

TRUSTED SINCE 1926

**BONIDE**<sup>®</sup>

# GRASS BEATER<sup>®</sup> II

## Over-the-top grass killer

### Concentrate



#### ACTIVE INGREDIENT:

Sethoxydim: 2-[1-(ethoxymino) butyl]-5-[2-(ethylthio) propyl]-3-hydroxy-2-cyclohexen-1-one\* ..... 18%

**OTHER INGREDIENTS:** ..... 82%

**TOTAL:** ..... 100%

\*Equivalent to 1.5 pounds of sethoxydim per gallon

formulated as an emulsifiable concentrate

Contains petroleum distillate

EPA Est. No. 4-NY-1 EPA Reg. No. 7969-58-4

### Keep Out Of Reach Of Children WARNING/AVISO

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

(See attached booklet for complete precautionary statements, directions for use, first aid, conditions of warranty, and state-specific crop and/or use site restrictions.)

**Net Contents 8 FL.OZ. (236.5 ML)**

XXXXXXXX

NVA 2014-04-025-0032



7458

# GRASS BEATER® II

Over-the-top grass killer  
Concentrate

- ✓ Systemic selective herbicide kills weedy grasses without injuring desirable plants.
- ✓ **Controls:** Bermudagrass, crabgrass, foxtail, quackgrass, and many other weedy grasses.

Store and transport in an upright position.  
EPA Reg. No. 7969-58-4 EPA Est. No. 4-NY-1  
Buyers Guarantee Limited to Label Claims.  
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Distributed by:  
Bonide Products, Inc.  
6301 Sutliff Road  
Oriskany, NY 13424



8 ounce

BN

UPC FPO

## **DIRECTIONS FOR USE**

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

### **READ ENTIRE LABEL BEFORE USING THIS PRODUCT.**

This product is a selective systemic grass killer to eliminate existing weedy grasses growing in and around plant beds, landscapes, and individual shrubs and trees (see Tolerant Plants). This product can be used through a hose-end sprayer according to the directions of the sprayer used or through a tank-type sprayer.

This product can also be used around listed fruit and vegetable areas (see Table 2) wherever listed weedy grasses occur. Use only tank-type sprayers.

### **Weedy Grasses Controlled**

This herbicide kills most annual and hard-to-kill perennial grasses up to 1-foot high, including the following examples, in one or two applications. Younger, actively growing seedling weeds are more easily killed than older, mature, well-established grassy weeds that may require a repeat application for control. Adding oil concentrate may help control grassy weeds.

Barnyardgrass  
Bermudagrass  
Broadleaf signalgrass  
Crabgrass, large  
Crabgrass, smooth  
Fall panicum  
Foxtail, giant  
Foxtail, green  
Foxtail, yellow  
Goosegrass  
Johnsongrass, seedling  
Johnsongrass, rhizome  
Junglerice  
Lovegrass  
Orchardgrass, seedling  
Quackgrass  
Tall Fescue seedling  
Texas panicum  
Shattercane/Wildcane  
Wild proso millet  
Wirestem muhly  
Witchgrass  
Woolly cupgrass

**Note:** This product does not control sedge (including nutsedge or nutgrass), annual bluegrass, or broadleaf weeds. Red fescue, chewings fescue, hard fescue, and dichondra turfs are also tolerant to this product.

### **Application Timing**

Apply when grassy weeds are actively growing, not exceeding the minimum of days from application to harvest when used on vegetables and fruits. Warm sunny weather will accelerate systemic movement from leaves and stems down to the roots to give complete kill. **DO NOT** mow or cut off tops of weeds before spraying. **DO NOT** apply if rainfall is expected within one hour following application. Growth of treated grass stops soon after application. Grass turns yellow and dies within one to three weeks depending on the grass species, stage of growth and weather conditions. Cool weather, drought, and heat stress slow activity.

**Table 1. This product (concentrate) and Oil Concentrate Dilution**

<b>Water (gals)</b>	<b>This Product (fl ozs) or (tbsps)</b>	<b>Oil Concentrate* (fl ozs) or (tbsps)</b>	<b>Coverage (sq. ft.)</b>
1	1	2	1,800
3	3	6	5,400
5	5	10	9,000
8	8	16	14,400

One gallon of spray will treat 1,800 square feet.

\* To prevent leaf burn of desirable plants, DO NOT use oil concentrate when comfort index (temperature °F + humidity) exceeds 150.

### **Hose-end Sprayer Application**

#### **Water Dilution/Premixing Not Needed**

Determine the area to treat in square feet. Pour 1 fluid ounce of this product and 1 fluid ounce oil concentrate in the hose-end sprayer bottle for each 1,800 square feet treated. Apply 1 fluid ounce per gallon. After application, wash the sprayer with a dilute soap solution and rinse according to the sprayer instructions.

#### **Water Dilution/Premixing Needed**

Some hose-end applicators recommend premixing liquid products with water before pouring into the sprayer bottle. Read the hose-end sprayer instructions for treatments at 1 fluid ounce per 1,800 square feet. Clean the sprayer after use according to the sprayer instructions.

### **Tank Sprayer Application**

Mix 1 fluid ounce of the product plus 1 fluid ounce oil concentrate per 1 gallon water; spray to just wet the unwanted weedy grasses. One gallon of spray will treat 1,800 square feet. Wash sprayer by flushing soapy water through the sprayer; then flushing clean water through the sprayer.

**IMPORTANT:** For spot treating grassy weeds near lawns and around sensitive plants, a tank-type sprayer is recommended. Spray carefully to avoid spray or drift contact with desirable plants. If drift occurs, wash foliage immediately with water.

### **Flowers, Bedding Plant, Evergreens, Shrubs, Trees and Ornamental Groundcovers**

This product may be applied over the top of desirable plants infested by weedy grasses, or as a directed spray to weedy grasses at labeled rate. **DO NOT** exceed dosage rate per gallon of spray. Most ornamental species tested have been found tolerant to this product (see **Tolerant Plants** list). However, use with caution around the following plants as they may be damaged if spray contacts foliage: azaleas (var. snow), Japanese privet, potentilla, snow in summer, red oak, white oak, and ornamental grass.

This herbicide may also be used on the following nonbearing food plants. **DO NOT** apply within 1 year of harvest.

Avocados

Dates

Figs

Olives

Plums

Pomegranates

Prunes

### **Fruits and Vegetables (use only with tank-type sprayers)**

Use this product on the fruits and vegetables listed in **Table 2. Fruits and Vegetables.**



**DO NOT** apply on or around any fruits and vegetables not listed on this label, especially sweet corn. Apply on and around tolerant fruits and vegetables with a tank-type sprayer only. A second application may be made to all listed fruits and vegetables except peanut, root vegetables, and strawberry.

The quantities presented in **Table 1. Grass Beater II (concentrate) and Oil Concentrate Dilution** do not exceed the registered rates for the fruits and vegetables listed. **DO NOT** exceed the quantities presented.

**Table 2. Fruits and Vegetables**

<b>Crop</b>	<b>Minimum time from last application to harvest (days)</b>
Apple	14
Apricot	25
Artichoke (California only)	7
Asparagus	1
Beans, dry	30
Beans, green	15
Beet (garden)	60
Blackberry	45
Blueberry <sup>1</sup>	30
Broccoli	30
Cabbage	30
Cantaloupe	14
Carrots	30
Cauliflower	30

**Table 2. Fruits and Vegetables cont.**

<b>Crop</b>	<b>Minimum time from last application to harvest (days)</b>
Celery	30
Cherries (sweet & sour)	25
Citrus	15
Crabapple	14
Cranberries <sup>1</sup>	60
Cucumber	14
Dill <sup>1</sup>	14
Eggplant	20
Endive (Florida only)	15
Grape	50
Horseradish	60
Lentils <sup>1</sup>	50
Lettuce, head	30
Lettuce, leaf	15
Loganberry	45
Mint	20
Muskmelon	14
Nectarine	25
Okra <sup>1</sup>	14
Onion, garlic	30
Peach	25
Peanut <sup>2</sup>	40
Pear,	14
Peas, dry	30
Peas, green	15
Pepper	20
Potato	30
Pumpkin	14

**Table 2. Fruits and Vegetables cont.**

<b>Crop</b>	<b>Minimum time from last application to harvest (days)</b>
Quince	14
Raspberry	45
<b>Root Vegetables<sup>1,2</sup> (except sugar beet)</b>	14
Black salsify	
Celeriac	
Chervil, turnip-rooted	
Chicory	
Edible burdock	
Ginseng	
Oriental radish	
Parsley, turnip-rooted	
Parsnip	
Radish	
Rutabaga	
Salsify	
Skirret	
Spanish salsify	
Turnip	
Spinach	15
Squash (all)	14
Strawberry <sup>2</sup>	7
Tomato	20
Tree nuts	15
Watermelon	14

<sup>1</sup>Not for use in California.

<sup>2</sup>Use no more than 1 application per season. Up to 2 applications per season may be made on all other plants.

## Tolerant Plants

Common Name ( <i>Scientific Name</i> )
<b>Trees</b>
Acacia, knife leaf ( <i>Acacia cultriformis</i> )
Arborvitae, Eastern (var. <i>Techny</i> ) ( <i>Thuja occidentalis</i> )
Arborvitae, Berkman's, Oriental ( <i>Thuja orientalis</i> ) ( <i>Platycladus orientalis</i> )
Ash, green ( <i>Fraxinus pennsylvanicum</i> )
Ash, mountain ( <i>Sorbus aucuparia</i> )
Ash, mountain ( <i>Sorbus americana decora</i> )
Ash, white ( <i>Fraxinus americana</i> )
Basswood, American ( <i>Tilia americana</i> )
Berkman's, Oriental ( <i>Thuja orientalis</i> )
Birch ( <i>Betula</i> sp.)
Birch, Asian white (var. <i>Japonica</i> ) ( <i>Betula platyphylla</i> )
Birch, European white ( <i>Betula pendula</i> )
Birch, paper ( <i>Betula papyrifera</i> )
Birch, river, black or red ( <i>Betula nigra</i> )
Black locust ( <i>Robinia pseudoacacia</i> )
Bottle-brush ( <i>Callistemon lanceolatus</i> ) ( <i>Callistemon citrinus</i> )
Bottle tree ( <i>Brachychiton populneus</i> )
Brisbane box tree ( <i>Tristania conferta</i> )
Cajeput tree ( <i>Melaleuca quinquenervia</i> )
Carob tree ( <i>Ceratonia siliqua</i> )
Carrot wood ( <i>Cupaniopsis anacardioides</i> )
Catalpa, Southern ( <i>Catalpa bignonioides</i> )
Cherry, black ( <i>Prunus serotina</i> )
Cherry, Carolina ( <i>Prunus caroliniana</i> 'compacta')

## Tolerant Plants (continued)

Common Name ( <i>Scientific Name</i> )
<b>Trees (continued)</b>
Crabapple, flowering (var. Dalgo, Radiant, Red splendor, Royalty, Vanguard, Sylvestris, Domestic) ( <i>Malus</i> sp.)
Cypress, false ( <i>Chamaecyparis pisifera</i> )
Cypress, Italian ( <i>Cupressus sempervirens</i> )
Cypress, leyland ( <i>Cupressocyparis leylandii</i> )
Dogwood, flowering ( <i>Cornus florida</i> )
Dogwood, pagoda ( <i>Cornus alternifolia</i> )
Dogwood, silky ( <i>Cornus amomum</i> )
Elm, Chinese evergreen ( <i>Ulmus parvifolia</i> )
Eucalyptus ( <i>Eucalyptus robusta</i> , <i>E. lehmannii</i> , <i>E. nicholii</i> , <i>E. grandis</i> )
Fir ( <i>Abies</i> sp.)
Fir, Douglas ( <i>Pseudotsuga menziesii</i> )
Fir, Frasier ( <i>Abies fraseri</i> )
Fir, white ( <i>Abies concolor</i> )
Goldenrain tree ( <i>Koelreuteria paniculata</i> )
Guava ( <i>Psidium littorale</i> )
Guava, pineapple ( <i>Feijoa sellowiana</i> )
Gum, blue ( <i>Eucalyptus globulus</i> )
Gum, lemon-scented ( <i>Corymbia citriodora</i> ) ( <i>Eucalyptus citriodora</i> )
Gum, red box ( <i>Eucalyptus polyanthemos</i> )
Hackberry, common ( <i>Celtis occidentalis</i> )
Hemlock, Canadian ( <i>Tsuga canadensis</i> )
Holly, Chinese (var. <i>Bufordii</i> , <i>Rotunda</i> ) ( <i>Ilex cornuta</i> )
Holly, hybrid (var. <i>Nellie Stevens</i> ) ( <i>Ilex spares</i> )

## Tolerant Plants (continued)

Common Name ( <i>Scientific Name</i> )
<b>Trees (continued)</b>
Holly, Japanese (var. convexa, compacta, helleri, hoogendorn) ( <i>Ilex crenata</i> )
Holly, yaupon ( <i>Ilex vomitoria</i> )
Ironbark, red ( <i>Eucalyptus sideroxylon</i> )
Jacaranda ( <i>Jacaranda mimosifolia</i> )
Kentucky coffee tree ( <i>Gymnocladus dioicus</i> )
Larch, European ( <i>Larix europa</i> )
Laurel, Indian ( <i>Ficus microcarpa nitida</i> )
Linden ( <i>Tilia americana</i> )
Linden, littleleaf ( <i>Tilia cordata</i> )
Locust, honey ( <i>Gleditsia triacanthos inermis</i> )
Loquat ( <i>Eriobotrya japonica</i> )
Magnolia, Southern ( <i>Magnolia grandiflora</i> )
Maple, Japanese ( <i>Acer palmatum</i> )
Maple, red ( <i>Acer rubrum</i> )
Maple, silver ( <i>Acer saccharinum</i> )
Mimosa tree (silktree) ( <i>Albizia julibrissin</i> )
Myoporum ( <i>Myoporum laetum</i> )
New Zealand Christmas tree ( <i>Metrosideros excelsus</i> )
Oak ( <i>Quercus</i> sp.)
Oak, water ( <i>Quercus nigra</i> )
Oak, willow ( <i>Quercus phellos</i> )
Olive tree ( <i>Olea europaea</i> )
Olive, Russian ( <i>Elaeagnus angustifolia</i> )
Orchid tree, purple ( <i>Bauhinia variegata</i> )
Osage orange ( <i>Maclura pomifera</i> )
Palm, Mediterranean fan ( <i>Chamaerops humilis</i> )
Palm, pygmy date ( <i>Phoenix roebelenii</i> )

## Tolerant Plants (continued)

Common Name ( <i>Scientific Name</i> )
<b>Trees (continued)</b>
Palm, queen ( <i>Arecastrum romanzoffianum</i> )
Palm, sago ( <i>Cycas revoluta</i> )
Palm, windmill ( <i>Tracheocarpus fortunei</i> )
Palo verde, green ( <i>Parkinsonia aculeata</i> )
Paulownia royal ( <i>Paulownia tomentosa</i> )
Pear, common ( <i>Pyrus communis</i> )
Pear, evergreen ( <i>Pyrus kawakamii</i> )
Pear, Ussurian ( <i>Pyrus ussuriensis</i> )
Pepper, Brazilian ( <i>Schinus terebinthifolius</i> )
Pine, Aleppo ( <i>Pinus halepensis</i> )
Pine, Austrian ( <i>Pinus nigra</i> )
Pine, Canary Island ( <i>Pinus canariensis</i> )
Pine, Caribbean slash ( <i>Pinus caribaea</i> )
Pine, Italian stone ( <i>Pinus pinea</i> )
Pine, jack ( <i>Pinus banksiana</i> )
Pine, Japanese ( <i>Pinus parviflora</i> )
Pine, Japanese black ( <i>Pinus thunbergii</i> )
Pine, loblolly ( <i>Pinus taeda</i> )
Pine, Mugo ( <i>Pinus mugo</i> )
Pine, ponderosa ( <i>Pinus ponderosa</i> )
Pine, red ( <i>Pinus resinosa</i> )
Pine, Scotch ( <i>Pinus sylvestris</i> )
Pine, shore ( <i>Pinus contra</i> )
Pine, slash ( <i>Pinus elliottii</i> )
Pine, Southern ( <i>Pinus palustris</i> )
Pine, Virginia ( <i>Pinus virginiana</i> )
Pine, Western yellow ( <i>Pinus ponderosa</i> )
Pine, white ( <i>Pinus parviflora</i> )
Pine, white ( <i>Pinus strobus</i> )
Pine, yew ( <i>Podocarpus macrophyllus</i> )
Plum, wild ( <i>Prunus americana</i> )
Poplar, hybrid ( <i>Populus alba</i> )

## Tolerant Plants (continued)

Common Name ( <i>Scientific Name</i> )
<b>Trees (continued)</b>
Popular, tuliptree ( <i>Liriodendron tulipifera</i> )
Popular, yellow ( <i>Liriodendron tulipifera</i> )
Purpleleaf, Bailey acacia ( <i>Acacia baileyana</i> )
Redwood, coast ( <i>Sequoia sempervirens</i> )
Sandcherry, Western ( <i>Prunus besseyi</i> )
Sensitive plant ( <i>Mimosa pudica</i> )
Silktree ( <i>Albizia julibrissin</i> )
Spruce, Black Hills (var. <i>Densata</i> ) ( <i>Picea glauca</i> )
Spruce, Colorado blue ( <i>Picea pungens</i> )
Spruce, Norway ( <i>Picea abies</i> )
Spruce, white ( <i>Picea glauca</i> )
Strawberry tree ( <i>Arbutus unedo</i> )
Sumac, African ( <i>Rhus lancea</i> )
Sumac, standard ( <i>Rhus lancea</i> )
Sweetgum ( <i>Liquidambar styraciflua</i> )
Sycamore ( <i>Platanus occidentalis</i> )
Teatree, Australian ( <i>Leptospermum laevigatum</i> )
Tipu tree ( <i>Tipuana tipu</i> )
Walnut, black ( <i>Juglans nigra</i> )
Weeping fig, exotica ( <i>Ficus benjamina</i> )
Willow ( <i>Salix matsudana tortuosa</i> )
Willow, Australian ( <i>Geijera parviflora</i> )
Willow, desert ( <i>Pittosporum phillyreoides</i> )
Willow, peppermint ( <i>Agonis flexuosa</i> )
Yate, bushy ( <i>Eucalyptus lehmannii</i> )
Yew, English ( <i>Taxus baccata</i> )



## Tolerant Plants (continued)

Common Name ( <i>Scientific Name</i> )
<b>Shrubs</b>
Abelia, glossy ( <i>Abelia grandiflora</i> )
Acacia, Bailey ( <i>Acacia baileyana</i> )
Acacia, knife leaf ( <i>Acacia cultriformis</i> )
Acacia, prostrate ( <i>Acacia redolens</i> )
Acacia, Sydney golden wattle ( <i>Acacia longifolia</i> )
Andromeda ( <i>Pieris japonica</i> )
Arborvitae, Oriental ( <i>Platycladus orientalis</i> )
Arrowwood, Southern ( <i>Viburnum dentatum</i> )
Azalea, mollis hybrid ( <i>R. x kosterianum</i> )
Azalea, Northern lights hybrid ( <i>R. x kosterianum</i> x <i>R. prinophyllum</i> )
Bamboo, heavenly ( <i>Nandina domestica</i> )
Barberry, Japanese ( <i>Berberis thunbergii</i> )
Barberry, Korean ( <i>Berberis koreana</i> )
Barberry, redleaf ( <i>Berberis virginiana</i> )
Bird of paradise bush ( <i>Caesalpinia gilliesii</i> )
Bluebeard ( <i>Caryopteris clandonensis</i> )
Boxwood, African ( <i>Myrsine africana</i> )
Boxwood, common ( <i>Buxus sempervirens</i> )
Boxwood, Japanese (var. <i>Japonica</i> ) ( <i>Buxus microphylla</i> )
Buckthorn, alder ( <i>Rhamnus frangula</i> )
Buckthorn, glossy ( <i>Rhamnus frangula</i> )
Camellia ( <i>Camellia japonica</i> ) ( <i>Camellia sasanqua</i> )
Cedar ( <i>Juniperus virginiana</i> )
Cedar, Eastern red (var. <i>Pyramidiformis</i> , <i>canertl</i> )

## Tolerant Plants (continued)

Common Name ( <i>Scientific Name</i> )
<b>Shrubs (continued)</b>
Cherry, brush ( <i>Eugenia myrtifolia</i> )
Cherry, Manchu ( <i>Prunus tomentosa</i> )
Cherry, Nanking ( <i>Prunus tomentosa</i> )
Chokecherry sp. ( <i>Aronia meloelata</i> )
Copper plant, Caribbean ( <i>Euphorbia cotinifolia</i> )
Cotoneaster, bearberry ( <i>Cotoneaster dammerii</i> )
Cotoneaster, cranberry ( <i>Cotoneaster apiculata</i> )
Cotoneaster, 'lowfast' Peking ( <i>Cotoneaster acutifolius</i> )
Coyote bush ( <i>Baccharis pilularis</i> )
Cranberry bush, American ( <i>Viburnum trilobum</i> )
Cranberry bush, golden ( <i>Viburnum opulus aureum</i> )
Crape myrtle ( <i>Lagerstromia indica</i> )
Currant, alpine ( <i>Ribes alpinum</i> )
Dogwood, red osier ( <i>Cornus stolonifera</i> )
Elaeagnus ( <i>Elaeagnus umbellata</i> )
Escallonia ( <i>Escallonia fradesii</i> ) ( <i>Escallonia rubia</i> )
Euonymus ( <i>Euonymus japonica</i> )
Euonymus, evergreen (var. Golden, Silver king)
Euonymus, winged ( <i>Euonymus alata</i> )
Fig, creeping ( <i>Ficus repens</i> )
Firethorn ( <i>Pyracantha graberi</i> )
Forsythia, greenstem ( <i>Forsythia viridissima bronxensis</i> )
Flax, New Zealand ( <i>Phormium tenax</i> )
Fuchsia, Australian ( <i>Correa pulchella</i> )

## Tolerant Plants (continued)

Common Name ( <i>Scientific Name</i> )
<b>Shrubs (continued)</b>
Gardenia (var. Mystery, Radicans) ( <i>Gardenia augusta</i> ) ( <i>Gardenia jasminoides</i> )
Gardenia, dwarf (var. Veitchii) ( <i>Gardenia jasminoides</i> )
Gold vine, Guinea ( <i>Hibbertia scandens</i> )
Hakea ( <i>Hakea proteacea</i> )
Hawthorn, Indian ( <i>Raphiolepis indica</i> )
Hibiscus, blue ( <i>Alyogyne huegelli</i> )
Hibiscus, Chinese ( <i>Hibiscus rosa-sinensis</i> )
Holly, dwarf Burford (var. Burfordii Nana) ( <i>Ilex cornuta</i> )
Honeysuckle, bush ( <i>Diervilla lonicera</i> )
Honeysuckle, cape ( <i>Tecomaria capensis</i> )
Hydrangea ( <i>Hydrangea macrophylla</i> )
Jasmine, Asiatic ( <i>Trachelospermum asiaticum</i> )
Jasmine, orange ( <i>Murraya paniculata</i> )
Jasmine, star ( <i>Trachelospermum jasminoides</i> )
Jasmine, winter ( <i>Jasminum nudiflorum</i> )
Jessamine, Carolina ( <i>Gelsemium sempervirens</i> )
Jojoba ( <i>Simmondsia chinensis</i> )
Juniper, Chinese (var. Maneyi, Old gold, Pfitzeriana, Sea green, Hekii, Nana, Torulosa, Pfitzeriana Aurea, Pfitzer, Golden Pfitzer) ( <i>Juniperus chinensis</i> )
Juniper, creeping (var. Bluechip, Hughes, Plumosa, Prince of Wales, Webberi, Wiltonii, Bar Harbor, Andorra, Variegata, Youngstown blue rug) ( <i>Juniperus horizontalis</i> )
Juniper, Ozark ( <i>Juniperus sp.</i> )

## Tolerant Plants (continued)

Common Name ( <i>Scientific Name</i> )
<b>Shrubs (continued)</b>
Juniper, Rocky Mountain (var. Blue heaven, Welchii, Wichita blue, Medova, Moffet, Pyramidal green, Springtime, Admiral) ( <i>Juniperus scopulorum</i> )
Juniper, savin (var. Skandia, Arcadia, Broadmoor, Buffalo, Pepin) ( <i>Juniperus sabina</i> )
Juniper, shore (var. Compacta) ( <i>Juniperus conferta</i> )
Juniper, tam (var. Tamariscifolia) ( <i>Juniperus sabina</i> )
Lantana, purple trailing ( <i>Lantana montevidensis</i> )
Laurustinus ( <i>Viburnum tinus</i> )
Lemonade sumac ( <i>Rhus integrifolia</i> )
Lilac, common purple ( <i>Syringa vulgaris purpura</i> )
Liriope, green ( <i>Liriope muscari</i> )
Liriope, variegated ( <i>Liriope muscari</i> )
Mickey Mouse bush ( <i>Ochna serrulata</i> )
Mirror plant, creeping ( <i>Coprosma repens</i> )
Mock orange ( <i>Pittosporum tobira</i> )
Mountain lilac, Carmel creeper ( <i>Ceanothus griseus</i> )
Myrtle, dwarf ( <i>Myrtus communis compacta</i> )
Nandina, heavenly bamboo ( <i>Nandina domestica</i> )
Nannyberry ( <i>Viburnum lantago</i> )
Ninebark ( <i>Physocarpus opulifolius</i> ) (var. Aureus) ( <i>Physocarpus opulifolius</i> var. <i>opulifolius</i> )
Oleander ( <i>Nerium oleander</i> )
Orchid, rockrose ( <i>Cistus purpureus</i> )

## Tolerant Plants (continued)

Common Name ( <i>Scientific Name</i> )
<b>Shrubs (continued)</b>
Oregon grape ( <i>Mahonia aquifolium</i> )
Osmanthus, holly-leaf ( <i>Osmanthus heterophyllus</i> )
Osmanthus, sweet olive ( <i>Osmanthus fragrans</i> )
Palm, natal (var. Green carpet tittle) ( <i>Carissa grandiflora</i> )
Pampas grass ( <i>Cortaderia selloana</i> )
Photinia ( <i>Photinia</i> sp.)
Photinia, Fraser ( <i>Photinia fraser</i> )
Pinklady ( <i>Raphiolepis indica</i> )
Pink powder puff ( <i>Calliandra haematocephala</i> )
Pittosporum, variegated Japanese ( <i>Pittosporum tobira variegata</i> )
Plumbago, cape ( <i>Plumbago capensis</i> )
Podocarpus, yew ( <i>Podocarpus macrophyllus</i> )
Princess flower ( <i>Tibouchina urvilleana</i> )
Privet ( <i>Ligustrum indica</i> )
Privet, glossy (var. Lake Tresca) ( <i>Ligustrum lucidum</i> )
Privet, Japanese ( <i>Ligustrum japonicum</i> )
Privet, Texas ( <i>Ligustrum texanum</i> )
Privet, waxleaf ( <i>Ligustrum japonicum</i> )
Purple hop bush ( <i>Dodonaea viscosa</i> )
Pyracantha ( <i>Pyracantha graberii</i> )
Rhododendron sp. ( <i>Rhododendron</i> - Azalea) (var. Hinocrimson, Hershey red, Coral blue, Hinodigiri, Christmas cheer, Pink ruffle, Formosa flame, Delaware Valley white, New white)
Sandcherry, purpleleaf ( <i>Prunus cistena</i> )

## Tolerant Plants (continued)

Common Name ( <i>Scientific Name</i> )
<b>Shrubs (continued)</b>
Serviceberry, Allegheny ( <i>Amelanchier laevis</i> )
Serviceberry, Saskatoon (var. Regent) ( <i>Amelanchier alnifolia</i> )
Silver king ( <i>Euonymus japonica</i> )
Sky flower, Brazilian ( <i>Duranta stenostachya</i> )
Snowball bush ( <i>Viburnum opulus sterilis</i> )
Spindle tree ( <i>Euonymus kiautschovica</i> )
Spiraea ( <i>Spiraea vanhoutteii</i> ) (var. Anthony Waterer, Froebellii, Goldflame) ( <i>Spiraea bumalda</i> ) (var. Fairy Queen) ( <i>Spiraea trilobataioivica</i> ) (var. Snowbound) ( <i>Spiraea nipponicaioivica</i> )
Star plant, lavender ( <i>Grewia occidentalis</i> )
Teatree, Australian ( <i>Leptospermum laevigatum</i> )
Teatree, New Zealand (var. Red glow) ( <i>Leptospermum scoparium</i> )
Texas ranger ( <i>Leucophyllum frutescens</i> )
Toyon, California holly ( <i>Heteromeles arbutifolia</i> )
Trumpet vine, pink ( <i>Pandorea rosea</i> )
Veronica (Hebe 'Coed')
Viburnum, Japanese ( <i>Viburnum japonicum</i> )
Viburnum, Sandankwa ( <i>Viburnum suspensum</i> )
Wayfaring tree ( <i>Viburnum lantanoides</i> )
Weeping fig, exotica ( <i>Ficus benjamina</i> )
Wheeler's dwarf, Variegated (var. Wheeler) ( <i>Pittosporum tobira</i> )
Yellow bells ( <i>Tecoma stans</i> )
Yesterday-today-and-tomorrow ( <i>Brunfelsia calycina</i> )
Yew ( <i>Taxus cuspidata vigatum</i> )

## Tolerant Plants (continued)

Common Name ( <i>Scientific Name</i> )
<b>Ornamentals &amp; Bedding Plants</b>
Alyssum ( <i>Alyssum</i> sp.)
Asparagus, Myers (var. <i>Meyeri</i> ) ( <i>Asparagus densiflorus</i> )
Asparagus, Sprenger's (var. <i>Sprengeri</i> ) ( <i>Asparagus densiflorus</i> )
Aster, New York ( <i>Aster novi-belgii</i> )
Aster, Stokes (var. Blue, White) ( <i>Stokesia cyanaea</i> )
Baby's breath (var. <i>Bristo fairy</i> ) ( <i>Gypsophila paniculata</i> )
Begonia ( <i>Begonia semperflorens</i> )
Bellflower, Tussock (var. <i>Canterbury bells</i> ) ( <i>Campanula carpatica</i> )
Bittersweet, American ( <i>Celastrus scandens</i> )
Black-eyed Susan (var. <i>Goldilocks</i> ) ( <i>Rudbeckia hirta</i> )
Bleeding heart ( <i>Dicentra spectabilis</i> )
Butterfly weed ( <i>Asclepias tuberosa</i> )
Bower vine ( <i>Pandorea jasminoides</i> )
Cactus, barrel ( <i>Echinocactus</i> sp.)
Candytuft ( <i>Iberis sempervirens</i> ) ( <i>Iberis amara</i> )
Canna ( <i>Canna</i> sp.)
Cassia, feathery ( <i>Cassia artemisioides</i> )
Chrysanthemum, Marguerite ( <i>Chrysanthemum frutescens</i> ) ( <i>Chrysanthemum indicum</i> )
Cockscomb ( <i>Celosia argentea</i> ) ( <i>Canna</i> )
Coleus ( <i>Coleus blumei</i> )
Coneflower, purple (var. <i>Gloriosa Dairy</i> ) ( <i>Echinacea purpurea</i> )

## Tolerant Plants (continued)

Common Name ( <i>Scientific Name</i> )
<b>Ornamentals &amp; Bedding Plants (continued)</b>
Coralbells ( <i>Heuchera sanguinea</i> )
Coreopsis (var. Sunray) ( <i>Coreopsis lanceolata</i> )
Cup of gold vine ( <i>Solandra maxima</i> )
Daffodil ( <i>Narcissus</i> spp.)
Dahlia ( <i>Dahlia pinnata</i> )
Daisy bush ( <i>Euryops pectinatus</i> )
Daisy bush, blue ( <i>Felicia amellioides</i> )
Daisy, Shasta (var. Alaska) ( <i>Chrysanthemum maximum</i> )
Daylily ( <i>Hemerocallis</i> hybrids)
Dianthus ( <i>Dianthus deltoides</i> )
Dragonhead, false ( <i>Physostegia virginiana</i> )
Dusty Miller ( <i>Centaurea cineraria</i> )
Fern, Sprenger's asparagus ( <i>Asparagus densiflorus sprengeri</i> )
Fescue, blue ( <i>Festuca ovina</i> )
Flowering tobacco ( <i>Nicotiana</i> sp.)
Fountaingrass, red ( <i>Pennisetum setaceum</i> )
Gazania ( <i>Gazania ringens leucolaena</i> ) ( <i>Gazania</i> sp.)
Geranium ( <i>Geranium</i> sp.)
Geranium, Martha Washington ( <i>Pelargonium domesticum</i> )
Gerbera daisy ( <i>Gerbera jamesonii</i> )
Geum (var. Lady Stratheadon, Mrs. Bradshaw, Mrs. Bradshaw Improved) ( <i>Geum quellyon</i> )
Gladiolus ( <i>Gladiolus</i> sp.)
Heather, false ( <i>Cuphea hyssopifolia</i> )
Honeysuckle, Amar ( <i>Lonicera maackii</i> )



## Tolerant Plants (continued)

Common Name ( <i>Scientific Name</i> )
<b>Ornamentals &amp; Bedding Plants (continued)</b>
Honeysuckle, fly (var. Emerald Mound, Clavey's Dwarf) ( <i>Lonicera xylosteum</i> )
Honeysuckle, Japanese ( <i>Lonicera japonica</i> )
Honeysuckle, morrow ( <i>Lonicera morrowii</i> )
Honeysuckle, tatarian (var. Zabeli) ( <i>Lonicera tatarica</i> )
Hopseed bush, purple (var. Purpurea) ( <i>Dodonaea viscosa</i> )
Impatiens ( <i>Impatiens</i> sp.)
Iris ( <i>Iris</i> sp.)
Iris, African ( <i>Dietes bicolor</i> )
Ivy, grape (var. Ellen Danica) ( <i>Cissus rhombifolia</i> )
Jack-in-the-pulpit ( <i>Arisaema pusillum</i> ) (Mrs. Bradshaw Improved)
Jade plant ( <i>Crassula argentea</i> )
Jasmine, Madagascar ( <i>Stephanotis floribunda</i> )
Lamb's ear ( <i>Stachys lanata</i> )
Lavender, English ( <i>Lavandula vera</i> )
Lavender, French ( <i>Lavandula dentata</i> )
Lavender, cotton ( <i>Santolina chamaecyparissus</i> )
Lilac, Chinese ( <i>Syringa chinensis</i> )
Lilac, common purple (var. Charles Joly, Ludwig Spaeth, Jay tree) ( <i>Syringa vulgaris purpurea</i> )
Lilac, Meyer (var. Palibin) ( <i>Syringa</i> sp.)
Lilac, Korean (var. Miss Kim) ( <i>Syringa patula</i> )
Lilac, mountain ( <i>Ceanothus griseus</i> )
Lily-of-the-Nile, Peter Pan ( <i>Agapanthus africanus</i> )

## Tolerant Plants (continued)

Common Name ( <i>Scientific Name</i> )
<b>Ornamentals &amp; Bedding Plants (continued)</b>
Lily-of-the-valley ( <i>Convallaria majalis</i> )
Lobelia ( <i>Lobelia erinus</i> )
Marigold ( <i>Tagetes</i> sp.)
Mirror plant ( <i>Coprosma baurei</i> )
Mirror plant, variegated ( <i>Coprosma repens</i> )
Moneywort, creeping Jenny ( <i>Lysimachia nummularia</i> )
Moss, rose ( <i>Portulaca grandiflora</i> )
Moss, sandwort ( <i>Arenaria verna</i> )
Pansy, Johnny-jump-up ( <i>Viola tricolor</i> )
Pepper, ornamental ( <i>Capsicum</i> sp.)
Periwinkle, Madagascar ( <i>Catharanthus roseus</i> ) ( <i>Vinca minor</i> )
Petunia ( <i>Petunia</i> sp.)
Phlox, perennial ( <i>Phlox paniculata</i> )
Plantain lily ( <i>Hosta</i> sp.)
Purple loosestrife (var. Morden's Gleam) ( <i>Lythrum virgatum</i> )
Raspberry ice ( <i>Bougainvillea</i> sp.)
Sage ( <i>Salvia greggii</i> )
Sea pinks, thrift ( <i>Armeria maritima</i> )
Sedum, stonecrop ( <i>Sedum</i> x <i>rubrotinctum</i> ) (Lavender cotton)
Shrimpplant ( <i>Justicia brandegeana</i> )
Sky flower, Brazilian ( <i>Duranta stenostachya</i> )
Snail vine ( <i>Vigna caracalla</i> )
Snapdragon ( <i>Antirrhinum majus</i> )
Speedwell, spike ( <i>Veronica spicata</i> )

## Tolerant Plants (continued)

Common Name ( <i>Scientific Name</i> )
<b>Ornamentals &amp; Bedding Plants (continued)</b>
Stative, perennial ( <i>Limonium perezii</i> )
Stock ( <i>Matthiola incana</i> )
Sweetgrass ( <i>Acorus gramineus</i> )
Sweet William ( <i>Dianthus barbatus</i> )
Transvaal daisy ( <i>Gerbera jamesonii</i> )
Trumpet vine, blood red ( <i>Distictis buccinatoria</i> )
Trumpet vine, lavender ( <i>Clytostoma callistegoides</i> )
Trumpet vine, pink ( <i>Pandorea rosea</i> )
Tulip ( <i>Tulipa</i> spp.)
Verbena ( <i>Verbena</i> sp.)
Wandering Jew ( <i>Tradescantia</i> sp.)
Wisteria ( <i>Wisteria sinensis</i> )
Yarrow (var. Cerise Queen) ( <i>Achillea millefolium</i> )
Yarrow, debutante ( <i>Achillea taygetea</i> v.)
Yellow trumpet ( <i>Macfadyena unguis-cati</i> )
Zinnia ( <i>Zinnia elegans</i> )
<b>Ground Covers</b>
Aaron's beard ( <i>Hypericum calycinum</i> )
Aptenia (var. Red apple) ( <i>Aptenia cordifolia</i> )
Bergenia, winter-blooming ( <i>Bergenia crassifolia</i> )
Bugleweed ( <i>Ajuga reptans</i> )
Capeweed ( <i>Arctotheca calendula</i> )
Carpathian, harebell ( <i>Campanula carpatica</i> )
Cinquefoil, spring ( <i>Potentilla tabernaemontani</i> )
Coyotebrush (var. Twin Peaks) ( <i>Baccharis pilularis</i> )
Crownvetch ( <i>Coronilla varia</i> )
Cushion bush ( <i>Calocephalus brownii</i> )

## Tolerant Plants (continued)

Common Name ( <i>Scientific Name</i> )
<b>Ground Covers (continued)</b>
Daisy, Freeway ( <i>Osteospermum</i> )
Daisy, trailing African ( <i>Osteospermum</i> )
Daisy, white African ( <i>Osteospermum fruticosum alba</i> )
Gazania, trailing ( <i>Gazania regens leucolaena</i> )
Green carpet ( <i>Herniaria glabra</i> )
Ivy, Algerian ( <i>Hedera canariensis</i> )
Ivy, Boston ( <i>Parthenocissus tricuspidata</i> )
Ivy, English ( <i>Hedera helix</i> ) (var. California)
Ivy, grape (var. Ellen Danica) ( <i>Cissus rhombifolia</i> )
Ivy, Hahn's (var. Hahnii) ( <i>Hedera helix</i> )
Lantana, lavender ( <i>Lantana montevidensis</i> )
Lilyturf, big blue ( <i>Liriope muscari</i> )
Lippla ( <i>Phyla nodiflora</i> )
Mondo grass ( <i>Ophiopogon japonicus</i> )
Myoporum (var. Prostratum) ( <i>Myoporum parvifolium</i> )
Pachysandra ( <i>Pachysandra terminalis</i> )
Periwinkle ( <i>Vinca major</i> )
Plumbago, dwarf ( <i>Ceratostigma plumbaginoides</i> )
Pork and beans ( <i>Sedum rubrotinctum</i> )
Rosea ice plant ( <i>Drosanthemum floribundum</i> )
Rosemary, dwarf (var. Prostratus) ( <i>Rosmarinus officinalis</i> )
Rupture wort ( <i>Herniaria glabra</i> )
St. Johnswort, creeping ( <i>Hypericum calycinum</i> )
Stonecrop, sedum ( <i>Sedum rubrotinctum</i> )
Verbena ( <i>Verbena officinalis</i> )
Verbena, blue ( <i>Verbena peruviana</i> )

### STORAGE AND DISPOSAL

#### **Pesticide Storage**

**DO NOT** allow this product to freeze. **DO NOT** store below 32° F or above 100° F. Store unused product in original container only, out of reach of children and animals. **NEVER TRANSFER THIS PRODUCT TO ANOTHER CONTAINER FOR STORAGE.**

**Pesticide Disposal and Container Handling Nonrefillable Container. DO NOT** reuse or refill this container.

**If empty:** Place in trash or offer for recycling, if available.

**If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**NOTE:** Buyer assumes all liability, including personal injury and property damage which may result from the use of this product in a manner inconsistent with labeling directions. If these terms are not acceptable, return at once unopened.

### FIRST AID

#### **IF IN EYES:**

- 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:**

- 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.

### FIRST AID (continued)

<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• <b>DO NOT</b> give any liquid to the person.</li><li>• <b>DO NOT</b> induce vomiting unless told by a poison control center or doctor.</li><li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</li></ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>

### HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide information center at 1-800-858-7378.

**NOTES TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS-WARNING

Causes substantial but temporary eye injury. Causes skin irritation. Harmful if absorbed through skin or swallowed. **DO NOT** get in eyes, on skin, or on clothing. Wear long-sleeved shirt, long pants, chemical-resistant gloves made of any waterproof material, protective eyewear, shoes, and socks. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

#### **Re-entry Statement**

**DO NOT** allow people or pets to come into contact with treated areas until spray has dried.

## ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms. 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.

### **Endangered Species Concerns**

The use of any pesticide in a manner that may kill or otherwise harm an endangered or threatened species or adversely modify their habitat is a violation of federal law.

### **Physical and Chemical Hazards**

**COMBUSTIBLE. DO NOT** use or store near heat or open flame.



### **Conditions of Sale and Warranty**

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must 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 use of the product in a manner inconsistent with its labeling, all of which are beyond the control of Bonide Products, Inc. or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

Bonide warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BONIDE MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BONIDE'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BONIDE AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

Bonide 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 signed by a duly authorized representative of Bonide.

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