,200 fl. oz. (7.2 oz. active ingredient) per acre per application.

#### WHEN TO USE

- For best results, treat prior to foliar disease development or at the first sign of foliar disease infection.
- Repeat at 7-day intervals or as needed.
- [Under conditions of high disease pressure,] [When environmental conditions favor rapid disease development (high humidity, excessive rain, extreme moisture condition, etc.), spray more often] [Alternate: shorten the spray interval].

#### BEFORE YOU USE

##### Read and follow these directions when using:

- Do not allow spray to drift from application site.
- [[For Pressurized Hand-Held Sprayer and Spray Trigger Bottle Use Only] - Do not allow spray mixture to stand overnight or for prolonged periods.]

#### [FOR BEST RESULTS]

- [Shake Well Before Use.]
- [Spray to ensure thorough coverage.]
- [Repeat at 7-day intervals or as needed.]
- [Under conditions of high disease pressure,] [When environmental conditions favor rapid disease development (high humidity, excessive rain, extreme moisture condition, etc.), spray more often] [Alternate: shorten the spray interval].

[Specific Application Instructions in four groups as appropriate for the type of sprayer]

**[Pressurized Hand-Held Sprayer and Spray Trigger Bottle] [Forticept EP #4 can be applied in commonly used pressurized hand-held sprayers and spray trigger bottles.]**

#### **HOW TO USE [Alternate statement: APPLICATION INSTRUCTIONS]**

Shake Well Before Use

Keep spray solution agitated during application.

#### **HOW MUCH TO USE**

**[For] Fruits, Vegetables, Nuts [(e. g. Apples/Pears, Broccoli, Carrot, Cherries, Cucurbits, Grapes, Leafy Vegetables, Onions/Garlic, Pepper, Tomato, and Walnuts)]:**

Spray plants to run-off, covering both top and bottom surface of foliage to ensure thorough coverage.

**[For] [Annual and Perennial] Ornamental Plants, Flowers, Flowering Plants, Tropical Foliage, Foliage, Trees and Shrubs:**

Spray plants to run-off, covering both top and bottom surface of foliage to ensure thorough coverage.

**[For] Lawns [, Turf, Sod and Ornamental Turf]:**

Apply at a rate of 1 gallon of spray solution per 1,000 square feet of lawn [or Turf, Sod and Ornamental Turf].

**[HOME and GARDEN] [VEGETABLE[S], FRUIT[S] AND NUT[S] PLANTS:]**

**[Artichoke, Asparagus]**

**Berries** (Blueberry, Blackberry, Raspberry, Loganberry, Huckleberry, Cranberry, Gooseberry, Elderberry, Currant, and other berries)  
**Brassica Leafy Vegetables** (Broccoli, Cabbage, Cauliflower, Brussels Sprouts, Collards, Kale, Mustard Greens, Kohlrabi and other brassica leafy vegetables)  
**Bulb Vegetables** (Onion, Garlic, Shallots and other bulb vegetables)  
**Citrus Fruit** (Orange, Grapefruit, Lemon, Tangerine, Tangelo, Pummelo and other citrus fruit)  
**Cucurbit Vegetables** (Cucumber, Cantaloupe, Melon, Muskmelon, Squash, Watermelon and other cucurbit vegetables)  
**Fruiting Vegetables** (Pepper, Tomato, Eggplant and other fruiting vegetables)  
**Grape, Herbs and Spices, Hop**  
**Leafy Vegetables** (Lettuce, Celery, Spinach, Parsley, Radicchio and other leafy vegetables)  
**Legume Vegetables** (Beans, Green Beans, Snap Beans, Shell Beans, Dry Beans, Garbanzo Beans, Lima Beans, Peas, Chick Peas, Split Peas, Lentils and other legume vegetables)  
**Mango, Mint, Olive, Papaya, Peanuts**  
**Pome Fruit** (Apple, Crabapple, Pear, Quince, Mayhaw and other pome fruit)  
**Root and Tuber Vegetables** (Carrot, Potato, Sweet Potato, Beets, Ginger, Horseradish, Radish, Ginseng, Turnip and other root and tuber vegetables)  
**Stone Fruit** (Apricot, Cherry, Nectarine, Peach, Plum, Prune and other stone fruit)  
**Strawberry, Sweet Corn, Tobacco, Watercress**  
**Tree Nuts** (Almond, Pistachio, Pecan, Walnut, Filberts, Chestnut, Cashew, Beechnut, Butternut and other tree nuts)]

**[[RESIDENTIAL] GREENHOUSE PLANTS:]**

[**Brassica Leafy Vegetables** (Broccoli, Cabbage, Cauliflower, Brussels Sprouts, Collards, Kale, Mustard Greens, Kohlrabi and other brassica leafy vegetables)  
**Bulb Vegetables** (Onion, Garlic, Shallots and other bulb vegetables)  
**Cucurbit Vegetables** (Cucumber, Cantaloupe, Melon, Muskmelon, Squash, Watermelon and other cucurbit vegetables)  
**Fruiting Vegetables** (Pepper, Tomato, Eggplant and other fruiting vegetables)  
**Herbs and Spices**  
**Leafy Vegetables** (Lettuce, Celery, Spinach, Parsley, Radicchio and other leafy vegetables)  
**Root and Tuber Vegetables** (Carrot, Potato, Sweet Potato, Beets, Ginger, Horseradish, Radish, Ginseng, Turnip and other root and tuber vegetables)  
**Strawberry]**

**[ORNAMENTALS, TREES, FOLIAGE, SHRUBS, FLOWERS, FLOWERING PLANTS, TROPICAL PLANTS:]**

[**Roses]**

[Other Ornamentals, Trees, Shrubs, Foliage, Flowers, Flowering Plants, Tropical Plants, including any or all of the plants listed as evaluated for phytotoxicity as shown below:]

**[PLANTS EVALUATED FOR PHYTOTOXICITY]**

**[Annual and Perennial Flowering Plants:]**

Alyssum	Asters	Azalea	Begonia	Calla Lily	
Chrysanthemum		Cyclamen	Dianthus	Dwarf Bee-Balm	
Easter Lily	Garden Phlox	Geraniums	Gerbera	Golden Star	
Hydrangea	Impatiens	Kalanchoe	Linaria	Lisianthus	Lobelia
Marigolds	Orchids	Pansies	Petunia	Poinsettia	Portulaca
Ranunculus	Roses	Salvia spp.	Snapdragons	Stock	
Verbena spp.	Vinca	Violas	Zinnias]		

**[Tropical Foliage:]**

[Aglaonema	Dieffenbachia	<i>Dracaena</i> spp.	English Ivy
Hibiscus	Leatherleaf Fern	Spathiphyllum]	

**[Trees and Shrubs:]**

[Azalea	Boxwood	Crape Myrtle	Dogwood
Gumpo	Azalea	Indian	Japanese Maple
		Hawthorn	
<i>Ligustrum japonicum</i>		Lilac	Loropetalum
Photinia		Rhododendron	<i>Rosaceae</i> spp.
Spirea]			Soft Touch Holly

**[ORNAMENTALS, TREES, FOLIAGE, SHRUBS, FLOWERS, FLOWERING PLANTS, TROPICAL PLANTS:]**

[Optional Statement: Some pesticides can cause phytotoxic effects, ranging from slight burning or browning of leaves to distorted leaves, fruit, flowers or stems. Damage symptoms may vary with the type of plant that has been treated. It is impossible to test all plants for phytotoxicity. To assure that the plants to be treated are not sensitive to the treatment, apply a small amount of the highest application rate of the product to a few leaves or the above ground portion of a plant and check within 3 days for signs of phytotoxicity. Use product according to label directions.]

**DISEASES CONTROLLED [OR SUPPRESSED] [OR PREVENTED] [BY FORTICEPT EP #4] [ON VEGETABLES, FRUITS, NUTS, ORNAMENTAL PLANTS, TREES, SHRUBS, FOLIAGE, FLOWERS, FLOWERING PLANTS, TROPICAL PLANTS] [Alternate: [ON PLANTS] [SITES] ]**

Anthracnose [(*Colletotrichum* spp.)]  
 Bacteria [(*Erwinia* spp., *Pseudomonas* spp., *Xanthomonas* spp.)]  
 Bacterial Leaf Blight [(*Xanthomonas campestris*)]  
 Bacterial Speck [(*Pseudomonas syringae* pv. *tomato*)]  
 Bacterial Spot [(*Xanthomonas* spp.)] - suppression  
 Bean Rust [(*Uromyces appendiculatus*)] - suppression  
 Black Mold [(*Alternaria alternata*)]  
 Black Rot/Black Crown Rot [(*Alternaria* spp.)]  
 Black Spot [of Rose] [(*Diplocarpon rosea*)]  
 Botrytis [(*Botrytis* spp.)]  
 Botrytis Leaf Blight [(*Botrytis squamosa*)]  
 Botrytis Neck Rot [(*Botrytis* spp.)]  
 Downy Mildew [(*Bremia lactucae*, *Peronospora* spp., and *Plasmopara viticola*)] - suppression  
 Early Blight [(*Alternaria solani*)] – suppression  
 Fire Blight [(*Erwinia amylovora*)] – suppression  
 Gray Mold [(*Botrytis cinerea*)]  
 Greasy Spot [(*Mycosphaerella citri*)] - suppression  
 Late Blight [(*Phytophthora infestans*)] – suppression  
 Leaf Spots [(*Alternaria* spp., *Cercospora* spp., *Entomosporium* spp., *Helminthosporium* spp., *Myrothecium* spp., *Septoria* spp.)]

Onion Downy Mildew [(*Peronospora destructor*)]  
Onion Purple Blotch [(*Alternaria porri*)]  
*Phytophthora* spp.  
Pin Rot [(*Alternaria/Xanthomonas* complex)] - suppression  
Powdery Mildew [(*Uncinula necator*, *Erysiphe* spp., *Sphaerotheca* spp., *Oidiopsis taurica*, *Leveillula taurica*, *Podosphaera leucotricha*, *Oidium* spp., *Podosphaera* spp.)]  
Rust [(*Puccinia* spp.)]  
Scab [(*Venturia* spp.)] - suppression  
Sclerotinia Head and Leaf Drop [(*Sclerotinia* spp.)]  
Sour Rot  
Target Spot [(*Corynespora cassiicola*)]  
Walnut Blight [(*Xanthomonas campestris*)]  
White Mold [(*Sclerotinia sclerotiorum*)] – suppression

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[FORTICEPT EP #4] [MAY BE USED ON LAWNS, TURF, SOD AND ORNAMENTAL TURF] [ALTERNATE STATEMENT: WHERE TO USE][ALTERNATE STATEMENT: USE SITE]

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LAWNS [,TURF] [, SOD] [AND ORNAMENTAL TURF]:

Bluegrass, Bentgrass, Bermudagrass, Dichondra, Fescue, Orchardgrass, Annual Bluegrass (*Poa annua*), St. Augustine, Ryegrass, Zoysia, Mixtures and other grasses or ornamental turf.

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DISEASES CONTROLLED [OR SUPPRESSED] [OR PREVENTED] [BY FORTICEPT EP #4] [ON LAWNS] [, SOD] [,TURF] [AND ORNAMENTAL TURF]

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**Lawn [and Turf], Sod] Diseases:**

Brown Patch [(*Rhizoctonia solani*)]  
Dollar Spot [(*Lanzia* spp., *Moellerodiscus* spp., formerly *Sclerotinia homeocarpa*)]  
Powdery Mildew [(*Erysiphe graminis*)]  
Rust [(*Puccinia* spp.)]  
Anthracnose [(*Colletotrichum graminicola*)]  
Red Thread [(*Laetisaria fuciformis*)]  
Fairy Ring [(Various *Basidiomycetes*)]  
Gray Snow Mold, Typhula Blight [(*Typhula* spp.)]  
Pink Snow Mold, Fusarium Patch [(*Microdochium nivale*)]  
Pythium Blight [(*Pythium aphanidermatum*)] [(*Pythium* spp.)]]



## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container only. [Alternate: in an area inaccessible to children] [or Alternate: out of reach of children]. Keep container closed when not in use. Store at room temperature.

### **PESTICIDE DISPOSAL AND CONTAINER HANDLING:**

Nonrefillable container. Do not reuse or refill this container.

#### **If empty:**

Place in trash or offer for recycling, if available.

#### **If partly filled:**

Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

## IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, plant injury, other property damage, as well as other unintended consequences may result because of factors beyond the control of Lidan, Inc. Those factors include, but are not limited to, weather conditions, presence of other materials or the manner of use or application. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Lidan, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements on this label. No agent of Lidan, Inc. is authorized to make any warranties contained herein. To the extent consistent with applicable law, Lidan, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid, or at Lidan, Inc's election, the replacement of product.

[LIDAN, INC LOGO PLACEHOLDER]