

GAMMA-MEAN 400

RESTRICTED USE PESTICIDE

The use of this product may be hazardous to your health. This product contains Lindane, which has been determined to cause tumors in laboratory animals. Risks can be reduced by closely following the use directions and precautions, and by wearing the protective clothing specified elsewhere on this label. For retail sale to and use only by Certified Applicators or person under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

ACTIVE INGREDIENT:

Lindane (Gamma Isomer of Benzene Hexachloride) 40%

INERT INGREDIENTS 60%

TOTAL 100%

Contains petroleum distillates

ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE LABEL ARE TO BE FOLLOWED

KEEP OUT OF REACH OF CHILDREN

WARNING AVISO

PRECAUTIONAL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada completamente

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by sticking back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove a victim to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing, and wash affected areas with plenty of soap and water. Get medical attention.

IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.

GAMMA-MEAN 400

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

WARNING

Causes (moderate) eye injury (irritation). Do not get in eyes, on skin, or on clothing. May be fatal if swallowed or absorbed through skin. Do not breathe vapor or spray mist. Use waterproof gloves, face shield or goggles, and protective clothing when handling. See also the specific uses for additional directions for protective clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse. Do not use on humans or household pets. Avoid exposure to children. Do not allow children to handle or apply this product. Do not allow children and pets in treated areas until surfaces are dry. For foliar application to agricultural crops whose culture involves hand labor there is a 24 hour re-entry period (see Re-entry Statement). Do not apply to food or forage nor to crops to be fed to dairy animals. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, birds, and other wildlife. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water when disposing of equipment wash water.

This pesticide is highly toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry place. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GAMMA-MEAN 400

OREGON-CALIFORNIA CHEMICALS, INC.

2964 MEADOWVIEW ROAD

JUNCTION CITY, OREGON 97130

(503) 325-4433

EPA Reg. No. 225-225-0

RE-ENTRY STATEMENT

For foliar application to agricultural crops whose culture involves hand labor, do not enter treated areas without protective clothing until 24 hours after application. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Protective clothing means, at least, a hat or other suitable head covering, a long-sleeved shirt and long-legged trousers or a coverall type garment (all of closely woven fabric covering the body, including arms and legs), socks, and shoes.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must include the following information: 'WARNING. This area has been treated with Lindane. Do not enter without appropriate protective clothing. If accidentally exposed, remove contaminated clothing and wash the affected areas.' When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is a reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: 'WARNING. Area treated with Lindane on (date of application). Do not allow re-entry into treated areas until 24 hours after application unless appropriate protective clothing is worn. If accidentally exposed, remove contaminated clothing and wash the affected areas.'

DIRECTIONS FOR USE

Use only according to attached label booklet instructions. It is a violation of Federal law to use this product in a manner inconsistent with its label.

Where a dosage range is recommended, use the higher dosage when the weather is conducive to rapid insect growth (warm, humid weather) and when the plants are in full bloom. Either use the entire container at one time, or do not exceed recommended rate; or after spraying partially used container, mix thoroughly before use.

Apply in sufficient volume of water to provide good coverage with suitable equipment; either directed spray or broadcast spray. Actual application of Lindane is prohibited.

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Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 225-225-0

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ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE LABEL, ARE TO BE FOLLOWED.

SEED TREATMENT

Never use either container at one time, but do not exceed recommended rates, or, after storing partially used container, "mix thoroughly before use. Do not combine water suspensions, wettable powders or emulsifiable concentrates unless previous analyses assure compatibility.

This product is to be used in liquid or slurry treatment, or on the farm planter box treatment.

Treated seed or seed screenings must not be used for or mixed with food or animal feed, or processed for oil. Seed commercially treated with GARDAL-MERAN 400 must be labeled in accordance with all applicable requirements of Federal Seed Act.

WARNING: Applications who apply this product manually or without the use of closed system treatment procedure must wear the following protective clothing during the application process: long-sleeved shirt, long pants, gloves, and a disposable paper dust mask which covers at least one-third of the face. This product should be applied only in a well-ventilated area.

In order that residues on food and forage crops will not exceed established tolerances, use only at recommended rates.

This product will protect seeds and seedlings against damage from Southern beetle, seed corn weevil, White grub, Wireworm.

PER
OF SEED DOSAGE RATE
FOR 100 LBS
SEED

Corn	4.0 fl. oz.
Rye	2.5 fl. oz.
Wheat, Oats, Barley, Rye Cranberry, Winterwheat,	1.0 fl. oz.
Cantaloupes	3.6 fl. oz.
Cabernets, Cauldrons, Broccoli,	
Brussels-Sprouts	3.6 fl. oz.
Carrots, Onions	2.5 fl. oz.
Sugar Beets, Beets	8.0 fl. oz.
Beets	1.0 fl. oz.
Soybeans	1.0 fl. oz.
Seedlings	2.0 fl. oz.
Cornucopia	
Acid Defatted or Regained	4.0 fl. oz.
Peanut Nut Defatted	5.5 fl. oz.
Leathes	2.0 fl. oz.
Safflower	1.0 fl. oz.
Rudolphi	1.0 fl. oz.
Solan Grass	1.0 fl. oz.

NOTE: The purchaser of this product is responsible for labeling that all seed treated with this product are adequately dyed with a suitable color to prevent its accidental use as food for man or food for animals. Refer to 21 CFR, Part 225. Any dye added to treated seed must be cleared for use under 40 CFR, Part 160.1000.

Labels for commercially treated seed should include the following information to the Environmental Hazards statement: "Exposed treated seeds may be hazardous to birds and other wildlife. Diagrams of all areas treated seed and seed packaging by burial away from bodies of water."

DIRECTIONS FOR USE:

Only seed of high germination with good vigor should be treated with GARDAL-MERAN 400. Poor seed may suffer greater injury. Treated seed not over 6 weeks before planting. Store treated seed in a dry place until planted so that excess moisture will evaporate. If seed is stored when wet, heat may develop which could impair germination.

The common methods of treating seed are slurry and planter box. For slurry treatment, apply in a slurry-type treatment specifically designed and approved for that purpose or apply by hand in any suitable mixing equipment, such as home-made rotary drums. For planter box method, fill the box only half full of seed and half the required amount of Lardine and mix thoroughly with a stick. Then add the remainder of the seed to the box and add the rest of the required amount of GARDAL-MERAN 400 to the seed, again mixing thoroughly.

Treated seed or seed screenings must not be used for or mixed with food or animal feed, or processed for oil. Treat only those seeds needed for immediate use, subsiding the interval between treatment and planting. Do not store excess treated seeds beyond planting.

Exposed treated seeds may be hazardous to birds and other wildlife. Diagrams of all areas treated seeds by burial away from bodies of water

ORNAMENTALS

POLLAR APPENDAGES: Asia (In. Acrobasis subsp., Argentina subsp., Boreby subsp., Carpenter subsp., Craig subsp., Field subsp., Harwood subsp., Lead-casting subsp., Little beetle subsp., Parnassus subsp., Parnassus subsp., Sugar subsp.), Australia subsp., Cactaceae subsp. (In. American cactaceae, Adams cactaceae, Australian cactaceae, Brown cactaceae, Brown-banded cactaceae, Field cactaceae, German cactaceae, Oriental cactaceae, Baby Brown cactaceae, Wood ranch), Litchies (including Male cactaceae), Cactaceae, Ely subsp. (Parnassus), Parnassus, Lead-casting, Othello subsp. (Parnassus), Spitzbergen, Sed subsp., Spiders, Symphyla, Ticks, Thrips, White Grubs, Wrenwren.

WARNING: Keep children and pets off treated areas until material has been washed into the soil and the grass is completely dried. Recreational areas such as, parks and athletic fields, must be posted when treated. Posted notice should say: 'PLEASE STAY OFF GRASS UNTIL DRY - INSECTICIDE TREATMENT.'

● ORNAMENTAL PLANTS & TREES

Hawthorn, Heather, Hemlock, Hibiscus, Holly,
Horse chestnut, Hydrangea, Iris, Japanese Weir
plum, Juniper, Larkspur, Lilac, Lily, Linden,
Locust, Maple, Mountain ash, Narcissus,

[illegible]

**POLLAR APPLICATION: Lbs. water, 70g
1000000**

BAKE APPLICATIONS: Pies with apples, Doughs for breads, Mashed plus breads, Western plus breads, Twisted chocolate breads, Campfirecrusts, Eels breads, Pies root other meats, Whole plus meats, Sugar maple breads, But breads, But beyond 1 breads.

BARK APPLICATION: *Lib:* beetles, *Drepan* beetles, *Leiod* beetles, *Wesling* insects, *Rematodont* beetles, *Zinnia* grasshopper, *Hemiptera* beetles, *Red* *unipennis* beetles, *Blattellidae* beetles, *Rematodont* *Aspid* beetles.

BARK	APPLICATION:	Cryogenization,
Dried bark	bark, layered	ash
Sandwood	Pinus	wed
Sandwood	wed bark	Pine
epidemic leaves.		

2013 APPLICATION: Again, Bob Ste,
European corn beetle, life below, Thelpe,
Thelpe.

SOIL TREATMENT: Indag larva, Webster, Whetzel, Coker.

WARNING: This material is toxic to many plants. Use should be made cautiously with the nature of phytoxicity is determined. Do not use on beds or areas.

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FOLIAR AFFLICTIONS: Apple (leafy twig) Barkens with aphids and phloem saplings) Black leafhoppers, Elm bark beetles, European hornbeetle, Larch bagworm, Pyralids, Spittlebugs, Strawberry root weevils (adults), Thrips.

Use 1 1/2 pints per acre in sufficient water for thorough coverage. Apply in spring when buds

begin to hatch. Repeat in 10 to 14 days. For
Aphids, apply when present in summer and fall.

Austrian Pine.

BARK APPLICATION: Pine bark adelgid.

Use 100 gallons to 200 gallons of water. Apply when
immature adelgids are present.

SOIL TREATMENT: Bollworm larvae, Webworms,
Whiteworms, Cutworms.

Use 1 gallon per acre, apply in sufficient water for
thorough coverage. Spray directly on soil, then
disperse as soon as practicable to give thorough
distribution in upper 4 to 6 inches of soil.

WARNING: This material is toxic to many plants.
Use should be made cautiously until the matter of
phytotoxicity is determined. Do not use on birch
aspens.

WARNING: Applicators must wear water
resistant hat, lightweight protective suit or
coveralls, unlined waterproof gloves (natural
rubber, neoprene, or polyethylene), and unlined
lightweight boots. Mixer/loaders must wear
goggles or a face shield, waterproof apron, and
unlined waterproof gloves.

ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE LABEL ARE TO BE FOLLOWED.

FRUITS

WARNING: Lindane may cause off-flavor and odor in certain edible crops. Do not apply to any crop not listed in this booklet.

FOLIAR APPLICATIONS:

● APPLES

FOLIAR APPLICATION: Aphids, "The leaf" m., Grand-apples, Lygus bugs, Thrips.

Use 1/2 pint in 100 gallons of water, apply in sufficient water for thorough coverage. It may be used as late as petal fall for control of rosy aphid. Do not apply more than 7 pints per acre. Do not apply within 60 days of harvest.

● CHERRIES

FOLIAR APPLICATION: Aphids, Flea beetles, Plum curculionids, Thrips.

Use 1/4 pint in 100 gallons of water, apply in sufficient water for thorough coverage. It may be used as late as petal fall for control of rosy aphid. Do not apply more than 2 pints per acre. Do not apply to foliage or fruit after fruit starts to form. Do not apply within 60 days of harvest.

● GRAPES

FOLIAR APPLICATION: Grape phylloxera (leaf form only).

Use 1 quart per acre, apply in sufficient water for thorough coverage. Do not use later than one month after bloom.

● PEACH

FOLIAR APPLICATION: Aphids, Leafrollers, Plum curculionids, Thrips.

Use 1/2 pint in 100 gallons of water, apply in sufficient water for thorough coverage. Do not apply more than 1 1/4 pints per acre. Do not apply later than 7 days after shock split. Do not use within 60 days of harvest.

● PEARS

FOLIAR APPLICATION: Aphids, Flea beetles, Plum curculionids, Thrips.

Use 1/2 pint in 100 gallons of water. Apply in sufficient water for thorough coverage. Do not apply more than 1 1/4 pints per acre. Do not use within 60 days of harvest.

FOLIAR APPLICATION: Pear psylla (except California)

Use 1 pint in 100 gallons of water, apply in sufficient water for thorough coverage. Do not apply more than 4 pints per acre. Do not use within 60 days of harvest.

● PLUMS

FOLIAR APPLICATION: Aphids, Leafrollers, Plum curculionids, Thrips.

Use 1/2 pint in 100 gallons of water, apply in sufficient water for thorough coverage. Do not use more than 3 pints per acre. Do not use within 60 days of harvest.

● PRUNES

FOLIAR APPLICATION: Aphids.

Use 1/2 pint in 100 gallons of water. Apply in sufficient water for thorough coverage. Do not use more than 1 1/4 pints per acre. Do not use within 60 days of harvest.

● STRAWBERRIES

FOLIAR APPLICATION: Spittlebugs, Weevils.

Use 1/8 pint per acre, apply in sufficient water for thorough coverage. Apply in the spring when first leaves appear. Repeat at 5 to 10 day intervals. **DO NOT APPLY AFTER FRUIT STARTS TO FORM.**

BARK APPLICATIONS

● APPLES, CHERRIES, PEACHES, PEARS, PLUMS

BARK APPLICATION: Fintheaded apple-tree borer, Peachtree borer, Roundheaded apple-tree borer, Sheath-borer.

Use 1 1/2 pints in 100 gallons of water. Apply to bark of tree and large limbs in spring. First application should be made between July 10 and 15 followed by 2 subsequent applications at 21 to 28 day intervals. Apply to trunk, crotch to ground. Soak bark to the point of runoff. Do not apply within 60 days of harvest.

For Roundheaded apple-tree borer, apply at the beginning of the larval stage or during the pupal stage at both of which times the pest are located just under the bark. Consult your State Agricultural Extension Service to determine the life cycle of the borer to be controlled. For Fintheaded apple-tree borer, apply as soon as symptoms are first observed. The symptoms can include a damp spot on the bark at the point of early infestation, developing until the sap drips from the spot; discoloration of bark overlying the tunnel; feces at the entrance to or just below the tunnel. If treated areas have not dried within 7 to 10 days, treatment should be repeated.

● PEACHES

BARK APPLICATION: Peachtree borer.

Use 1 1/4 pints in 100 gallons of water for bark application. Apply to trunk and lower branches from crotch to ground. Do not apply to fruit or foliage. Apply in late spring or early summer. Do not apply within 60 days of harvest.

SOIL APPLICATIONS

● STRAWBERRIES

Catworms, Diabrotica beetles (larvae), Garden symphylans, White grubs, Wireworms.

PREPLANT SOIL APPLICATION: Use 1/2 to 1 pint per acre in sufficient water for thorough coverage. Spray directly on soil, then incorporate as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

SOIL APPLICATION: Apply in fall after last harvest but before October 1. Use 1/4 pint per acre, apply in sufficient water for thorough coverage. Apply as a 10 to 12 inch band over the row.

WARNING

SOIL APPLICATION: Do not make soil application to root crops, which might absorb a musty flavor. Do not apply in soil which will be planted to root crops (except potatoes) within 1 year. Do not use in soil which will be planted to potatoes within 2 years.

WARNING: Applicators must wear water resistant hat, lightweight protective suit or coverall, unlined waterproof gloves (natural rubber, neoprene, or polyethylene), and unlined lightweight boots. Minervators must wear goggles or a face shield, waterproof apron, and unlined waterproof gloves.

ALL APPLICABLE DIRECTIONS, RECOMMENDATIONS, AND PRECAUTIONS ON THIS LABEL ARE TO BE FOLLOWED.

LIVESTOCK BUILDINGS AND PENS

Ants, Bed bug complex, Cockroaches, Flies, Fleas (including Horse fly and Stable fly), Gnats, Midges, Mosquitoes, Silverfishes, Spiders, Ticks

Spray application: Use 1 quart in 100 gallons of water. Residual premise treatment. For crawling insects thoroughly spray all baseboards, cracks, floors, and other places where pest hide, also spray any pest present. For flying insects apply as a coarse spray to walls, ceilings, beams, screens, window frames, partitions, and similar places where pest congregates. Repeat as needed. Applications may be made to interior and exterior surfaces, adjacent fences, and woody foliage. Do not allow livestock to graze treated areas. Do not use in dairy barns or poultry houses. Cover feed and water troughs before spraying or wash thoroughly with a pressure hose before spray deposit dries. Remove animals prior to application.

WARNING: Applicators must wear water resistant hat, lightweight protective suit or coverall, unlined waterproof gloves (natural rubber, neoprene, or polyethylene), and unlined lightweight boots, and an MSHA/OSHA approved respirator. Mixers/loaders must wear goggles or a face shield, waterproof apron, and unlined waterproof gloves.

ALL APPLICABLE DIRECTIONS, RECOMMENDATIONS, AND PRECAUTIONS ON THIS LABEL ARE TO BE FOLLOWED.

BEEF CATTLE

Ticks, Hornflies, Screwworms, Flys on ticks.

Dip 7 and 35 ounces per 100 gallons for dip. Used dip solutions must be disposed of in accordance with the Resource Conservation and Recovery Act (RCRA). If the applicator generates more than 1000 kg (2200 lbs) of used dip solution per month, or more than 1000 kg (2200 lbs) of used dip solution in combination with other hazardous waste, the material must be treated as hazardous waste subject to Subpart C of RCRA. Any user who wishes to treat, store or dispose of hazardous waste must obtain a permit to serve as a hazardous waste facility pursuant to RCRA. Do not apply to dairy cattle. Do not dip animals within 60 days of slaughter, do not apply to animals within 30 days of giving birth to young, nor for at least 3 weeks thereafter. Do not treat nursing animals. Do not apply to calves less than 3 months old. Do not treat animals in cold stormy weather. Do not treat overheated or sick animals. Make sure animals are well watered prior to being dipped to prevent them from drinking the treating dip. Thoroughly stir the treating vat before using. If any separation of emulsion occurs, do not use the dip.

Do not apply to feed forage to be fed or grazed by livestock or poultry; do not contaminate feed or food crops. Do not use on poultry or in poultry houses. Do not use in dairies or on dairy animals.

WARNING: Applicators must wear water resistant hat, lightweight protective suit or coverall, unlined waterproof gloves (natural rubber, neoprene, or polyethylene), and unlined lightweight boots. Mixers/loaders must wear goggles or a face shield, waterproof apron, and unlined waterproof gloves.

ALL APPLICABLE DIRECTIONS, INSTRUCTIONS, AND PRECAUTIONS ON THE LABEL ARE TO BE FOLLOWED.

VEGETABLES

Apply in sufficient volume of water (maximum of 100 gallons per acre) to provide good coverage with available equipment in either other crops or in permanent ground sprays. Good irrigation is required to prevent plant burn. Do not apply through any type of irrigation system.

● ASPARAGUS

FOLIAR APPLICATION: Asparagus beetle, Thrips.

Use 1 pint per acre, apply in sufficient water for thorough coverage. Spray seedlings and post harvest cutting.

➤ BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER

FOLIAR APPLICATION: Aphids, Cabbage loopers, Climbing cutworms, Flea beetles, Imported cabbage worms, Leafminers (including Serpentine leafminers), Plant bugs, Southern cabbage worms, Thrips.

Use 1 pint per acre, apply in sufficient water for thorough coverage. Do not apply after edible parts start to form.

SOIL APPLICATION: Cabbage maggots.

Use 2 pints per acre, apply in sufficient water for thorough coverage. Apply to soil around base of plants.

PREPLANT SOIL APPLICATION: Cutworms, Diabrotica beetles (larvae), White grubs, Wireworms.

Use 1 pint per acre, apply in sufficient water for thorough coverage. Spray directly on soil, then incorporate as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

● CELERY

FOLIAR APPLICATION: Aphids, Caterpillars (including Climbing cutworms), Celery leafhoppers (larvae), Celery loopers (larvae), Cucumber beetles, False celery leafhoppers, Flea beetles, Leafminers, Parsleyworms, Turnished plant bugs, Thrips.

Use 1/2 to 1 pint per acre, apply in sufficient water for thorough coverage. Do not apply when plants are half grown or begin to bunch.

PREPLANT SOIL APPLICATION: Cutworms, Diabrotica beetles (larvae), White grubs, Wireworms.

Use 1/2 to 2 pints per acre, apply in sufficient water for thorough coverage. Spray directly on soil, then incorporate as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil. For garden symphyla, apply the higher dosage for heavy infestation.

● COLLARDS

FOLIAR APPLICATION: Aphids, Cabbage loopers, Climbing cutworms, Flea beetles, Imported cabbage worms, Leafminers (including Serpentine leafminers), Plant bugs, Southern cabbage worms, Thrips. (except Georgia)

Use 1 pint per acre, apply in sufficient water for thorough coverage. Do not apply after edible parts start to form.

PREPLANT SOIL APPLICATION: Cutworms, White grubs, Wireworms.

Use 2 pints per acre, apply in sufficient water for thorough coverage. Spray directly on soil, then incorporate as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

● CUCUMBERS

FOLIAR APPLICATION: Aphids, Climbing cutworms, Cucumber beetles, Grasshoppers, Leafminers, Lygus bugs, Melonworms, Pickleworms, Plant bugs, Squash bugs, Squash vine borers, Thrips.

Use 1/2 to 1 pint per acre, apply in sufficient water for thorough coverage. Apply when plants first break through the ground or when plants are about 1 inch in height. Repeat as needed. For Cucumber beetles and Thrips, apply the low dosage of the range. For Melonworms and Pickleworms, apply when worms are first seen in the blossoms and repeat at 7 day intervals or as needed. For Squash vine borers, thoroughly cover stems and vines at the base of plants.

PREPLANT SOIL APPLICATION: Cutworms, Diabrotica beetles (larvae), White grubs, Wireworms.

Use 1/2 to 2 pints per acre, apply in sufficient water for thorough coverage. Spray directly on soil, then incorporate as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

PREPLANT SOIL APPLICATION: Garden symphyla.

Use 2 to 4 pints per acre, apply in sufficient water for thorough coverage. Spray directly on soil, then incorporate as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil. For heavy infestation apply at higher dosage.

● HOGPLANT

FOLIAR APPLICATION: Aphids, Climbing cutworms, Flea beetles, Leaf bugs, Leafminers, Plant bugs, Squash bugs, Squash vine borers, Thrips.

Use 1/2 to 1 pint per acre, apply in sufficient water for thorough coverage. Do not spray after edible parts start to form.

● KALE

FOLIAR APPLICATION: Aphids, Cabbage loopers, Climbing cutworms, Flea beetles, Imported cabbage worms, Leafminers (including Serpentine leafminers), Plant bugs, Southern cabbage worms, Thrips. (except Georgia)

Use 1 pint per acre, apply in sufficient water for thorough coverage. Do not spray after edible parts start to form.

PREPLANT SOIL APPLICATION: Cutworms, Diabrotica beetles (larvae), White grubs, Wireworms.

Use 1/2 to 1 pint per acre, apply in sufficient water for thorough coverage. Spray directly on soil, then incorporate as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

PREPLANT SOIL APPLICATION: Garden symphyla.

Use 2 to 4 pints per acre, apply in sufficient water for thorough coverage. Spray directly on soil, then incorporate as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil. For heavy infestation, apply at higher dosage.

● LETTUCE

FOLIAR APPLICATION: Aphids, Cutworms, Flea beetles, Leafminers, Thrips, Wireworms, White flies.

Use 1/2 to 1 pint per acre, apply in sufficient water for thorough coverage. Do not apply to leaf lettuce after seedling stage or to head lettuce after heads begin to form.

PREPLANT SOIL APPLICATION: Cutworms, Diabrotica beetles (larvae), White grubs, Wireworms.

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give thorough distribution in upper 4 to 6 inches of soil.

PREPLANT SOIL APPLICATION: Garden symphylans.

Use 2 to 4 pints per acre, apply in sufficient water for thorough coverage. Spray directly on soil, then incorporate as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil. For heavy infestation apply at higher dosage.

● MELONS

FOLIAR APPLICATION: Aphids, Climbing cutworms, Cucumber beetles, Garden symphylans, Grasshoppers, Leafhoppers, Lygus bugs, Melonworms, Pickleworms, Plant bugs, Squash bugs, Squash vine beetles, Thrips.

Use 1/2 to 1 pint per acre, apply in sufficient water for thorough coverage. Apply when plants first break through the ground or when plants are about 1 inch in height. Repeat as needed. For Cucumber beetles and Thrips, apply the lower dosage of the range. For Melonworms and Pickleworms, apply when worms are first seen in the blossoms and repeat at 7 day intervals or as needed. Do not apply after blossoms open. Late foliar treatment may result in reduction of quality at harvest. For Squash vine beetles, thoroughly cover stems and vines at the base of plants.

PREPLANT SOIL APPLICATION: Cutworms, Diabrotica beetles (larvae), White grubs, Wireworms.

Use 2 to 4 pints per acre, apply in sufficient water for thorough coverage. Spray directly on soil, then incorporate as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

● OKRA

PREPLANT SOIL APPLICATION: Cutworms, White grubs, Wireworms.

Use 2 pints per acre, apply in sufficient water for thorough coverage. Spray directly on soil, then incorporate as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

● ONIONS, DRY

FOLIAR APPLICATION: Thrips.

Use 1/2 to 1 pint per acre, apply in sufficient water for thorough coverage. Apply when pest count averages 5 to 6 per plant. Repeat in 5 to 6 days. A third application may be needed.

SOIL APPLICATION: Onion maggot.

Use 2 pints per acre, apply in sufficient water for thorough coverage. Apply as a preplant (its direction under OKRA) or at planting time or when plants are 2 to 3 inches tall.

● PEPPERS

FOLIAR APPLICATION: Aphids, Armyworms, Climbing cutworms, Cucumber beetles, Flea beetles, Leafhoppers, Thrips.

Use 1/2 to 1 pint per acre, apply in sufficient water for thorough coverage. Do not spray after edible parts start to form. For Armyworms apply at higher dosage.

PREPLANT SOIL APPLICATION: Cutworms, White grubs, Wireworms.

Use 2 pints per acre, apply in sufficient water for thorough coverage. Spray directly on soil, then incorporate as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

● PUMPKIN: See Cucumber.

● SPINACH: See Lettuce.

● SQUASH: See Cucumber.

● TOMATOES

FOLIAR APPLICATION: Aphids, Climbing cutworms, Colorado potato beetles, Cucumber beetles, Flea beetles, Leafhoppers, Plant bugs, Thrips.

Use 1/2 to 1 pint per acre, apply in sufficient water for thorough coverage. Do not spray after fruit starts to form. For Leafhoppers apply at the higher dosage.

PREPLANT SOIL APPLICATION: Cutworms, Diabrotica beetles (larvae), White grubs, Wireworms.

Use 1/2 to 1 pint per acre, apply in sufficient water for thorough coverage. Spray directly on soil, then incorporate as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

PREPLANT SOIL APPLICATION: Garden symphylans.

Use 2 to 4 pints per acre, apply in sufficient water for thorough coverage. Spray directly on soil, then incorporate as soon as practicable to give thorough distribution in upper 4 to 6 inches of soil.

WARNING

SOIL APPLICATION: Do not make soil application to root crops, which might absorb a

starchy flavor. Do not apply in soil which will be planted to root crops (except potatoes) within 1 year. Do not use in soil which will be planted to potatoes within 2 years.

WARNING: Applicators must wear water resistant hat, lightweight protective suit or coverall, unlined waterproof gloves (natural rubber, neoprene, or polyeth, less), and unlined lightweight boots. Minimize dust wear goggles or a face shield, waterproof apron, and unlined waterproof gloves.

CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions, or good application practices, all of which are beyond the control of Oregon-California Chemicals, Inc. or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. Oregon-California Chemicals, Inc. 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 factors noted above which are beyond the control of Oregon-California Chemicals, Inc. Oregon-California Chemicals, Inc. makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose. The exclusive remedy against Oregon-California Chemicals, Inc. for any cause of action relating to the handling by use of this product is a claim of damages and in no event shall damages or any other recovery of any kind against Oregon-California Chemicals, Inc. exceed the price of the product which causes the alleged loss, damage, injury, or other claim. Oregon-California Chemicals, Inc. shall not be liable and any and all claims against Oregon-California Chemicals, Inc. are waived, for special, indirect, incidental, or consequential damages or any cause, of any nature, including, but not limited to, loss of profits, or income, whether or not based on Oregon-California Chemicals, Inc. negligence, breach of warranty, strict liability in tort or any other cause of action. Oregon-California Chemicals, Inc. and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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