Ortho Systemic Insect Killer

CONTROLS INSECTS & MITES

Concentrate
Protects entire plant from chewing or sucking insects

Active Ingredients:
- Acephate: 8.0%
- Fenbutatin-oxide: 0.5%

Other Ingredients: 91.5%

NET 16 FL OZ (1 PT) 473 mL

DANGER
KEEP OUT OF REACH OF CHILDREN

Ortho is a registered trademark of Scotts Miracle-Gro Co. Inc.

Should you have any questions pertaining to color or the way the file is set up please call LPK Production Artist, Beverly Romer Phone: 241-6330.

IMPORTANT NOTICE: LPK has checked this artwork for accuracy. Final approval is the client’s responsibility. Please double-check for errors before release to any external supplier. Thereafter LPK cannot accept responsibility for errors/omissions overlooked by the client or client’s agent.

APPROVED FOR RELEASE TO
SEPARATOR
Purchasing Manager

LPK Approvals

Job Information

Description: Ortho Systemic Insect Killer
File Name: 3012-01601 Systemic 16 oz.ai
Output Scale: 100%
Project No. 3012
Spec No.
Blueprint No.
P.O. No.
UPC No. 071549 01601 2 1025
ITF No. 009901
Brand Code:

Last Revision Date: 11/26/01
Establishment Date: 8/7/01

CLIENT Approvals

Technical Information

Application/Version: Adobe Illustrator 8.0
Image:
Layers/Pages:
Fonts Used:

INKS / STATIONS 6

SPOT COLORS

BUILT COLORS (FROM PROCESS &/OR SPOT)

Should you have any questions pertaining to color or the way the file is set up please call LPK Production Artist, Beverly Romer Phone: 241-6330.
**DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This product is for outdoor use only by home gardeners. It has not been tested on rare, unusual varieties; therefore, when these plants are present, it is advisable to test on a few plants before spraying large numbers. Do not apply to plants to be used for food or feed. Do not apply to American elm, flowering crabapple, sugar maple, red maple, redbud, begonia or weigelia as foliage injury may occur.

**MIXING INGREDIENTS**

- **Aphids & Grasshoppers**: Amount to Use: 3 Tbs (1 1/2 fl oz) per gal of water. Ortho® Dial 'N Spray® setting: 2 oz.
- **Japanese Beetles**: Amount to Use: 4 Tbs (2 fl oz) per gal of water. Ortho® Dial 'N Spray® setting: 1 oz.
- **Other Listed Insects**: When using Ortho® Dial 'N Spray®, Set dial to the setting indicated above. Pour product into sprayer to fill jar one-quarter to one-half full. Do NOT add water. After spraying, unused product can be poured back into its original container.

**OTHER INSECTS CONTROLLED**

- Ash plant bug, bagworm, beet armyworm, birch leafminer, black vine weevil, budworms, cabbage looper, caterpillar, elm leaf beetle, fall cereal, fall webworm, fuchsia mite, gypsy moth (larvae), holly leafminer, lacebugs, leafhoppers, lilac leafminer, maple shoot moth (larvae), mimosa webworm, mealybugs, nantucket pine tip moth (larvae), oak webworm, obscure root weevil, orange-striped oakworm, poplar tentmaker, psyllids, root saddled prominent caterpillar, sawflies (dusky birch, blackheaded ash, redheaded pine & European pine), scales (caterpillar, spittlebugs, spruce mite, stinkbugs, thrips, tent caterpillars, two-spotted spider mite, whiteflies, willow leaf beetle.

**HOW TO APPLY**

- Spray entire plant covering upper and lower leaf surfaces thoroughly.
- Set dial to Ortho® Dial 'N Spray® setting as indicated above.
- Fill jar one-quarter to one-half full.
- DO NOT add water. After spraying, unused product can be poured back into its original container.
- Clean sprayer after use by flushing with water.

**SPECIAL DIRECTIONS**

- For Honeysuckle Aphid (Honeysuckle): Spray foliage as leaves begin spring expansion. Spray 4 times, waiting 3 weeks between applications.
- For Black Vine Weevil: Spray foliage and soil beneath plants. Begin applications in mid-June. Spray 4 times, waiting 3 weeks between applications.
- For Obscure Root Weevil (adults): Spray foliage in late spring as soon as feeding is noticed (usually about April). Repeat every 4 weeks through September (mid-July through August are the peak feeding times).
- For Insects such as Mealybugs, Whiteflies, Mites & Scales, spray 2-3 times, waiting 7 to 10 days between applications.
- Repeat if reinfestation occurs.

**APPLICATION**

- *Apply when insects are present or when feeding injury is first noticed.*
- *For hard to kill insects such as Mealybugs, Whiteflies, Mites & Scales, spray 2-3 times, waiting 7 to 10 days between applications.*
- *Repeat if reinfestation occurs.*

**WHEN TO APPLY**

- • Spray when insects are present or when feeding injury is first noticed.
- • For hard to kill insects such as Mealybugs, Whiteflies, Mites & Scales, spray 2-3 times, waiting 7 to 10 days between applications.
- • Repeat if reinfestation occurs.

**APPLY WHEN TO**

- • Apply when insects are present or when feeding injury is first noticed.
- • For hard to kill insects such as Mealybugs, Whiteflies, Mites & Scales, spray 2-3 times, waiting 7 to 10 days between applications.
- • Repeat if reinfestation occurs.

**SPECIAL DIRECTIONS**

- For Honeysuckle Aphid (Honeysuckle): Spray foliage as leaves begin spring expansion. Spray 4 times, waiting 3 weeks between applications.
- For Obscure Root Weevil (adults): Spray foliage in late spring as soon as feeding is noticed (usually about April). Repeat every 4 weeks through September (mid-July through August are the peak feeding times).
- For Black Vine Weevil: Spray foliage and soil beneath plants. Begin applications in mid-June. Spray 4 times, waiting 3 weeks between applications.
**Ortho Systemic Insect Killer**

**KILLS**
- Aphids, Mites, Japanese Beetles, Leafminers, Thrips, Mealybugs, Whiteflies, Scales, Other Beetles & Caterpillars

**WHERE TO USE**
- Roses, Flowers, Shrubs & Trees

**AMOUNT TO USE**
- Aphids & Grasshoppers: 2 Tbs (1 fl oz) / gal water.
- Japanese Beetles: 4 Tbs (2 fl oz) / gal water.
- Other Listed Insects: 3 Tbs (1 1/2 fl oz) / water.

**PRODUCT FACTS**
- Makes up to 16 gallons spray
- KILLS JAPANESE BEETLES
- OPEN Resealable Label for Directions & Precautions

**HOW IT WORKS**
- Stops plant damage from a wide range of insects including mites. Quickly kills sprayed insects and continues killing insects which contact or feed on treated plants. Sprayed leaves and stems absorb Ortho® Systemic Insect Killer providing internal protection that won’t wash off with rain or watering.

**STORAGE & DISPOSAL**
- STORAGE: Store away from heat or open flame. Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area. Do not store diluted spray.
- DISPOSAL: PRODUCT – Partially filled bottle may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash. CONTAINER – Do not reuse empty bottle. Rinse thoroughly before discarding in trash.

**COMBINATION SPRAY WITH FUNGICIDE ON ROSES**
- May be used together with RosePride® Rose & Shrub Disease Control or Ortho® Garden Disease Control at the rates recommended on each product label. Apply fungicide on a regular schedule to control disease, and add Ortho® Systemic Insect Killer only when insect control is desired. Do not apply more than three consecutive applications in combination with any of the above fungicides.

**STORAGE & DISPOSAL**
- STORAGE: Store away from heat or open flame. Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area. Do not store diluted spray.
- DISPOSAL: PRODUCT – Partially filled bottle may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash. CONTAINER – Do not reuse empty bottle. Rinse thoroughly before discarding in trash.

**Questions, Comments or Medical Information?**
- Call 1-800-225-2883          www.ortho.com
PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER: Causes irreversible eye damage and skin irritation. May be harmful if swallowed or absorbed through skin. Do not get in eyes, on skin, or on clothing. Wear goggles. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not allow persons or pets to enter the treated area until sprays have dried.

FIRST AID:

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. See a physician immediately. IF ON SKIN: Wash with plenty of water. Get medical attention. IF SWALLOWED: Do not induce vomiting. Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol. When handling this product, wear chemical resistant gloves, long pants, and long-sleeved shirt. When using outdoors, spray with the wind to your back and do not use when wind speeds are 10 mph or more. Wash the outside of the gloves with soap and water before removing. Note to physicians: Probable mucosal damage may contraindicate the use of gastric lavage. Emergency Information call 1-800-225-2883.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to birds, mammals, fish and aquatic invertebrates. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate. Cover or soil incorporate spills. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting treatment area.

PHYSICAL OR CHEMICAL HAZARDS: Flammable. Keep away from heat and open flame.

NOTICE: Buyer assumes all risks of use, storage or handling of this product not in accordance with directions.

The ORTHO Guarantee: If for any reason you are not satisfied with this product, mail us proof of purchase to obtain a full refund of your purchase price. © 2001, The ORTHO Group. World rights reserved. Manufactured for The ORTHO Group EPA Reg. No. 239-2595 P.O. Box 1740, Columbus, OH 43216 EPA Reg. Int. 239-18-2, 58996-MO-1A Form.LB05912P000 Superscript is first letter of lot number Made in USA

Questions, Comments or Medical Information?
Call 1-800-225-2883                  www.ortho.com

Should you have any questions pertaining to color or the way the file is set up please call LPK Production Artist, Beverly Romer Phone: 241-6330.