

The Contents of This
Container will Cover
Up to 32 Acres.

ENVIREPEL 50TM

For Use on Crops, Plants and Trees

Does Not Persist in the Environment

ACTIVE INGREDIENT:

Garlic Juice	50%
INERT INGREDIENTS*	<u>50%</u>
Total	100%

*Water, Citric Acid and Acetic Acid
Contains 4.15 lbs. of Garlic Juice per Gallon.

Keep Out of Reach of Children

CAUTION

See back panel for additional precautionary statements.

Si usted no lee entiende la etizuela, busque a alguien para que se la explique a usted en detalle.
(If you do not understand this label, find someone to explain it to you in detail.)

Net Contents: 2.5 Gallons

Made in the USA

PRECAUTIONARY STATEMENTS & FIRST AID

CAUTION

Avoid contact with eyes. If in eyes flush with plenty of water.

Personal Protective Work Clothing

Applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes plus socks.

DIRECTIONS FOR USE

AGRICULTURAL USE REQUIREMENTS

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.

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval (REI).

Do not enter or allow workers entry into treated areas during the REI of 12 hours. PPE and work clothing required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls, waterproof gloves and shoes plus socks.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Storage and Disposal

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

Pesticide Storage: The optimal storage temperature is between 35°F and 135°F to prevent product degradation. Do not freeze. Do not store in direct sunlight. Do not use or store near heat, open flame or hot surfaces. Keep out of reach of children or animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly.

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: Triple rinse (or equivalent). The 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.

In the event of a major spill, fire or other emergency, call (619) 737-2918 day or night.

USE RESTRICTIONS

Do not use this product if it cannot be applied according to the use patterns on this label. Do not let spray mixture stand in tank overnight.

SITES

Asparagus: For controlling and repelling Aphids, Mites, Thrips, and Whiteflies.

Avocados: For controlling and repelling Aphids, Mites, Thrips, and Whiteflies.

Bananas: For controlling and repelling Aphids, Mites, Thrips and Whiteflies.

Brassica Crops (Broccoli, Brussels Sprouts, Cabbages, Canola, Cauliflower, Chinese Mustard, Collards, Kale, Kohlrabi, Mustard Greens and Rape): For controlling and repelling Aphids, Beetles, Caterpillars, Cutworms, Loopers, Maggots, Weevils, Whiteflies and Wireworms.

Bulb Vegetables (Garlic, Leek, Onion and Shallot): For controlling and repelling *Armyworms, *Leafminers, Maggots, Thrips, Whiteflies and Wireworms.

Cereal Grains (Barley, Buckwheat, Corn, Millet, Oats, Popcorn, Rye, Wheat and Wild Rice): For controlling and repelling Aphids, Armyworms, Beetles, Borers, Cutworms, Earworms, Grasshoppers, Maggots, Mites, Rootworms, Whitegrubs and Wireworms.

Citrus (Calamondin, Grapefruits, Kumquats, Lemons, Limes, Oranges, Tangelos and Tangerines): For controlling and repelling Aphids, Cutworms, Leafrollers, Mites, Scale, Thrips and Whiteflies.

Coffee: For controlling and repelling Aphids, Mites, Thrips and Whiteflies.

Cotton: For controlling and repelling Aphids, Armyworms, Boll Weevils, Bollworms, Cotton Leafperforator, Cutworms, Fleahoppers, Loopers, Lygus Bugs, Mites, Saltmarsh Caterpillar, Thrips, Webworms and Whiteflies.

Curcubit Crops (Cantaloupe, Casaba Melons, Cucumbers, Gherkins, Gourds, Honeydew Melons, Mango Melons, Muskmelons, Pumpkins, Summer Squash, Watermelons and Winter Squash): For controlling and repelling Aphids, Beetles, Leafhoppers, Leafminers, Loopers, Mites, Pickleworms, Thrips, Whiteflies and Wireworms.

Deciduous Nursery Stocks (Trees, Shrubs and Flowers) and Greenhouse Crops: For controlling and repelling Aphids, *Bagworms, Beetles, Borers, Chafers, Curculios, Cutworms, Leafhoppers, Leafminers, Leafrollers, Maggots, Mealybugs, Mites, Plant Bugs, Sawflies, Scale, Spittlebugs, Thrips, Webworms and Whiteflies.

Forage Crops (Alfalfa, Clovers, Grasses, Timothy and Vetch): For controlling and repelling Aphids, Armyworms, Caterpillars, Cinch Bugs, Cutworms, Fleas, Grasshoppers, Japanese Beetles, Leafhoppers, Lygus Bugs, Mites, Spittlebugs, Thrips, Webworms, Weevils and Whiteflies.

Fruiting Vegetables (Bell Peppers, Chile Peppers, Cooking Peppers, Eggplant, Ground Cherry, Pepinos, Pimentos, Sweet Peppers, Tomatillo and Tomatoes): For controlling and repelling Aphids, Beetles, Cutworms, Fruitworms, Hornworms, Leafminers, Loopers, Mealybugs, Mites, Plant Bugs, Whiteflies and Wireworms.

Herbs: For controlling and repelling Aphids, Armyworms, Beetles, Caterpillars, Cutworms, Hornworms, Leafminers, Loopers, Mealybugs, Mites, Plant Bugs, Thrips, Weevils, Whiteflies and Wireworms.

Hops: For controlling and repelling Aphids, Leafhoppers, Mites, Moths and Thrips.

Kiwi: For controlling and repelling Aphids, Japanese Beetles, Loopers, Mealy Bugs, Mites, Thrips and Whiteflies.

Leafy Vegetables (Celery, Cress, Endive, Fennel, Lettuce, Orach, Spinach and Swiss Chard): For controlling and repelling Aphids, *Earworms, Grasshoppers, Leafhoppers, Leafminers, Loopers, Sowbugs, Webworms, Whiteflies and Wireworms.

Legume Vegetables (Beans including *Lupinus spp.*, *Phaseolus spp.* and *Vigna spp.*, Broad Beans, Chick Peas, Guar, Jackbean, Lablab Beans, Lentils, Peas and Soybeans): For controlling and repelling Aphids, *Beetles, Borers, *Curculios, Cutworms, Earworms, Leafhoppers, Leafrollers, Loopers, Lygus Bugs, Maggots, Mites, Plant Bugs, Thrips, Whiteflies and Wireworms.

Nut Trees (Almonds, Beech Nut, Brazil Nuts, Butternut, Chestnuts, Chinquapin, Filberts, Hickory Nuts, Macadamia Nuts, Pecans, Pistachios and Walnuts): For controlling and repelling Aphids, Beetles, Borers, Bud Moths, Carpenterworms, Casebearers, Catocalas, Curculios, Mites, Gall Wasps, Leafminers, Phylloxera, Plant Bugs, Sawflies, Scale, Shuckworms, Spittlebugs, Twig Girdlers, Walnut Caterpillars, Webworms, Weevils and Whiteflies.

Ornamentals (Flowers, Shrubs and Trees): For controlling and repelling Aphids, Bagworms, Beetles, Borers, Chafers, Curculios, Cutworms, Mites, Leafhoppers, Leafminers, Leafrollers, Maggots, Mealybugs, Plant Bugs, Sawflies, Scale, Spittlebugs, Thrips, Webworms and Whiteflies.

Peanuts: For controlling and repelling Aphids, Armyworms, Beetles, Cutworms, Earworms, Leafhoppers, Mites, Rootworms, Thrips and Whiteflies.

Pineapples: For controlling and repelling Aphids, Mites, Thrips and Whiteflies.

Pome Fruit Trees (Apple, Crabapples, Mayhaws, Pears and Quince): For controlling and repelling Aphids, *Appleworms, Casebearers, Codling Moths, Curculios, Leafhoppers, Leafminers, Leafrollers, Maggots, Mealy Bugs, Mites, Plant Bugs, Psylla, Sawflies, Scale and Whiteflies.

Root and Tuber Vegetables (Artichokes, Beets, Burdock, Carrots, Cassava, Chicory, Ginger, Ginseng, Horseradish, Parsley, Parsnip, Potatoes, Radish, Rutabaga, Salsify, Sweet Potatoes, Turnips and Yams): For controlling and repelling Armyworms, Beetles, Chinch Bugs, Grasshoppers, Leafhoppers, Leafminers, Mites, Plant Bugs, Phyllids, Rust Flies, Slugs, Symphylans, Thrips, Tuberworms, Weevils, Whiteflies, White grubs and Wireworms.

Small Fruits and Berries (Blackberries, Blueberries, Boysenberries, Cranberries, Currants, Dewberries, Elderberries, Gooseberries, Grapes, Huckleberries, Olallie Berries, Raspberries, Strawberries and Youngberries): For controlling and repelling Aphids, Beetles, Borers, Cambium Miners, Chafers, Curculios, Cutworms, Earwigs, Fruitworms, Grubs, Leafminers, Leafhoppers, Leafrollers, Maggots, Mealybugs, Mites, Phylloxera, Plant Bugs, Rootworms, Sawflies, Scale, Slugs, Spittlebugs, Stem Girdlers, Thrips, Tree Crickets, Tortrix, Weevils, Whiteflies, Whitegrubs and Wireworms.

Stone Fruit Trees (Apricots, Nectarines, Peaches, Plums and Sweet and Sour Cherries): For controlling and repelling Aphids, Beetles, Borers, Fruit Flies, Fruit Moths, Leafminers, Leafrollers, Mites, Weevils and Whiteflies.

Tobacco: For controlling and repelling Aphids, Armyworms, Budworms, Mites, Moths, Thrips and Whiteflies.

MIXING DIRECTIONS: Shake container well or stir contents thoroughly before adding **Envirepel 50** to the spray tank. Spray tank pH level must be adjusted to a maximum of 6.0 before adding **Envirepel 50** to the spray tank. Optimum pH range for tank mix before mixing **Envirepel 50** is 5.5 to 6.0. Recommended buffering agents are citric acid, acetic acid, phosphoric acid or aliphatic polycarboxylate-type materials. Do not buffer with propionic acid or similar products that affect biologically active products. After mixing, agitate spray tank mix before and during application to prevent settling of product.

TANK MIXING WITH OTHER PRODUCTS: Mix a solution of **Envirepel 50** with the products to be tank mixed at their recommended label rates in a glass container to determine if there is any separation. It is strongly recommended to try a small test plot if new combinations of products are being used for the first time.

APPLICATION TIMING AND PEST PRESSURE: When using **Envirepel 50** the optimum pest pressure to start application is 0% to 5%. If tank mixing **Envirepel 50** with other pesticides, use the recommended label rates of the other pesticides until exact tank mixed product performance is determined. Repeat application timing should be between 8 to 14 days, and determined by field scouting reports of pest pressure, plant nutrition and temperature. Do not make more than 20 applications of **Envirepel 50** per each growing season. Do not apply **Envirepel 50** within 12 hours of crop harvest.

SPRAY TEMPERATURE: The optimum temperature range to apply **Envirepel 50** is between 70°F (21°C) and 90°F (32.2°C). Minimum recommended application temperature is 50°F (10°C). Maximum recommended application temperature is 100°F (37.7°C). For applications above 100°F (37.7°C) higher application spray rates (more than 40 gallons per acre) are recommended after there has been a minimum of a 15°F drop in air temperature from maximum daytime temperature.

SPRAY ADJUVANTS: **Envirepel 50** should not be used with dormant spray oils, heavy oils, spreader-stickers or surfactants that will coat the surface of the plant foliage and prevent absorption of the product. Silicone based or non-ionic surfactants are strongly recommended to increase product coverage and absorption. If **Envirepel 50** is not rapidly absorbed by the foliage it will not be effective.

APPLICATION RATES: **Envirepel 50** is designed to be used from 10 to 32 ounces [0.32 to 0.78 lb. of Garlic Juice] per acre. **Tank Mix Application Rates:** By Air: 3 to 15 gallons per acre; By Ground Rig: 3 to 135 gallons per acre. [**California Tank Mix Application Rates:** Apply at 3 to 135 gallons per acre for row, field, vine and orchard crops.] Do not spray to the point of runoff! Spray tank pH level must be adjusted to a maximum of 6.0 prior to adding any chemicals. Greenhouse applications using overhead watering systems should use one pint to one quart [in California, one pint] of **Envirepel 50** per 100 gallons of buffered water applied.

APPLICATION METHODS: **Envirepel 50** can be applied using conventional application equipment, with little or no change to the operation of the equipment. Aerial or ground rigs are the preferred methods. **Do not apply this product through any type of irrigation system.**

POLLINATION WARNING: MAY REPEL BEES: **Envirepel 20** is an insect repellent and may repel bees. Do not apply **Envirepel 50** less than three days prior to pollination.

RAIN TIMING: Do not apply if rain is forecasted or overhead water is to occur within 12 hours.

CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire *Directions for Use* and the *Conditions of Sale and Warranty* before using this product. If the terms are not acceptable, return the unopened product container at once. The *Directions for Use* are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of Cal Crop USA II or the Seller. All such risks shall be assumed by the Buyer.

Cal Crop USA II warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the *Directions for Use* subject to the inherent risks referred to above. **Cal Crop USA II** makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall **Cal Crop USA II** or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. **Cal Crop USA II** and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing *Conditions of Sale and Warranty*, which may be varied only by agreement in writing and signed by a duly authorized representative of **Cal Crop USA II, LLC**.

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Envirepel 50 is a Trademark of Cal Crop USA II, L.L.C.