



# TREE & SHRUB

## INSECT CONTROL

CONCENTRADO PARA EL CONTROL DE  
INSECTOS MAS ALIMENTO PARA PLANTAS

**PLUS**  **PLANT FOOD  
CONCENTRATE**



**'PROTECTS & FEEDS IN** ¡PROTEGE Y FERTILIZA EN UNA APLICACION SIMPLE!  
**ONE EASY APPLICATION!**

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION** See back panel booklet for additional  
precautionary statements.

**MANTENER FUERA DEL ALCANCE DE LOS NIÑOS**

**PRECAUCION** Consulte el folleto en el panel posterior para  
conocer los avisos de precaucion adicionales.

**FOR OUTDOOR HOME USE ONLY**

**ACTIVE INGREDIENT:**

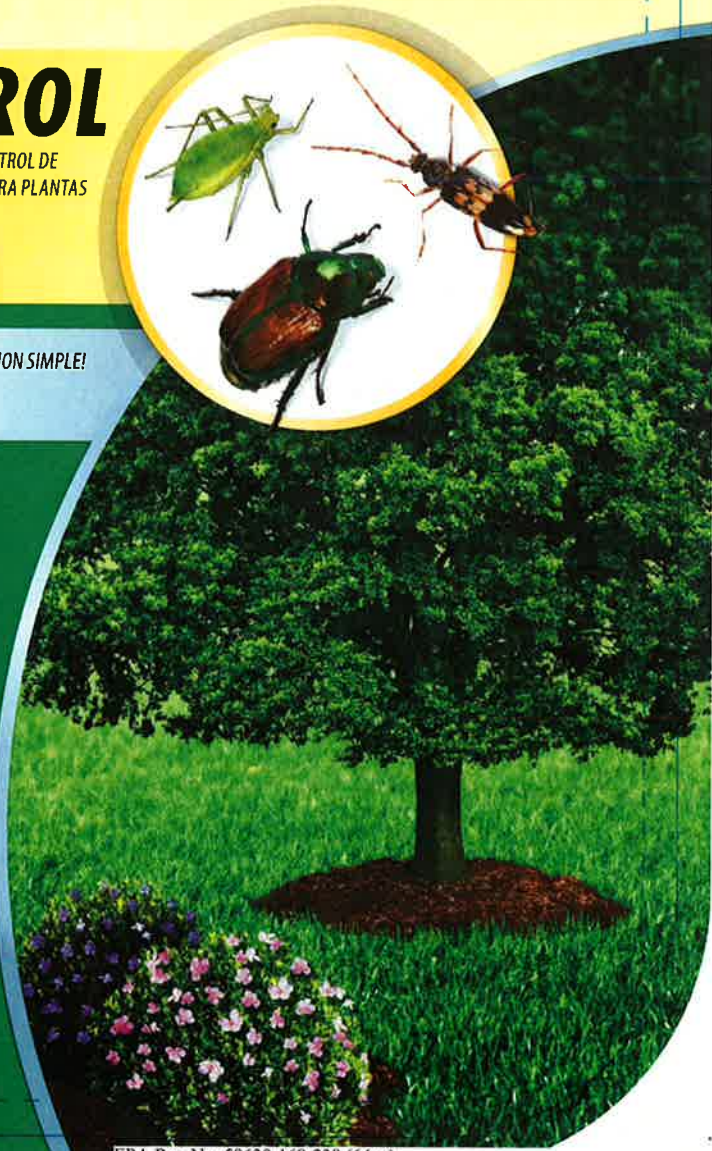
Dinotefuran, (N-methyl-N'-nitro-N''-  
((tetrahydro-3-furanyl)methyl)guanidine) ..... 0.43%

**OTHER INGREDIENTS:** ..... 99.57%

**Total** ..... 100.00%



**NET CONTENTS/CONTENIDO NETO**  
**64 fl oz (1.89 l)**





# TREE & SHRUB

## INSECT CONTROL PLUS MIRACLE-GRO® PLANT FOOD CONCENTRATE

**Dual Action Formula – Protects & Feeds**

### HOW IT WORKS

Kills sucking and chewing insects on ornamental trees and shrubs. Feeds trees and shrubs. Systemic insecticide is absorbed through the roots to protect from the inside – out. Helps keep trees and shrubs strong and protects new growth.

**OPEN**  
Resealable Label  
for Directions  
and Precautions.  
Español ver página 5

### CONTROLS INSECTS THAT DAMAGE TREES & SHRUBS



Aphids Japanese Beetles Roundheaded Borers Leafminers Scale Whiteflies and other listed insects

### WHERE TO USE:

Outdoors on newly planted and established ornamental trees and shrubs. Do not apply this product to linden, basswood or other *Tilia* species.

### WHEN TO USE

To prevent against insect pests, apply in May through early August.  
To treat insect pests, apply in mid-August through late September.

Ortho® Tree & Shrub Insect Control Plus Miracle-Gro®  
Plant Food Concentrate

5-5-5	F1379
Guaranteed Analysis	
Total Nitrogen (N) .....	5.0%
0.8% Ammoniacal Nitrogen	
4.2% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	5.0%
Soluble Potash (K <sub>2</sub> O) .....	5.0%

Derived from: Urea, Monoammonium Phosphate, Diammonium Phosphate, Monopotassium Phosphate, Murate of Potash.

When applied as directed this product meets the guidelines for metals adopted by the American Plant Food Control Officials.

In Mississippi, this product is classified as a low analysis fertilizer.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-sc.com>  
Net Weight 4.71lb (2.14kg)

Questions, Comments or Medical Information?  
¿Preguntas, comentarios o información médica?  
1-800-225-2883 [www.ortho.com](http://www.ortho.com)

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Guaranteed and Sold by **The ORTHO Group**  
PO Box 190, Marysville, OH 43040  
EPA Reg. No. 59639-168-239  
EPA Est. 239-1A-31, 239-MS-001M, 39578-TX-01G  
Superscript is first letter of lot number



80% SIZE  
12-digit UPC-A  
(non-suppressed)  
For Position Only

7 1549 99013 8  
1010

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all label directions.

## PRODUCT INFORMATION

<b>HOW IT WORKS</b>	Kills sucking and chewing insects on ornamental trees and shrubs. Feeds trees and shrubs.
<b>PESTS CONTROLLED</b>	Aphids, Adelgids, Black Vine Weevil (larvae), Roundheaded Borers (including Eucalyptus Longheaded Borers), Japanese Beetle (adults), Lacebugs, Leaf Beetles (including Elm Leaf Beetles and Viburnum Leaf Beetles), Leafhoppers (suppression only), Leafminers (including Birch Leafminers), Mealybugs, Pine Tip Moth (larvae), Psyllids, Sawfly (larvae), Scale Insects, Thrips and Whiteflies.
<b>WHERE TO USE</b>	Outdoors on newly planted and established ornamental trees and shrubs. Do not apply this product to linden, basswood or other <i>Tilia</i> species.
<b>WHEN TO USE</b>	<ul style="list-style-type: none"> <li>To prevent against insect pests, apply in May through early August.</li> <li>To treat insect pests, apply in mid-August through late September.</li> </ul>
<b>HOW TO USE</b>	<ul style="list-style-type: none"> <li>To treat <b>established or newly planted ornamental trees</b>, measure the distance around the trunk. For each inch measured, mix 3 fl oz of product in one gallon of water. For example, if the tree trunk circumference is 3 inches, mix 9 fl oz of product in 1 gallon of water. To treat <b>established or newly planted ornamental shrubs</b>, mix 9 fl oz in one gallon of water for each foot of shrub height.</li> <li>Slowly pour the solution around the base of the ornamental tree or shrub keeping as close to the trunk as possible. Allow time while pouring for the liquid to soak into the ground.</li> <li>Rinse the bucket or watering can with an additional gallon of water and pour around the tree trunk or shrub.</li> <li>Do not allow product to run off to surrounding areas as this will reduce product performance.</li> </ul>

## RESTRICTIONS

- Do not apply to areas next to rivers, lakes, streams or ponds.
- Do not apply to waterlogged or frozen soils.
- Do not apply to fruit or nut trees where produce is to be eaten.
- Do not apply more than once per year to a treated tree or shrub.
- Do not use food utensils such as teaspoons and measuring cups for food purposes after use with this product.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.	
<b>PESTICIDE STORAGE:</b>	Store in original container in a cool dry place, out of reach of children, preferably a locked storage cabinet.
<b>PESTICIDE DISPOSAL AND CONTAINER HANDLING:</b>	Nonrefillable container. Do not reuse or refill this container. <b>If empty:</b> Place in trash or offer for recycling if available. <b>If partly filled:</b> Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

## FIRST AID

<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>PRODUCT INFORMATION:</b>	Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-225-2883 for general information and/or medical information.

## ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This pesticide is toxic to shrimp. 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 apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas. Do not dispose of equipment washwaters or rinsate into a natural drain or water body. Do not contaminate water when disposing of equipment washwaters or rinsate.

This compound is toxic to honey bees. The persistence of residues and potential residual toxicity of Dinotefuran in nectar and pollen suggest the possibility of chronic risk to honey bee larvae and the eventual instability of the hive.

This product is toxic to bees exposed to treatment for more than 38 hours following treatment. Do not apply this product to blooming, pollen-shedding or nectar-producing parts of plants during this time period, unless the application is made in response to a public health emergency declared by appropriate state and federal authorities.

Dinotefuran and its degradate, MNG have the properties and characteristics associated with chemicals detected in ground water. The high water solubility of dinotefuran, and its degradate, MNG, coupled with its very high mobility, and resistance to biodegradation indicates that this compound has a strong potential to leach to the subsurface under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

**NOTICE:** To the extent consistent with applicable law, 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, the consumer, are not satisfied with this product, mail us your original proof of purchase to obtain a full refund of your purchase price.

02/12/2014 SSL

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## ORTHO® Tree & Shrub Insect Control Plus Miracle-Gro® Plant Food Concentrate

### INSTRUCCIONES DE USO

Se considera una violación a la ley federal usar este producto con fines distintos de los indicados en la etiqueta. Lea y siga todas las indicaciones de la etiqueta.

### INFORMACION DEL PRODUCTO

<b>COMO FUNCIONA</b>	Mata insectos que succionan y mastican arbustos y árboles ornamentales. Fertiliza árboles y arbustos.
<b>PLAGAS CONTROLADAS</b>	Áfidos, adélgidos, gorgojos negros de la vid (larvas), barrenadores de cabeza redonda (como los barrenadores del eucalipto de cabeza larga), escarabajos japoneses (adultos), chinches de encaje, escarabajos de hojas (como los escarabajos de la hoja del olmo y del viburno), cicadélidos (solamente supresión), gusanos minadores de las hojas (como los gusanos minadores de las hojas del abedul), cochinillas harinosas, polilla de los brotes del pino (larvas), psílicos, mosca sierra (larvas), cochinillas, trips y moscas blancas.
<b>DONDE UTILIZAR</b>	En exteriores, en arbustos y árboles ornamentales recién plantados o establecidos. No aplique este producto al tilo ni a otras especies de Tilia.
<b>CUANDO UTILIZAR</b>	<ul style="list-style-type: none"> <li>• Para evitar plagas de insectos, aplique desde mayo hasta principios de agosto.</li> <li>• Para tratar plagas de insectos, aplique desde mediados de agosto hasta fines de septiembre.</li> </ul>
<b>MODO DE USO</b>	<ul style="list-style-type: none"> <li>• Para tratar <b>árboles ornamentales establecidos o recién plantados</b>, mida la distancia alrededor del tronco. Por cada área medida de 2.5 cm, mezcle 89 ml del producto en 3.8 litros de agua. Por ejemplo, si la circunferencia del tronco del árbol es de 7.5 cm, mezcle 267 ml del producto en 3.8 litros de agua. Para tratar <b>arbustos ornamentales establecidos o recién plantados</b>, mezcle 267 ml en 3.8 litros de agua por cada 30.5 cm de altura que tenga el arbusto.</li> <li>• Vierta lentamente la solución alrededor de la base del árbol o arbusto ornamental tan cerca del tronco como sea posible. Mientras vierta el producto, deje que el líquido penetre en el suelo.</li> <li>• Enjuague el balde o la regadera con 3.8 litros de agua adicional y vierta alrededor del tronco del árbol o del arbusto.</li> <li>• No permita que el producto se escurra a las áreas circundantes, ya que esto reducirá el rendimiento del producto.</li> </ul>

EPA Reg No. 59639-168-239 (64oz)

Ortho Tree & Shrub Insect Control Plus Miracle-Gro Plant Food Concentrate

## RESTRICCIONES

- No aplique en áreas que se encuentran cerca de ríos, lagos, arroyos o estanques.
- No aplique en suelos anegados o congelados.
- No aplique en árboles frutales o de frutos secos sembrados para consumo.
- No aplique el producto más de una vez por año en un árbol o arbusto tratado.
- No utilice utensilios de cocina, como cucharitas y tazas medidoras, con alimentos luego de usarlos con este producto.

## ALMACENAMIENTO Y ELIMINACION

No contamine el agua, los alimentos o el forraje al almacenar o eliminar.

<b>ALMACENAMIENTO DEL PESTICIDA:</b>	Almacene el producto en el envase original en un lugar fresco y seco, fuera del alcance de los niños, preferentemente en un armario bajo llave.
<b>ELIMINACION DEL PESTICIDA Y MANEJO DEL ENVASE:</b>	Envase no rellenable. No vuelva a utilizar ni a llenar este envase. <b>Si está vacío:</b> Colóquelo en la basura o recíclolo, si corresponde. <b>Si está parcialmente lleno:</b> Llame a su agencia de desechos sólidos local para obtener instrucciones sobre cómo eliminar el producto. Nunca elimine el producto no utilizado en drenajes internos o externos.

## AVISOS DE PRECAUCION

### RIESGOS PARA HUMANOS Y ANIMALES DOMESTICOS

#### PRECAUCION

Causa irritación moderada a los ojos. Evite el contacto con la piel, los ojos o la ropa. Lávese bien con agua y jabón después de manipular el producto y antes de comer, beber, masticar chicle o usar tabaco.

## PRIMEROS AUXILIOS

<b>Si entra en contacto con los ojos:</b>	<ul style="list-style-type: none"><li>• Mantenga los ojos abiertos y enjuague con agua lentamente, con cuidado, durante 15 a 20 minutos.</li><li>• Si usa lentes de contacto, retírelos después de los primeros 5 minutos y, luego, continúe enjuagando los ojos.</li><li>• Llame a un centro de control de envenenamientos o a un médico para obtener asesoramiento sobre el tratamiento.</li></ul>
<b>INFORMACION DEL PRODUCTO:</b>	Tenga a mano el envase o la etiqueta del producto cuando llame a un centro de control de envenenamientos o a un médico, o cuando intente obtener tratamiento. También puede llamar al 1-800-225-2883 para obtener información general o médica.

## RIESGOS AMBIENTALES

Para proteger el medio ambiente, no permita que el pesticida entre o se escurra en drenajes pluviales, zanjas de drenaje, cunetas o aguas superficiales. Aplicar este producto en clima tranquilo cuando no haya pronóstico de lluvia para las siguientes 24 horas ayudará a asegurarse de que el viento o la lluvia no soplen ni laven el pesticida fuera del área de tratamiento. Lavar el equipo para la aplicación sobre el área tratada ayudará a evitar la escorrentía a los cuerpos de agua o sistemas de drenaje.

Este pesticida es tóxico para los camarones o langostinos. No lo aplique directamente al agua o en áreas donde hay agua en la superficie o en áreas entre mareas bajo la marca alta promedio de agua. No se debe aplicar cuando las condiciones climáticas favorecen el desplazamiento desde las áreas tratadas. El desplazamiento o la escorrentía desde las áreas tratadas pueden ser peligrosos para los organismos acuáticos en las áreas tratadas. No elimine el agua que usó para lavar el equipo o con contaminantes en un drenaje natural o cuerpo de agua. No contamine el agua al deshacerse de la que usó para lavar el equipo o que tiene contaminantes.

Este compuesto es tóxico para las abejas. La persistencia de residuos y la posible toxicidad residual del dinotefuran en el néctar y el polen sugieren la posibilidad de riesgo crónico para las larvas de las abejas y la eventual inestabilidad de la colmena.

Este producto es tóxico para las abejas expuestas al tratamiento durante más de 38 horas después del tratamiento. No aplique este producto sobre las partes de las plantas con floración, que liberan polen o que producen néctar durante este período de tiempo, a menos que la aplicación sea en respuesta a una emergencia de salud pública declarada por las autoridades estatales y federales correspondientes.

El dinotefuran y su degradado, MNG, tienen propiedades y características asociadas con las sustancias químicas detectadas en aguas subterráneas. La alta solubilidad en agua del dinotefuran y su degradado, MNG, junto con su gran movilidad y resistencia a la biodegradación indica que este compuesto tiene un fuerte potencial para filtrarse en la superficie inferior en ciertas circunstancias como consecuencia del uso indicado en la etiqueta. El uso de este producto químico en áreas donde los suelos son permeables, en particular donde el manto freático es poco profundo, puede resultar en contaminación de las aguas subterráneas.

**NOTA:** En conformidad con la ley aplicable, el comprador asume todos los riesgos de uso, almacenamiento o manejo de este producto si no se siguen las instrucciones correspondientes.

**La garantía ORTHO®:** Si por alguna razón usted, el consumidor, no está completamente satisfecho con este producto, envíenos por correo el comprobante original de compra para recibir el reembolso total del precio de compra.

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**The ORTHO Group**  
PO Box 190  
Marysville, OH 43040  
EPA Reg. No. 59639-168-239  
EPA Est. 239-1A-3<sup>1</sup>, 239-MS-001<sup>M</sup>, 39578-TX-019  
Superscript is first letter of lot number  
LB5027

PRESS TO RESEAL

PRESIONE PARA VOLVER A CERRAR