

OB - 2G

Contains Oryzalin, the active ingredient in Surflan herbicide.

A selective preemergence herbicide for control of certain annual grasses and broadleaf weeds in:

Container-grown ornamentals	Nonbearing berries
Landscape ornamentals	Christmas tree plantations
Nursery stock	Non-cropland
Ground covers	Established tall fescue
Established flowers	and warm season turf (including bahiagrass,
Ornamental bulbs	Bermudagrass, buffalo-
Nonbearing fruit and nut trees and nonbearing vineyards	grass, centipedegrass, St. Augustinegrass, and zoysiagrass)

ACTIVE INGREDIENTS:

.0%
.0%
3.0%
0.0%

Contains 1 pound active ingredient per 50 pound bag

EPA Reg. No. 53883-220-73220

EPA EST. NO. 32802-MO-1

Net Contents:

50 LBS

KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCION

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.)

	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 doc-
	tor for treatment advice.

You may also contact Prosar at 1-800-308-5391 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION: Causes moderate eye irritation. May cause skin allergies to develop. Avoid contact with skin, eyes, or clothing.

For additional precautionary, handling, and use statements, see inside of this booklet.

EPA 050407/Rev A

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All loaders, applicators and other handlers must wear:

- · Long-sleeved shirt and long pants
- · Shoes plus socks
- · Chemical-resistant gloves
- · Chemical-resistant apron (mixers and loaders) gear
- · Chemical-resistant headgear for overhead exposures

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- · Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, 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. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all directions for use carefully before applying. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170, This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. Workers may enter treated areas without required PPE during the reentry interval following 1/2 to 1 inch of rainfall or irrigation if they are performing tasks that do not involve contact with the soil subsurface; otherwise, PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water is:

- Chemical-resistant gloves made of any waterproof material
- · Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for Agricultural Pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses

Entry Restrictions for Non-WPS Uses: Do not enter or allow other people or pets to enter the treated area until dusts have settled. If wateringin is required after the application, except for those people involved in the watering-in, do not enter or allow other people or pets to enter the treated areas until the watering-in is complete and the surface is dry.

GENERAL INFORMATION

PrimeraOne OB-2G herbicide is a preemergence herbicide for control of certain annual grasses and broadleaf weeds in container and landscape ornamentals, nursery stock, ground covers, established tall fescue and warm season turf, established flowers, ornamental bulbs, nonbearing fruit and nut trees and nonbearing vineyards, non-bearing berries, Christmas tree plantations, non-cropland, and established tall fescue and warm season turf (including Bahiagrass, Bermudagrass, buffalograss, centipedegrass, St. Augustinegrass, and zoysiagrass). Apply PrimeraOne OB-2G prior to germination of target weeds or immediately after cultivation. Length of weed control will vary with rate of PrimeraOne OB-2G applied, weed population, potting media or soil conditions, temperature, watering regime, and other factors. Following application, user should monitor and observe level of weed control over time to determine when additional applications may be needed.

General Use Precautions and Restrictions

Do not aerially apply this product.

Do not graze or feed forage from treated areas to livestock.

PrimeraOne OB-2G does not control established weeds. Existing weeds should be controlled by cultivation or with postemergence herbicides. Weed residues, prunings, and trash should be removed or thoroughly mixed into soil prior to treatment. Soil should be in good condition and free of clods at the time of application. When applied to turf, this product must be wateredin as soon as possible after application to dissolve the granules. A single rainfall or irrigation of 0.5 inch or more is required after product application.

For other applications, a single rainfall or sprinkler irrigation of 0.5 inch or more or flood irrigation is required to activate PrimeraOne OB-2G. If rainfall or irrigation has not occurred within 21 days of application and tillage is possible, PrimeraOne OB-2G may be activated using cultivation equipment capable of uniformly mixing the herbicide into the upper 1-2 inches of soil. Failure to activate PrimeraOne OB-2G may result in erratic weed control. Do not apply when wind conditions favor drift of PrimeraOne OB-2G from the

Users who wish to use PrimeraOne OB-2G on plant species not recommended on this label may determine the suitability for such uses by treating a small number of such plants at a recommended rate. Prior to treatment of larger areas, the treated plants should be observed for any sign of herbicidal injury during 30 to 60 days of normal growing conditions to determine if the treatment is noninjurious to the target plant species. The user assumes responsibility for any plant damage or other liability resulting from use of PrimeraOne OB-2G on plant species not recommended on this label.

Application Directions

Apply PrimeraOne OB-2G using a drop or rotary-type spreader designed to apply granular herbicides or insecticides. Calibrate application equipment prior to use according to manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly. Do not use spreaders that apply material in narrow concentrated bands. Avoid skips or overlaps as poor weed control or crop injury may occur. More uniform application may be achieved by spreading half of the required amount of product over the area and then applying the remaining half in swaths at right angles to the first.

Application Techniques for Applying PrimeraOne OB-2G

- · When using a drop-type spreader, a splashboard mounted under the hopper will provide more even granule distribution.
- · A chain fastened to the side of the spreader and allowed to drag on the soil surface can be used to mark the edge of the treated swath and help prevent skips or overlaps.
- · For treating smaller areas or rows of nursery stock or ornamental beds, a hand-held or push-type rotary applicator such as a whirlybird or cyclone unit is recommended. For hand-held units, walk and turn the crank at a constant rate of speed.
- A shaker-type applicator made from a small container with holes punched in the bottom is recommended for small, difficult-to-treat areas. Carefully measure the amount of product needed to avoid overapplication.

Approved Uses

Established* Container-Grown Ornamentals, Established Tall Fescue and Warm Season Turfgrasses, Landscape Ornamentals, Nursery Stock, Ground Covers, Flowers, Ornamental Bulbs, Nonbearing Fruit and Nut Trees and Nonbearing Vineyards, Nonbearing Berries, Christmas Tree Plantations, and Non-cropland. Apply only to established plantings.

*Established plants are defined as those that have been transplanted into their final growing location for a sufficient period of time to allow the soil to be firmly settled around the roots from packing and rainfall or irrigation. Do not apply to seedbeds or seedling transplant beds.

PrimeraOne OB-2G is recommended as a preemergence treatment for control of certain annual grasses and broadleaf weeds in container-grown ornamentals, landscape ornamentals, nursery stock, ground covers, established tall fescue, warm season turfgrasses, established flowers, ornamental bulbs, nonbearing fruit and nut trees and nonbearing vineyards, nonbearing berries. Christmas tree plantations, and non-cropland, Apply PrimeraOne OB-2G prior to germination of target weeds or immediately after cultivation.

Broadcast Application Rates:

Labeled Use Site	PrimeraOne OB-2G		Minimum Time Between Applica-	Total Amount Allowed Per
Landscape Ornamentals	(lb/acre) 200	(lb/1000 sq ft) 4.6	tions (months) 2	Year (Ib/acre) 400
Field-grown and container- grown orna- mentals	300	6.9	4	600

Note: Refer to the "General Information" section of this label for general use precautions and information on application.

Note: The maximum number of applications per year is two (2).

Use Precautions

To avoid possible plant injury, do not apply PrimeraOne OB-2G to:

- · Plants or areas in greenhouses or other enclosed structures.
- Plants that will bear fruits, berries, or nuts within 12 months of application.
- Nursery seedbeds or forest or Christmas tree seedling transplant beds.
- Unrooted liners or cuttings that have been planted in pots for the first time.
- · Pots less than four inches wide.
- · Groundcovers until they are established and well rooted.
- · Ornamental plantings where the likelihood of runoff onto lawn areas containing dichondra or cool season turfgrass species exists.
 - . Do not apply PrimeraOne OB-2G to the following plant species or injury may occur:

Begonia spp. (begonia)

Coleus hybridus (coleus)

Deutzia gracilis (slender deutzia)

Pseudotsuga menziesii (Douglas-fir) Thuja occidentalis 'Techny' (Techny arborvitae)

Tsuga canadensis (eastern hemlock)

Ice Plant: When establishing unrooted ice plant (Mesembryanthemum crystallinum and Carpobrutus edulis) on coarse soils, do not exceed the 200 lb/acre rate of PrimeraOne OB-2G or crop injury may occur. After the ice plant is well established, a second application may be made

Unlisted plant species: Users who wish to use PrimeraOne OB-2G on plant species not recommended on this label may determine the suitability for such uses by treating a small number of such plants at a recommended rate. Prior to treatment of larger areas, the treated plants should be observed for any sign of herbicidal injury during 30 to 60 days of normal growing conditions to determine if the treatment is noninjurious to the target plant species. The user assumes responsibility for any plant damage or other liability resulting from use of PrimeraOne OB-2G on plant species not recommended on this label.

Weeds Controlled or Suppressed

Weeds controlled when PrimeraOne OB-2G is applied at a rate of 200 to 300 pounds per acre (4.6 to 6.9 pounds per 1000 sq ft):

Annual Grasses: Common Name	Scientific Name
barley, little	Hordeum pusillum
barnyardgrass	Echinochloa crus-galli
bluegrass, annual	Poa annua
crabgrass	Digitaria spp.
crowfootgrass	Dactyloctenium aegyptium
cupgrass, southwestern	Eriochloa gracilis
foxtail	Setaria spp.
goosegrass	Eleusine indica
johnsongrass (seedling only)	Sorghum halepense
junglerice	Echinochloa colonum
lovegrass, Mexican	Eragrostis mexicana
lovegrass, orcutt	Eragrostis orcuttiana
oat, wild	Avena fatua
panicum, browntop	Panicum fasciculatum
panicum, fall	Panicum dichotomiflorum
panicum, Texas	Panicum texanum
ryegrass, Italian	Lolium multiflorum
sandbur, field	Cenchrus incertus
signalgrass	Brachiaria spp.
sprangletop, red	Leptochloa filiformis
witchgrass	Panicum capillare
witchgrass	Panicum capillare
witchgrass Broadleaf Weeds: Common Name	Panicum capillare Scientific Name
Broadleaf Weeds:	
Broadleaf Weeds: Common Name	Scientific Name
Broadleaf Weeds: Common Name bittercress	Scientific Name Cardamine oligosperma Mollugo verticillata Stellaria media
Broadleaf Weeds: Common Name bittercress carpetweed	Scientific Name Cardamine oligosperma Mollugo verticillata
Broadleaf Weeds: Common Name bittercress carpetweed chickweed, common	Scientific Name Cardamine oligosperma Mollugo verticillata Stellaria media
Broadleaf Weeds: Common Name bittercress carpetweed chickweed, common fiddleneck, coast	Scientific Name Cardamine oligosperma Mollugo verticillata Stellaria media Amsinckia intermedia
Broadleaf Weeds: Common Name bittercress carpetweed chickweed, common fiddleneck, coast filaree, redstem	Scientific Name Cardamine oligosperma Mollugo verticillata Stellaria media Amsinckia intermedia Erodium cicutarium
Broadleaf Weeds: Common Name bittercress carpetweed chickweed, common fiddleneck, coast filaree, redstem filaree, whitestem	Scientific Name Cardamine oligosperma Mollugo verticillata Stellaria media Amsinckia intermedia Erodium cicutarium Erodium moschatum
Broadleaf Weeds: Common Name bittercress carpetweed chickweed, common fiddleneck, coast filaree, redstem filaree, whitestem groundsel, common	Scientific Name Cardamine oligosperma Mollugo verticillata Stellaria media Amsinckia intermedia Erodium cicutarium Erodium moschatum Senecio vulgaris
Broadleaf Weeds: Common Name bittercress carpetweed chickweed, common fiddleneck, coast filaree, redstem filaree, whitestem groundsel, common henbit	Scientific Name Cardamine oligosperma Mollugo verticillata Stellaria media Amsinckia intermedia Erodium cicutarium Erodium moschatum Senecio vulgaris Lamium amplexicaule
Broadleaf Weeds: Common Name bittercress carpetweed chickweed, common fiddleneck, coast filaree, redstem filaree, whitestem groundsel, common henbit knotweed, prostrate	Scientific Name Cardamine oligosperma Mollugo verticillata Stellaria media Amsinckia intermedia Erodium cicutarium Erodium moschatum Senecio vulgaris Lamium amplexicaule Polygonum aviculare
Broadleaf Weeds: Common Name bittercress carpetweed chickweed, common fiddleneck, coast filaree, redstem filaree, whitestem groundsel, common henbit knotweed, prostrate lambsquarters, common	Scientific Name Cardamine oligosperma Mollugo verticillata Stellaria media Amsinckia intermedia Erodium cicutarium Erodium moschatum Senecio vulgaris Lamium amplexicaule Polygonum aviculare Chenopodium album
Broadleaf Weeds: Common Name bittercress carpetweed chickweed, common fiddleneck, coast filaree, redstem groundsel, common henbit knotweed, prostrate lambsquarters, common pigweed puncturevine purslane, common	Scientific Name Cardamine oligosperma Mollugo verticillata Stellaria media Amsinckia intermedia Erodium cicutarium Erodium moschatum Senecio vulgaris Lamium amplexicaule Polygonum aviculare Chenopodium album Amaranthus spp. Tribulus terrestris Portulaca oleracea
Broadleaf Weeds: Common Name bittercress carpetweed chickweed, common fiddleneck, coast filaree, redstem groundsel, common henbit knotweed, prostrate lambsquarters, common pigweed puncturevine	Scientific Name Cardamine oligosperma Mollugo verticillata Stellaria media Amsinckia intermedia Erodium cicutarium Erodium moschatum Senecio vulgaris Lamium amplexicaule Polygonum aviculare Chenopodium album Amaranthus spp. Tribulus terrestris
Broadleaf Weeds: Common Name bittercress carpetweed chickweed, common fiddleneck, coast filaree, redstem groundsel, common henbit knotweed, prostrate lambsquarters, common pigweed puncturevine purslane, common	Scientific Name Cardamine oligosperma Mollugo verticillata Stellaria media Amsinckia intermedia Erodium cicutarium Erodium moschatum Senecio vulgaris Lamium amplexicaule Polygonum aviculare Chenopodium album Amaranthus spp. Tribulus terrestris Portulaca oleracea
Broadleaf Weeds: Common Name bittercress carpetweed chickweed, common fiddleneck, coast filaree, redstem groundsel, common henbit knotweed, prostrate lambsquarters, common pigweed puncturevine purslane, common pusley, Florida	Scientific Name Cardamine oligosperma Mollugo verticillata Stellaria media Amsinckia intermedia Erodium cicutarium Erodium moschatum Senecio vulgaris Lamium amplexicaule Polygonum aviculare Chenopodium album Amaranthus spp. Tribulus terrestris Portulaca oleracea Richardia scabra
Broadleaf Weeds: Common Name bittercress carpetweed chickweed, common fiddleneck, coast fillaree, redstem fillaree, whitestem groundsel, common henbit knotweed, prostrate lambsquarters, common pigweed puncturevine purslane, common pusley, Florida rocket, London	Scientific Name Cardamine oligosperma Mollugo verticillata Stellaria media Amsinckia intermedia Erodium cicutarium Erodium moschatum Senecio vulgaris Lamium amplexicaule Polygonum aviculare Chenopodium album Amaranthus spp. Tribulus terrestris Portulaca oleracea Richardia scabra Sisymbrium irio
Broadleaf Weeds: Common Name bittercress carpetweed chickweed, common fiddleneck, coast fillaree, redstem fillaree, whitestem groundsel, common henbit knotweed, prostrate lambsquarters, common pigweed puncturevine purslane, common pusley, Florida rocket, London rockpurslane, desert	Scientific Name Cardamine oligosperma Mollugo verticillata Stellaria media Amsinckia intermedia Erodium cicutarium Erodium moschatum Senecio vulgaris Lamium amplexicaule Polygonum aviculare Chenopodium album Amaranthus spp. Tribulus terrestris Portulaca oleracea Richardia scabra Sisymbrium irio Calandrinia

The following weeds will be partially controlled or suppressed at 200 to 300

Common Name	Scientific Name
horseweed	Conyza canadensis
ladysthumb	Polygonum persicaria
lettuce, prickly	Lactuca serriola
mallow, common	Malva neglecta
milkweed, climbing	Sarcostemma cynanchoides
morningglory	Ipomoea spp.
mustard, black	Brassica nigra
mustard, wild	Brassica kaber
nightshade, black	Solanum nigrum
ragweed, common	Ambrosia artemisiifolia
smartweed	Polygonum pensylvanicum
sowthistle, annual	Sonchus oleraceus
spurge, spotted	Euphorbia maculata
teaweed (prickly sida)	Sida spinosa
velvetleaf	Abutilon theophrasti
wheat, volunteer	Triticum spp.

PrimeraOne OB-2G May Be Used On The Following Established Plant Species: (Note limitations on recommended treatment methods.)

Recommended Treatment Method:

C = Container-Grown

F = Field-Grown

Scientific Name/Common Name

Abies balsamea	
Balsam fir	F
Abies concolor	
White fir	F
Abies fraser	
Fraser fir	F
Abies grandis	
Grand fir	F
Abies lasiocarpa	
Alpine fir	F
Abies veitchi	
Veitch fir	F
Abutilon hybridum	
Albus flowering maple	F
Luteus flowering maple	F
Roseus flowering maple	F
Tangerine flowering maple	F
Vesuvius red flowering maple	F
Acer spp.	
Maple	F
Arecastrum romanzoffianum	
Queen palm	F
Betula papyrifera	
Paper birch	F
Betula nigra	
River birch	F
Betula pendula	
White birch	F
Bucida buceras	
Black olive	F

		'	
Ceratonia siliqua		Picea abies	
Carob	F	Norway spruce	F
Cercidium floridum		Picea engelmanni	
Blue palo verde	F	Engelmann spruce	F
Cercis canadensis		Picea glauca	
Redbud	C, F	Conica-dwarf Alberta spruce	E
Chamaecyparis lawsoniana	_	White spruce	F
Lawson falsecypress	F	Picea mariana	_
Chamaecyparis obtusa spp.	_	Black spruce	F
Filicoides-fernspray cypress	F	Picea pungens spp.	_
Gracilis-slender Hinoki cypress	F	Glauca-Colorado blue spruce	F
Chamaecyparis pisifera Sawara-false cypress	F	Hoopsii-Hoop's blue spruce Koster-Koster blue spruce	F
Squarrosa-moss cypress	F	Pinus spp.	Г
Chamaedorea cataractarum	Г	Pine	C.
Cat palm	F	Platanus occidentalis	O,
Chamaedorea costaricana	•	American sycamore	F
Palm	F	Platanus racemosa	
Chamaedorea elegans	•	California sycamore	F
Parlor palm	F	Podocarpus spp.	
Cornus florida		Podocarpus	F
Flowering dogwood	F	Populus deltoids	
Crupaniopsis anacardioides		Cottonwood	F
Carrot wood	F	Prunus caroliniana	
Cryptomeria japonica		Carolina laurelcherry	F
Japanese cryptomeria	C,F	Prunus laurocerasus	-
Cupressus glabra	-,-	English laurelcherry	F
Arizona cypress	C.F	Prunus mahaleb	-
Cupressus sempervirens	-,-	Mahaleb cherry	F
Italian cypress	CF	Prunus yedoensis	
Elaeagnus angustifolia		Yoshino flowering cherry	F
Russian olive	C,F	Quercus spp.	
Eucalyptus cinerea		Oak	C,
Mealy eucalyptus	F	Salix babylonica	
Silver dollar eucalyptus	F	Babylon weeping willow	F
Eucalyptus camaldulensis		Corkscrew willow	F
Red gum eucalyptus	F	Schinus molle	
Eucalyptus nicholii		California pepper tree	F
Narrow-leaved eucalyptus	F	Sequoiadendron giganteum	_
Eucalyptus sideroxylon		Giant sequoia	F
Red ironbark eucalyptus	F	Sequoia sempervirens	_
icus benjamina	_	Coast redwood	F
Ficus	F	Swietenia mahogany	_
Fraxinus spp.	_	Mahogany	F
Ash	F	Tabebuia caraiba	_
Ginkgo biloba	0.5	Yellow tab	F
Maidenhair tree	C,F	Tilia cordata	_
Gleditsia triacanthos	F	Littleleaf linden	C,
Honey Locust	F	Thuja plicata	F
Heteromeles arbutiflora	F	Western redcedar	F
Toyon	F	Ulmus parvifolia Chinese Elm	F
luniperus virginiana	F		F
Eastern redcedar	F	Umbellularia califomica	F
Kalmia latifolia	F	California laurel	F
Mountain laurel	F	Washingtonia robusta	F
Koelreuteria paniculata Goldenrain tree	F	Mexican fan palm	г
	F	Ornamental Shrubs	
iquidambar styraciflua	C,F	Recommended Treatment Method:	
American sweet gum Magnolia grandiflora	С ,Г	C = Container-Grown	
Southern magnolia	F	F = Field-Grown	
Soutnern magnolia Malus spp.	Г	Scientific Name/Common Name	
Valus spp. Crabapple	F		
Orabappie Morus alba	г	Abelia grandiflora	_
White mulberry	F	Glossy abelia	F
	Г	Acacia redolens	_
Olaa aurinaaa			
Olea euripaea Olive	F	Prostrate acaci	F

	•	
	Cytisus praecox	
F	Holandia-warminster broom	F
	Cytisus scoparius	
F	Lena-Scotch broom	F
F		F
0.5		F
C,F		F
_		F
Г		Г
CF		C,F
		0,1
		F
٥,.		•
F		C,F
F		C,F
F	Stringybark euonymus	C,F
F	Wintercreeper	C,F
	Euonymus japonica	
C,F	Evergreen euonymus	C,F
F	Silver king euonymus	F
	Euonymus kiautschovica	
C,F		F
C,F		C,F
		_
C,F		F
_		0.5
		C,F
		F
F		F
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		F
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F		F
		F
C.F		F
٥,.		•
F	St. Johnswort	F
	llex aquifolium	
C,F	Balkans holly	F
	English holly	F
F	Gold coast holly	F
	Ilex aquipernyi	
F		C,F
C,F		C,F
		C,F
F		
		C,F
C,F		C,F
0.5		C,F
C,F		C,F
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F		F
•		'
C.F	Nana-dwarf yaupon holly	C.F
○ ,1	Pendula-weeping yaupon holly	C,F
		O,1
F		CF
F	Yaupon holly Juniperus spp.	C,F
	F C,F C,F C,F C,F C,F C,F C,F C	F

Justicia brandegeana		Temple bells lily-of-the-valley
Shrimp plant	C.F	Valley rose lily-of-the-valley
Justicia spicigera	3,1	Pittosporum spp.
Mexican honeysuckle	F	Pittosporum
Lagerstroemia indica	•	Platycladus orientalis
Crape myrtle	C,F	Oriental arborvitae
Leucothoe axillaris	٥,.	Plumbago ariculata
Coast leucothoe	F	Blue cape plumbago
Leucothoe fontanesiana	•	Podocarpus macrophyllus
Drooping leucothoe	F	Yewpine
Ligustrum amurense		Potentilla fragiformis
Amur privet	C,F	Cinquefoil
Ligustrum japonicum	-,	Potentilla fruticosa
Japanese privet	C.F	Cinquefoil
Yellow tip ligustrum	C,F	Protea neriifolia
Ligustrum texanum	-,	Protea
Wax leaf privet	F	Pyracantha coccinea
Howardi privet	F	Scarlet forethom
Ligustrum lucidum		Pyracantha fortuneana
Glossy privet	C,F	Lalendel Monrovia pyracantha
Ligustrum ovalifolium	,	Monon pyracantha
California privet	F	Red elf hybrid pyracantha
Ligustrum vicaryi		Rutgers hybrid pyracantha
Vicary golden privet	C,F	Santa Cruz pyracantha
Livistona chinensis		Victory pyracantha
Chinese fountain palm	F	Pyracantha skoidzumi
Lonicera fragrantissima		Formosa firethom
Winter honeysuckle	F	Rhaphiolepis indica
Lonicera periclymenum		Enchantress-Moness rhaphiolepis
Flowering woodbine	F	India hawthorn
Serotina woodbine	F	Springtime-Monme rhaphiolepis
Lonicera sempervirens		Rhaphiolepis ovata
Trumpet honeysuckle	F	Round-leaf rhaphiolepis
Mahonia aquifolium		Rhipsalidopsis gaetneri
Oregon grape	F	Easter cactus
Myoporum parvifolium		Rhododendron spp.
Prostrate myoporum	F	Azalea
Myrtus communis		Rhododendron
True myrtle	C,F	Rhus lancea
Nandina domestica		African sumac
Compacta-dwarf heavenly bamboo	C,F	Rosa rugosa
Harbour-dwarf heavenly bamboo	C,F	Ramanas rose
Heavenly bamboo	C,F	Rosmarinus officinalis
Nana compacta- heavenly bamboo	C,F	Rosemary
Nana purpurea-heavenly bamboo	C,F	Spiraea vanhouttei
Woods-dwarf heavenly bamboo	C,F	Bridal wreath
Nerium oleander		Syringa vulgaris
Hardy red oleander	C,F	Common lilac
Oleander	C,F	Syzygium paniculata
Ruby lace oleander	C,F	Brush cherry
Osmanthus heterophyllus		Taxus cuspidata
Holly-leaf osmanthus	F	Japanese yew
Pachysandra terminalis		Taxus media
Japanese spurge	F	Yew
Philadelphus spp.		Thuja occidentalis
Mockorange	C,F	American arborvitae
Phoenix roebelenii	-,	Emerald arborvitae
Pygmy date palm	F	Globosa-globe arborvitae
Photinia fraseri		Little Giant-dwarf arborvitae
Fraser's photinia	C,F	Nigra-dark American arborvitae
Picea abies	-,-	Pyramidalis arborvitae
Repens-spreading Norway spruce	F	Rheingold arborvitae
Pendula-weeping Norway spruce	F	Woodwardii arborvitae
Pieris japonica	•	Thuja orientalis
	C.F	
Andromeda		
Andromeda Lily-of-the-valley	C,F F	Aurea nana-dwarf golden arborvitae Minima glauca-dwarf arborvitae

C,F C,F C,F C,F C,F

C,F

F C,F F

F C,F C,F C,F

C,F

FFFFFFF

F F

Trachelospermum jasminoides		and the second s	
Chinese star jasmine	F	<i>Hosta</i> spp. Plantain lily	C,F
Veitchia merilli	'	Hypericum spp.	0,1
Christmas palm	F	St. Johnswort	F
Viburnum davidii		Lampranthus spectabilis	
David viburnum	F	Red trailing iceplant	F
Viburnum japonicum		Liriope gigantea	
Viburnum	F	White lily turf	F
Viburnum opulus sterile		Liriope muscari	
Eastern snowball viburnum	F	Big blue lily turf	C,F
Viburnum plicatum tomentosum	F	Lilac beauty lily turf	C,F
Doublefile viburnum Viburnum x pragense	F	Majestic lily turf Monroe white lily turf	C,F C,F
Viburnum Viburnum	F	Silvery sunproof lily turf	C,F
Viburnum setigerum	'	Variegated liriope lily turf	C,F
Tea viburnum	F	Lonicera japonica	0,1
Viburnum suspensum	•	Japanese honeysuckle	F
Sandankwa viburnum	F	Mesembryanthemum crystallinum	-
Viburnum tinus		Ice plant	F
Compactum-spring bouquet viburnum	F	Ophiopogon japonicus	
Laurastinus viburnum	C,F	Mondo grass	F
Viburnum trilobum		Osteospermum fruticosum	
Compactum-dwarf cranberry bush	F	Trailing African daisy	F
Weigela florida		Sedum brevifolium	_
Java red weigela	E	Stonecrop	F
Bristol ruby weigela	F	Trachelospermum jasminoides	_
Minuet weigela	F	Chinese star jasmine	F
Xylosma congestum	F	<i>Vinca major</i> Bigleaf periwinkle	F
Xylosma Yucca elate	Г	Vinca minor	г
Soaptree yucca	C.F	Dwarf periwinkle	F
Yucca recurvifolia	0,1	·	
Pendulous yucca	F	Established Flowers	
•	·	Recommended Treatment Method:	
Ground Covers		C = Container-Grown F = Field-Grown	
Recommended Treatment Method: C = Container-Grown F = Field-Grown		Scientific Name/Common Name	
Scientific Name/Common Name		<i>Achillea</i> spp. Yarrow	F
		Antirrhinum majus	г
Agananthus africanus			
	CE		F
Lily-of-the-Nile	C,F	Snapdragon	F
Lily-of-the-Nile <i>Ajuga</i> spp.	C,F F	Snapdragon Caladium bicolor	F F
Lily-of-the-Nile <i>Ajuga</i> spp. Carpet bugle	-,	Snapdragon <i>Caladium bicolor</i> Fancy-leaved caladium	•
Lily-of-the-Nile <i>Ajuga</i> spp. Carpet bugle	-,	Snapdragon Caladium bicolor	•
Lily-of-the-Nile Ajuga spp. Carpet bugle Arctotheca calendula Cape weed	F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum	F
Lily-of-the-Nile Ajuga spp. Carpet bugle Arctotheca calendula Cape weed	F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy	F
Lily-of-the-Nile Ajuga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Bellflower Carpobrotus edulis	F F C,F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium	F F
Lily-of-the-Nile Ajuga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Bellflower Carpobrotus edulis Largeleaf iceplant	F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum	F F
Lily-of-the-Nile Ajuga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Belliflower Carpobrotus edulis Largeleaf iceplant Clytostoma callistegioides	F F C,F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum Coreopsis lanceolate	F F F
Lily-of-the-Nile Ajuga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Bellflower Carpobrotus edulis Largeleaf iceplant Clytostoma callistegioides Violet trumpet vine	F F C,F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum Coreopsis lanceolate Coreopsis	F F
Lily-of-the-Nile Ajuga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Bellflower Carpobrotus edulis Largeleaf iceplant Clytostoma callistegioides Violet trumpet vine Cortaderia selloana	F F C,F F C,F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum Coreopsis lanceolate Coreopsis Dianthus barbatus	F F F F
Lily-of-the-Nile A/juga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Bellflower Carpobrotus edulis Largeleaf iceplant Clytostoma callistegioides Violet trumpet vine Cortaderia selloana Pampas grass	F F C,F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum Coreopsis lanceolate Coreopsis Dianthus barbatus Sweet William	F F F
Lily-of-the-Nile Ajuga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Belliflower Carpobrotus edulis Largeleaf iceplant Clytostoma callistegicides Violet trumpet vine Cortaderia selloana Pampas grass Delosperma alba	F F C,F F C,F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum Coreopsis lanceolate Coreopsis Dianthus barbatus Sweet William Dicentra spectabilis	F F F F F
Lily-of-the-Nile Ajuga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Belliflower Carpobrotus edulis Largeleaf iceplant Clytostoma callistegioides Violet trumpet vine Cortaderia selloana Pampas grass Delosperma alba White iceplant	F F C,F F C,F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum Coreopsis lanceolate Coreopsis Dianthus barbatus Sweet William Dicentra spectabilis Bleeding heart	F F F F
Lily-of-the-Nile A/juga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Bellflower Carpobrotus edulis Largeleaf iceplant Clytostoma callistegioides Violet trumpet vine Cortaderia selloana Pampas grass Delosperma alba White iceplant Drosanthemum floribundum	F F C,F F F F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum Coreopsis lanceolate Coreopsis Dianthus barbatus Sweet William Dicentra spectabilis Bleeding heart Dimorphotheca spp.	F F F F F C,F
Lily-of-the-Nile Ajuga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Belliflower Carpobrotus edulis Largeleaf iceplant Clytostoma callistegioides Violet trumpet vine Cortaderia selloana Pampas grass Delosperma alba White iceplant Drosanthemum floribundum Trailing rosea iceplant	F F C,F F C,F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum Coreopsis lanceolate Coreopsis Dianthus barbatus Sweet William Dicentra spectabilis Bleeding heart Dimorphotheca spp. Cape marigold	F F F F F
Lily-of-the-Nile Ajuga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Belliflower Carpobrotus edulis Largeleaf iceplant Clytostoma callistegioides Violet trumpet vine Cortaderia selloana Pampas grass Delosperma alba White iceplant Drosanthemum floribundum Trailing rosea iceplant Festuca ovine	F F C,F F F F F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum Coreopsis lanceolate Coreopsis Dianthus barbatus Sweet William Dicentra spectabilis Bleeding heart Dimorphotheca spp. Cape marigold Echinacea purpurea	F F F F C,F
Lily-of-the-Nile A/juga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Bellflower Carpobrotus edulis Largeleaf iceplant Clytostoma callistegioides Violet trumpet vine Cortaderia selloana Pampas grass Delosperma alba White iceplant Drosanthemum floribundum Trailling rosea iceplant Festuca ovine Blue fescue	F F C,F F F F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum Coreopsis lanceolate Coreopsis Dianthus barbatus Sweet William Dicentra spectabilis Bleeding heart Dimorphotheca spp. Cape marigold Echinacea purpurea Purple coneflower	F F F F F C,F
Lily-of-the-Nile Ajuga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Bellflower Carpobrotus edulis Largeleaf iceplant Clytostoma callistegioides Violet trumpet vine Cortaderia selloana Pampas grass Delosperma alba White iceplant Drosanthemum floribundum Trailing rosea iceplant Festuca ovine Blue fescue Gazania spp.	F F C,F F F F F F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum Coreopsis lanceolate Coreopsis Dianthus barbatus Sweet William Dicentra spectabilis Bleeding heart Dimorphotheca spp. Cape marigold Echinacea purpurea Purple coneflower Geum quellyon	F F F F C,F
Lily-of-the-Nile Ajuga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Belliflower Carpobrotus edulis Largeleaf iceplant Clytostoma callistegioides Violet trumpet vine Cortaderia selloana Pampas grass Delosperma alba White iceplant Drosanthemum floribundum Trailling rosea iceplant Festuca ovine Blue fescue Gazania spp. Gazania	F F C,F F F F F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum Coreopsis lanceolate Coreopsis Dianthus barbatus Sweet William Dicentra spectabilis Bleeding heart Dimorphotheca spp. Cape marigold Echinacea purpurea Purple coneflower	F F F C,F F
Lily-of-the-Nile Ajuga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Belliflower Carpobrotus edulis Largeleaf iceplant Clytostoma callistegioides Violet trumpet vine Cortaderia selloana Pampas grass Delosperma alba White iceplant Drosanthemum floribundum Trailing rosea iceplant Festuca ovine Blue fescue Gazania	F F C,F F F F F F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum Coreopsis lanceolate Coreopsis Dianthus barbatus Sweet William Dicentra spectabilis Bleeding heart Dimorphotheca spp. Cape marigold Echinacea purpurea Purple coneflower Geum quellyon Geum	F F F C,F F
Lily-of-the-Nile Ajuga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Belliflower Carpobrotus edulis Largeleaf iceplant Clytostoma callistegioides Violet trumpet vine Cortaderia selloana Pampas grass Delosperma alba White iceplant Drosanthemum floribundum Trailing rosea iceplant Festuca ovine Blue fescue Gazania spp. Gazania Hedera canariensis Algerian ivy Hedera helix	F F C,F F F F F F F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum Coreopsis lanceolate Coreopsis Dianthus barbatus Sweet William Dicentra spectabilis Bleeding heart Dimorphotheca spp. Cape marigold Echinacea purpurea Purple coneflower Geum quellyon Geum Gladiolus hortulanus Gladiolus Gypsophila paniculata	F F F C,F F
Lily-of-the-Nile Ajuga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Bellflower Carpobrotus edulis Largeleaf iceplant Clytostoma callistegioides Violet trumpet vine Cortaderia selloana Pampas grass Delosperma alba White iceplant Drosanthemum floribundum Trailing rosea iceplant Festuca ovine Blue fescue Gazania Hedera canariensis Algerian ivy Hedera helix English ivy	F F C,F F F F F F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum Coreopsis lanceolate Coreopsis Dianthus barbatus Sweet William Dicentra spectabilis Bleeding heart Dimorphotheca spp. Cape marigold Echinacea purpurea Purple coneflower Geum quellyon Geum Gladiolus hortulanus Gladiolus Gypsophila paniculata Baby's breath	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
Ajuga spp. Carpet bugle Arctotheca calendula Cape weed Campanula elatines Belliflower Carpobrotus edulis Largeleaf iceplant Clytostoma callistegioides Violet trumpet vine Cortaderia selloana Pampas grass Delosperma alba White iceplant Drosanthemum floribundum Trailing rosea iceplant Festuca ovine Blue fescue Gazania spp. Gazania Hedera canariensis Algerian ivy Hedera helix	F F C,F F F F F F F	Snapdragon Caladium bicolor Fancy-leaved caladium Chrysanthemum coccineum Painted daisy Chrysanthemum maximum Shasta daisy Chrysanthemum morifolium Chrysanthemum Coreopsis lanceolate Coreopsis Dianthus barbatus Sweet William Dicentra spectabilis Bleeding heart Dimorphotheca spp. Cape marigold Echinacea purpurea Purple coneflower Geum quellyon Geum Gladiolus hortulanus Gladiolus Gypsophila paniculata	F F F C,F F

Iris spp.	
Bearded iris	F
Liatris spicata	<u> </u>
Blazing star Pelargonium hortorum	C,I
Geranium	F
Petunia spp.	
Petunia	F
Portulaca grandiflora	
Rose moss	F
Ranunculus asiaticus Persian ranunculus	F
Rosa spp.	г
Rose	F
Rudbeckia hirta	
Gloriosa daisy/black-eyed susan	F
Salvia spp.	_
Sage	F
Stokesia laevis Stokes aster	F
Strelitzia reginae	
Bird of paradise	F
Tagetes spp.	
Marigold	F
Viola wittrockiana	_
Pansy	F
Zinnia elegans Common zinnia	F
Oommon Ziiiila	

Nonbearing Fruit and Nut Trees and Nonbearing Vineyards

Recommended Treatment Method:

C = Container-Grown Common Name F = Field-Grown

Common Name	
Almond	F
Apple	F
Apricot	F
Avocado	F
Cherry, sour	F
Cherry, sweet	F
Fig	F
Filbert	F
Grape, American	F
Grape, European	F
Grapefruit	F
Kiwi	F
Kumquat	C,
Lemon	F
Macadamia nut	F
Nectarine	F
Olive	
Orange	C,
Peach	F
Pear	F
Pecan	C,
Pistachio	F
Plum	F
Pomegranate	F
Prune	F
Walnut, black	F
Walnut, English	F

Nonbearing fruit and nut trees and nonbearing vineyards are defined as plants that will not bear fruit for at least one year after treatment. Do not apply to plants that will bear fruits, berries, or nuts within 12 months of application.

Nonbearing Berries

Recommended

Treatment Method:

C = Container-Grown F = Field-Grown

Common Name	
Blackberry	F
Blueberry	F
Boysenberry	F
Currant	F
Dewberry	F
Elderberry	F
Gooseberry	F
Loganberry	F
Raspberry	F

Nonbearing berries are defined as plants that will not bear berries for at least one year after treatment. Do not apply to plants that will bear fruits, berries, or nuts within 12 months of application.

ORNAMENTAL BULBS

Special Use Precautions

Do not apply to tulip plants that have emerged to a height greater than 3/4 inch. Deep till prior to planting any crop after this use. Do not apply to gladioli prior to emergence or to plants less than one inch in diameter.

Note: For fall application to coarse soils, the maximum number of applications per year is two (2). From February through March; applications to all soils is limited to three (3) applications per year.

Application Rates, Frequency, and Timing of Applications

PrimeraOne OB-2G may be applied for annual weed control in ornamental bulbs such as bulbous iris, daffodil (narcissus), hyacinth, and tulip. Apply PrimeraOne OB-2G to the soil surface two (2) to four (4) weeks after planting and final hilling but prior to the emergence of annual weeds. PrimeraOne OB-2G may also be applied following bulb emergence. For fall-planted bulbs, apply PrimeraOne OB-2G again in late winter or early spring to weedfree soil surfaces.

Broadcast Application Rates

Time of Appli-	Soil	Prime	raOne OB-2G	Minimum Time Between Applica- tions	Total Amount Allowed Per Year (lb/acre)
cation	Texture	(lb/acre)	(lb/1000 sq ft)	(months)	(,
Fall	Coarse	75	1.7	3	150
Fall	Medium and Fine	150	3.4	3	225
Feb March	All Soil Tex- tures	75	1.7	3	225

CHRISTMAS TREE PLANTATIONS

Apply PrimeraOne OB-2G to established plantings of labeled field-grown Christmas tree species prior to germination of target weeds. Do not apply to Douglas fir (Pseudotsuga menziesii) or Eastern hemlock (Tsuga canadensis). Do not apply to seedbeds or seedling transplant beds. Apply only to established plantings. Established plants are defined as those that have been transplanted into their final growing location for a sufficient period of time to allow the soil to be firmly settled around the roots from packing and rainfall or irrigation.

Broadcast Application Rates

	Primera	aOne OB-2G	Minimum Time Between Applications	Total Amount Allowed
Length of Control	(lb/acre)	(lb/1000 sq ft)	1.1	Per Year (lb/acre)
2 - 4 months	200	4.6	2	400

Note: Refer to the "General Information" section of this label for general use precautions and information on application. Refer to "Approved Uses" section of this label for special use precautions and information on weeds controlled

Note: The maximum number of applications per year is two (2).

NON-CROPLAND AREAS: INDUSTRIAL SITES, UTILITY SUBSTATIONS, HIGHWAY GUARDRAILS, SIGN POSTS, AND DELINEATORS PrimeraOne OB-2G is recommended as a preemergence treatment for

control of certain annual grasses and broadleaf weeds on industrial sites, utility substations, highway guardrails, sign posts, and delineators. Apply PrimeraOne OB-2G prior to germination of target weeds. Areas to be treated should be free of established weeds or existing weeds should be controlled with postemergence herbicides.

Broadcast Application Rates

Length of	PrimeraOne OB-2G		PrimeraOne OB-2G Minimum Time Between Applications	
Control	(lb/acre)	(lb/1000 sq ft)	(months)	(lb/acre)
2 - 4 months	200	4.6	2	400

Note: Refer to the "General Information" section of this label for general use precautions and information on application. Refer to "Approved Uses" section of this label for special use precautions and information on weeds

Note: The maximum number of applications per year is two (2).

WARM SEASON TURFGRASSES

PrimeraOne OB-2G may be applied as a preemergence treatment for control of annual grasses and certain broadleaf weeds in established warm season turf including Bahiagrass, Bermudagrass, buffalograss, centipedegrass, St. Augustinegrass and zoysiagrass or established tall fescue growing in warm season areas. Established turf is defined as a dense turf having a well-anchored root system and healthy, vigorous top growth.

Successful preemergence control of weeds listed on this label requires that PrimeraOne OB-2G be applied prior to weed germination and be activated by at least one-half (1/2) inch of rainfall or irrigation within 21 days of application.

Use Precautions:

To avoid possible injury, do not apply PrimeraOne OB-2G to:

- · Cool season turfgrass species other than tall fescue.
- Lawns containing dichondra or cool season turfgrass species.
- · Golf course putting greens or tees.
- . Turfgrass in the spring that was planted the previous fall.
- · Newly sprigged or sodded areas of Bermudagrass, St. Augustinegrass, centipedegrass, zoysiagrass or tall fescue until these turfs are well established and have well-anchored root systems.
- · Newly hydromulched areas of Bermudagrass until such areas are well established.
- This product must be watered-in as soon as possible after application to dissolve the granules. A single rainfall or irrigation of 1/2 inch or more is required after product application.
- · Watering-in must be performed by the commercial applicator, or the commercial applicator must provide the following information to the resident

or owner in writing:

A. "This product must be watered-in as soon as possible."

B. "Do not enter or allow others (including children or pets) to enter the treated areas (except those involved in the watering) until the watering-in is completed and the surface is dry."

PrimeraOne OB-2G will not control emerged weeds.

PrimeraOne OB-2G may injure turf that is not well established or is stressed or weakened due to unfavorable winter climatic conditions. drought, nematodes, or other factors which damage or weaken turf root systems. Apply PrimeraOne OB-2G only to healthy, well-established turf that has a well-anchored root system.

Do not apply PrimeraOne OB-2G in the spring or early summer to tall fescue turfgrass reseeded the previous fall. In such cases, apply Balan* 2.5G granular herbicide at 60 pounds per acre in early summer (Round 1) and PrimeraOne OB-2G at 100 pounds per acre approximately eight weeks later (Round 2).

PrimeraOne OB-2G may thin established annual bluegrass (Poa annua) at rates above 100 pounds per acre.

In Bermudagrass areas that have been overseeded with winter grasses, a spring application of PrimeraOne OB-2G will thin the overseeded grasses.

Weeds Controlled or Suppressed by PrimeraOne OB-2G

Weeds controlled by PrimeraOne OB-2G when applied at 100 to 150 lb/acre (2.3 to 3.4 lb/1000 sq ft):

Annual Grasses

Summer Annuals: Common Name

Scientific Name Echinochloa crus-galli barnyardgrass

crabgrass Digitaria spp.

crowfootgrass Dactvloctenium aegyptium

foxtail Setaria spp.

Eleusine indica goosegrass johnsongrass Sorghum halepense

(seedling only) ryegrass, Italian Lolium multiflorum

sandbur, field Cenchrus incertus

Winter Annuals:

Common Name Scientific Name bluegrass, annual Poa annua

Broadleaf Weeds

Summer Annuals: Common Name

Scientific Name carpetweed Mollugo verticillata

knotweed, prostrate Polygonum aviculare purslane, common Portulaca oleracea

Winter Annuals:

Common Name Scientific Name Stellaria media

chickweed, common Lamium amplexicaule

The following weeds will be partially controlled or suppressed at 100 to 150 lb/acre (2.3 to 3.4 lb/1000 sq ft):

Common Name

Scientific Name carrot, wild Daucus carota

fleabane, dwarf Conyza ramosissima

groundsel, common Senecio vulgaris mustard, Indian Brassica juncea

spurge, prostrate Euphorbia humistrata Oxalis stricta woodsorrel, yellow

Application Rates, Frequency and Timing of Applications

PrimeraOne OB-2G can be applied in the spring for summer annual grass and broadleaf weed control and in the fall for annual bluegrass (Poa annua) and winter annual broadleaf weed control.

Broadcast Application Rates (Warm Season Turfgrasses)

	PrimeraOne OB-2G		Minimum Time Between Applications	Total Amount Allowed Per Year
Use Area	(lb/acre)	(lb/1000 sq ft)	(months)	(lb/acre)
All regions	100	2.3	2	200
All regions	150	3.4	3	300

1. Summer Annual Grasses and Broadleaf Weeds

Single Application Program: Apply 150 pounds per acre of PrimeraOne OB-2G in late winter or early spring prior to the onset of conditions favorable for summer annual weed germination.

Split Application Program: As an alternative to a single application program, PrimeraOne OB-2G may be applied in a split application. This program is desirable when the initial application is made well in advance of time. Apply 100 pounds per acre of PrimeraOne OB-2G in an initial application followed by a second application of 100 pounds per acre 8 to 10 weeks later. The second treatment of the split application may follow application of a different preemergence grass herbicide in place of the initial PrimeraOne OB-2G application.

2. Annual Bluegrass and Winter Annual Broadleaf Weeds

Apply PrimeraOne OB-2G as a preemergence treatment in late summer or early fall prior to the expected germination period for annual bluegrass and winter annual broadleaf weeds. Do not apply PrimeraOne OB-2G to areas where fall overseeding will occur. If annual bluegrass infestation is severe and its elimination will result in thinning of turfgrass cover, apply PrimeraOne OB-2G at 100 pounds per acre. If thinning of turfgrass cover is not a potential problem, PrimeraOne OB-2G may be applied at 150 pounds per acre.

In areas of heavy annual bluegrass infestation, its elimination will result in temporary thinning of turfgrass cover. Proper fertilization, irrigation, and soil-incorporated reseeding should be employed to speed the restoration of desirable turfgrass cover in areas previously occupied by annual bluegrass (see section on reseeding).

Weed Control in Florida

In Florida apply 150 pounds per acre of PrimeraOne OB-2G three times per year, or every 90 to 100 days, in the fall, early spring, and early summer. Do not apply more than 150 pounds per acre of PrimeraOne OB-2G in any single application.

Application Directions

Apply PrimeraOne OB-2G evenly over the turfgrass area. Avoid spray pattern skips and overlaps that may result in incomplete coverage or overapplication. For best results, use application equipment designed to uniformly broadcast granular herbicides. More uniform application may be achieved by spreading half the required amount of product over the area and then applying the remaining half in swaths at right angles to the first application. Calibrate application equipment prior to use according to manufacturer's directions. Check equipment frequently to make sure it is working properly and distributing granules uniformly.

Reseeding

Herbicides that control annual weeds may also affect establishment of desirable turfgrass seedlings. Reseeding should be delayed for at least 6 weeks following application of PrimeraOne OB-2G at the 100-pound-peracre rate. When using PrimeraOne OB-2G at the 150-pound-peracre rate, reseeding should be delayed 12 to 16 weeks after application. When reseeding, it is essential that proper cultural practices such as soil cultivation and seedbed preparation, irrigation, and fertilization be followed. For satisfactory reseeding results following PrimeraOne OB-2G use, the seeding rate should be increased and equipment designed to place seed in full contact with soil (such as the Rogers Aero Seeder should be employed).

Spreader Settings

(Å guide for calibrating spreaders to apply **PRIMERAONE OB-2G** in one pass over turf.)

Note: These settings are provided as suggested starting points in calibrating each individual spreader. Since no two spreaders are alike, these settings are intended only as a guide in beginning the calibration process.

	Estimated Spreader Setting Necessary to Apply the Specified Rate of PrimeraOne OB-2G Per Acre In One Pass		
Spreader Type	100 lb/acre	150 lb/acre	
Cyclone: Models B1, 33, 96, BSSB at 200 ft/min.	3 ¼	3 ½	
Model 100 at 200 ft/min.	3 1/4	3 ½	
Model 93 (based on tractor speed of 4 mph)	5	6 ¼	
Model 99 (based on tractor speed of 4 mph)	4 ¾	5 ¾ - 6	
Model BPI (based on tractor speed of 4 mph)	4 ½	5 ¼ - 5 ½	
Gandy: Model 10A series, 6, 8, 10, 11, 12, 20 and 30 ft (based on tractor speed of 5 mph)	31	37	
Model 10T series, 6, 8, 10, 11, 12, 20 and 30 ft (based on tractor speed of 5 mph)	33	40	
Turf Tender, 24, 30, 42 inch (based on tractor speed of 3 mph)	25	28	
600 Series, 2, 4 and 5 ft (based on tractor speed of 3 mph)	18	22	
Lely: Model W and H (based on tractor speed of 4.5 mph)	3	4	
Lesco: Lesco Spreader (Note: set 3rd adjustable hole 1 notch from "open")	D ½	F	
Scott: Rotary Model R-8 Drop Spreader	H ½ 3 %	I ¼ 4 %	
Spyker: Spyker	3.2	3.6	
Vicon: Model 402 (with seed ring) swath width 20 ft, 5 mph speed	24	28	
Warren: Model T-7I1 (based on ground speed of 3.0 mph)	3 1/4	4	

LIMITATIONS OF LIABILITY.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container only. In case of leak or spill, contain material and dispose as waste.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning, If burned, stay out of smoke.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABIL-ITY NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded. By using this product, user or buyer accepts the following CONDITIONS, DISCLAIMER OF WARRANTIES and

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PrimeraOne OB-2G(53883-220)(EPA app 5-4-07)annotated