

EI-791 Insecticide

ACTIVE INGREDIENT:

Azadirachtin 1.2%

OTHER INGREDIENTS: 98.8%

TOTAL 100.0%

Contains 5.44 grams azadirachtin per pound

KEEP OUT OF REACH OF CHILDREN

CAUTION

See (attached booklet, back/side panel) for additional Precautionary Statements and full Directions for Use.

NET WEIGHT: 8, 10, 12 and 14 Ounces, and 1 Pound

EPA File Symbol 2217-ILT
EPA EST NO 2217-KS-2
MANUFACTURED BY:



Phone 1-800-821-7925
www.pbigordon.com

ACCEPTED
Sep. 24, 2004
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2217-857



READ ENTIRE LABEL BEFORE EACH USE. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear long-sleeved shirt, long pants, socks, shoes and safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

First Aid

If in eyes:	<ul style="list-style-type: none"> • 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.
If on skin or clothing:	<ul style="list-style-type: none"> • 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.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.</p>	

ENVIRONMENTAL HAZARDS:

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or 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 washwaters or rinsate.

DIRECTIONS FOR USE

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

People and pets may re-enter treated areas after sprayed area has dried.

Product Profile	
KILLS INSECTS {BUGS} {PESTS}	<ul style="list-style-type: none"> • Garden Insects {Bugs}{Pests}: Aphids, beetles, caterpillars, leafminers, thrips, weevils, whiteflies and [&] other insects {bugs} {pests} • Lawn Insects {Bugs}{Pests}: Armyworms, cutworms, and [&] sod webwoms • Vegetable, Berries, and Fruit Tree Insects {Bugs}{Pests}: Aphids, caterpillars, Colorado potato beetle, fruit flies, leafminers, and [&] other insects {bugs} {pests} <p><i>[Option to list other pests here that are listed elsewhere on this label.]</i></p>
WHERE TO USE	<ul style="list-style-type: none"> • On shrubs, roses, flowers, bedding plants, foliage plants, trees • On lawns • On vegetables, berries, and fruit trees <p><i>[Option to list other sites here that are listed elsewhere on this label.]</i></p>
<i>[phone icon]</i>	Questions, Comments or Medical Information Call 1-800-xxx-xxxx or visit our website at www.pbigordon.com

HOW IT WORKS:

El-791 Insecticide is a new biochemical insecticide that controls more than 35 insects {bugs}{pests} on shrubs, roses, flowers, bedding plants, foliage plants, vegetables, berries, fruit trees, and in the lawn. It controls insects by inhibiting growth and reduces plant damage by repelling some insects {bugs}{pests} and acting as a feeding deterrent to others.

El-791 Insecticide works on the immature stages of insects {bugs}{pests} either by contact or ingestion of the insecticide. It is important to apply this product before the adult insects {bugs}{pests} are active and cause damage.

El-791 Insecticide kills insects {bugs}{pests} without harming your shrubs, roses, flowers, trees, vegetable, fruit or lawn. Reapply as directed for a more beautiful garden. *El-791 Insecticide* can be used on vegetables, berries, and fruit up to the day of harvest.

Easy to apply with a tank sprayer, hose-end applicator or Ortho® Dial 'N- Spray® Hose-End Sprayer.

WHEN TO APPLY:

Spray--

- When insects {Bugs} {Pests} first appear and are in early stages of growth, or when plant damage is first noticed.
- Before insects {bugs} {pests} or their eggs are present in large numbers.
- During early morning or late afternoon when insect activity is the highest.

Repeat applications can be made on 7-10 day intervals. Use the 7-day application schedule for more severe insect {bug}{pest} infestations.

May be applied on vegetables, berries, and fruit up to the day of harvest.

Advisory Statements:

- Azadirachtin has been evaluated for phytotoxicity on a range of garden plants and ornamentals. However, this product has not been tested on rare or unusual species (varieties). Test for plant tolerance on a small scale (small portion of the area to be treated) before using on a larger scale (entire plant or treated area).
- Avoid spraying open blossoms of flowers, shrubs, and trees.

SHRUBS, ROSES, FLOWERS, BEDDING PLANTS, FOLIAGE PLANTS, TREES & FRUIT TREES	
PLANTS	INSECTS {BUGS} {PESTS} CONTROLLED
SHRUBS, ROSES, FLOWERS, BEDDING PLANTS, & FOLIAGE PLANTS such as Ageratum, Amaranthus, Aster, Azalea, Ferns, Boxwood, Camellia, Carnation, Chrysanthemum, Cotoneaster, Crapemyrtle, Dahlia, Daisy, Euonymus, Ficus (fig), Foliage Plants, Forsythia, Gardenia, Geranium, Gloxinia, Holly, Hydrangea, Impatiens, Iris, Ivy, Jasmine, Lilac, Lily, Marigold, Myrtle, Pachysandra, Pansy, Peony, Phlox, Photinia, Pittosporum, Privet, Pyracantha, Rhododendron, Rose, Snapdragon, Spirea, Tulip, Yew, Zinnia	Beetles, Thrips, Weevils, and Others
TREES such as Arborvitae, Ash, Austrian Pine, Beech, Birch, Blue Spruce, Cedar, Chamaecyparis, Crabapple, Cypress, Dogwood, Fir, Elm, Hackberry, Hemlock, Hickory, Honeylocust, Horsechestnut, Juniper, Larch, Linden, Maple, Oak, Pine, Planetree, Poplar, Spruce, Sycamore, White Cedar, White Pine, Willow	Armyworms, Aphids, Caterpillars, Gypsy Moths, Hornworms, Leafminers, Loopers, Pine Sawflies, Psyllids, Spruce Budworms, Tent Caterpillars, Webworms, Weevils, Whiteflies

FRUIT TREES such as Apple, Apricot, Cherry, Grapefruit, Lemon, Lime, Nectarine, Orange, Peach, Pear, Plum, Quince	Aphids, Beetles, Caterpillars, Fall Webworms, Fruit Flies, Leafhoppers, Leafminers, Leafrollers, Thrips, Weevils
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MIXING INSTRUCTIONS
For Shrubs, Roses, Flowers, Bedding Plants, Foliage Plants, Trees & Fruit Trees

Amount to Use: 6 Tablespoons (Tbs.) per gallon of water.
 Prepare (Mix) only the amount of spray needed to treat the area.
 Apply immediately after mixing.
 May be applied on fruit trees up to the day of harvest

Sprayers:

Tank or pump sprayers: Add 6 Tablespoons (Tbs.) per gallon of water and mix before spraying.

Spray volume or gallons needed :	Amount or rate per gallon of water, Tablespoons (Tbs.)
1 gallon	6 Tbs.
2 gallons	12 Tbs.
3 gallons	18 Tbs.

Hose-end sprayers: Add the amount of product needed to the sprayer jar. Fill jar with water to the correct gallon mark. Attach to sprayer head and thoroughly mix before spraying.

ORTHO® Dial 'N Spray® Hose End Sprayer:

1. Determine the gallons of spray needed (Column 2) or determine the area to be treated in square feet (Column 1) for landscape plantings.
2. Set the dial to 4 oz. (Column 3).
3. Measure (Add) in Tablespoons the amount of product into the sprayer jar needed for the area to be treated. (Column 4).
4. Add water to the sprayer jar as shown in Column 5. Agitate (stir) the mixture to dissolve the product.
5. Attach the sprayer to the garden hose, turn on the water and apply uniformly to the area to be treated.

Area to be Treated, square feet (sq.ft.)	Gallons of Spray Needed	Dial Setting	Amount or Tablespoons (Tbs.)	Water to Add to Sprayer Jar
1,000 sq.ft.	1 gallon	4	6 Tbs	Fill to 4 oz mark on the jar
2,000 sq. ft.	2 gallons	4	12 Tbs	Fill to 8 oz mark on the jar
3,000 sq. ft.	3 gallons	4	18 Tbs	Fill to 16 oz mark on the jar
4,000 sq. ft.	4 gallons	4	24 Tbs.	Fill to 24 oz mark on the jar

Sprayers should be cleaned after use by rinsing and spraying with water.

HOW TO APPLY

for shrubs, roses, flowers, bedding plants, foliage plants, trees, and fruit trees

Spray the entire plant covering both upper and lower leaf surfaces until the spray is dripping from the plants. For best results, make sure the spray penetrates dense foliage of treated plants. Make repeat applications at 7-10 day intervals or as needed.

VEGETABLES AND BERRIES

PLANTS	INSECTS {BUGS} {PESTS} CONTROLLED
CURCURBITS such as Cantaloupe, Cucumber, Gherkin, Gourd, Honeydew Melon, Pumpkin, Squash, Watermelon	Budworms, Fall Armyworms, Leafminers Melonworms, Pickleworms
BULBS AND COLE CROPS such as Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Chinese Spinach, Collard, Endive, Garlic, Kale, Kohlrabi, Lettuce, Mustard Greens, Onion, Parsley, Rhubarb, Shallots, Spinach, Swiss Chard, Turnip Tops	Aphids, Armyworms, Cabbage Loopers, Caterpillars, Cutworms, Diamondback Moth Hornworms, Imported Cabbageworms, Leafminers Thrips, Webworms, Weevils.
LEGUME VEGETABLES such as Beans, Chick Pea, Eggplant, Ground Cherry, Lentils, Pea, Pepper, Tomato	Armyworms, Bean Leaf Beetles, Cabbage Loopers, Caterpillars, Colorado Potato Beetles, Cutworms, Garden Webworms, Hornworms, Leafminers, Loopers, Mexican Bean Beetles, Pepper Weevils, Tomato Fruitworms, Tomato Pinworms, Weevils
ROOT AND TUBER VEGETABLES such as Beets, Carrot, Parsnip, Potato, Radish, Rutabaga, Sweet Potato, Turnip, Yams	Aphids, Armyworms, Cabbage Loopers, Caterpillars, Colorado Potato Beetles, Diamondback Moths, Hornworms, Leafhoppers, Potato Flea Beetles, Webworms
BERRIES such as Blackberry, Blueberry, Boysenberry, Elderberry, Gooseberry, Grape, Huckleberry, Loganberry, Raspberry, Strawberry	Armyworms, Blueberry Leafroller, Caterpillars, Fruit Tree Leafrollers, Grape Berry Moths, Grape Fruitworms, Grape leafrollers, Hornworms, Loopers

MIXING INSTRUCTIONS For Vegetables and Berries

Amount to Use: 3 Tablespoons (Tbs.) per gallon of water to cover 1,000 sq. ft.

Prepare (Mix) only the amount of spray needed to treat the area.

Apply immediately after mixing.

May be applied on vegetables and berries up to the day of harvest

Sprayers

Measure (determine) area to be treated. *{Measurement Icon}*. Calculate square feet by multiplying length times width.

Tank or pump sprayers: Add 3 Tablespoons (Tbs.) per gallon of water to cover 1,000 sq. ft. and mix before spraying.

Spray volume or gallons needed :	Amount or rate per gallon of water, Tablespoons (Tbs.)
1 gallon	3 Tbs.
2 gallons	6 Tbs.
3 gallons	9 Tbs.

Hose-end sprayers: Add the amount of product needed to the sprayer jar. Fill jar with water to the correct gallon mark. Attach to sprayer head and thoroughly mix before spraying.

ORTHO® Dial 'N Spray® Hose End Sprayer:

1. Determine the area to be treated in square feet (Column 1) or determine the gallons of spray needed (Column 2).
2. Set the dial to 4 oz. (Column 3).
3. Measure (Add) in Tablespoons the amount of product into the sprayer jar needed for the area to be treated. (Column 4).
4. Add water to the sprayer jar as shown in Column 5. Agitate (stir) the mixture to dissolve the product.
5. Attach the sprayer to the garden hose, turn on the water and apply uniformly to the area to be treated.

Area to be Treated, square feet (sq.ft.)	Gallons of Spray Needed	Dial Setting	Amount of product Tablespoons (Tbs.)	Water to Add to Sprayer Jar
1,000 sq.ft.	1 gallon	4	3 Tbs	Fill to 4 oz mark on the jar
2,000 sq. ft.	2 gallons	4	6 Tbs	Fill to 8 oz mark on the jar
3,000 sq. ft.	3 gallons	4	9 Tbs	Fill to 16 oz mark on the jar
4,000 sq. ft.	4 gallons	4	12 Tbs.	Fill to 24 oz mark on the jar

Sprayers should be cleaned after use by rinsing and spraying with water.

HOW TO APPLY:

Spray evenly over measured area. Treat entire garden area. Spot treatment may be less effective. For food crops, applications of azadirachtin may be made throughout the growing season including the day of harvest. Make repeat applications at 7-10 day intervals or as needed and do not exceed the specified rates per gallon for vegetables and berries.

LAWNS	
Lawns	INSECTS (BUGS) (PESTS) CONTROLLED
Bahiagrass, Bentgrass, Bermudagrass, Bluegrass, Centipede grass, Fescues, Perennial Ryegrass, St. Augustine grass, and Zoysiagrass	Larvae of Armyworms, Cutworms, and Sod Webworms

**MIXING INSTRUCTIONS
For Lawns**

Amount to Use: 6 Tablespoons (Tbs.) per gallon of water to cover 1,000 sq. ft.
 Prepare (Mix) only the amount of spray needed to treat the lawn area.
 Apply immediately after mixing.

Sprayers:
 Measure (determine) area to be treated. *{Measurement Icon}*. Calculate square feet by multiplying length times width.

Tank or pump sprayers: Add 6 Tablespoons (Tbs.) per gallon of water to cover 1,000 sq. ft. and mix before spraying.

Spray volume or gallons needed :	Amount or rate per gallon of water, Tablespoons (Tbs.)
1 gallon	6 Tbs.
2 gallons	12 Tbs.
3 gallons	18 Tbs.

Hose-end sprayers: Add the amount of product needed to the sprayer jar. Fill jar with water to the correct gallon mark. Attach to sprayer head and thoroughly mix before spraying.

ORTHO® Dial 'N Spray® Hose End Sprayer:

1. Determine the area to be treated in square feet (Column 1) or determine the gallons of spray needed (Column 2).
2. Set the dial to 4 oz. (Column 3).
3. Measure (Add) in Tablespoons the amount of product into the sprayer jar needed for the area to be treated. (Column 4).
4. Add water to the sprayer jar as shown in Column 5. Agitate (stir) the mixture to dissolve the product.
5. Attach the sprayer to the garden hose, turn on the water and apply uniformly to the area to be treated.

Area to be Treated, square feet (sq.ft.)	Gallons of Spray Needed	Dial Setting	Amount of product Tablespoons (Tbs.)	Water to Add to Sprayer Jar
1,000 sq.ft.	1 gallon	4	6 Tbs	Fill to 4 oz mark on the jar
2,000 sq. ft.	2 gallons	4	12 Tbs	Fill to 8 oz mark on the jar
3,000 sq. ft.	3 gallons	4	18 Tbs	Fill to 16 oz mark on the jar
4,000 sq. ft.	4 gallons	4	24 Tbs.	Fill to 24 oz mark on the jar

Sprayers should be cleaned after use by rinsing and spraying with water.

HOW TO APPLY:

Spray evenly over measured area. Treat entire lawn area. Spot treatment may be less effective. Make repeat applications at 7-10 day intervals or as needed.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep in original container.

DISPOSAL:

If empty: Do not reuse container. Place in trash or offer for recycling if available.

If partly filled: Call you local solid waste agency or 1-800-CLEANUP for disposal instructions.
Never place unused product down any indoor or outdoor drain.

Ortho® Dial N Spray® Hose-End Sprayer is a registered trademark of Monsanto Company.

LIMITED WARRANTY AND DISCLAIMER.

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

Appendix

I. Advertising claims that may be used: These claims may be presented on the retail container label or on labeling accompanying the product.

- ◆ For flowers, trees and vegetable gardens
- ◆ Broad spectrum biochemical insecticide.
- ◆ Apply early and at 7 to 10 days interval for best results until insect are no longer present.
- ◆ The contents of this container makes up to XX gallons of spray solution.
- ◆ For use with hose-end or pump-up sprayers.
- ◆ Effective against key pests: aphids, whiteflies, thrips, armyworms, leafhoppers, leafrollers, cutworms, loopers, beetles, weevils, and leafminers.
- ◆ Spray vegetables up to and including the day of harvest.
- ◆ Insect growth regulator, repellent antifeedant.
- ◆ [Icon] OUTDOOR USE ONLY
- ◆ Contains Azadirachtin, an Insect Growth Regulator
- ◆ Soluble Powder Formula
- ◆ Easy to Mix and Use
- ◆ Multi-Purpose Insect Killer
- ◆ Low Odor
- ◆ New Formula
- ◆ Kills [Controls over] [more than] 35 {Common} Insects [Bugs] [Pests] on Shrubs, Roses, Flowers, Bedding Plants, Trees, Vegetables, Berries, Fruit Trees, and {&} Lawns
- ◆ Kills Aphids, Armyworms, Beetles, Caterpillars, Leafminers, Thrips, Weevils, Whiteflies and [&] More {reference insects on label}
- ◆ On [For] [For use on] Shrubs, Roses, Flowers, Bedding Plants, Trees, Vegetables, Berries, Fruit Trees, and [&] Lawns
- ◆ Use in [on] Vegetable Gardens and on Fruit Trees
- ◆ Broad Spectrum - Kills over 35 Insects [Bugs] [Pests]
- ◆ New Biochemical Insecticide {With Azadirachtin}
- ◆ Inhibits Insect Growth and Development
- ◆ Use {Spray} on Vegetables, Berries, and Fruit up to Day of Harvest
- ◆ Apply with Tank Sprayers or Hose-end Applicators
- ◆ Easy to Use

Approximate dry measures for this product:

Weight Measure	Volume Measure
Ounces	Tablespoons (TBS)
2 ounces	4 TBS
4 ounces	8 TBS
6 ounces	12 TBS
8 ounces	16 TBS
10 ounces	20 TBS
12 ounces	24 TBS
14 ounces	28 TBS
16 ounces	32 TBS