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### ORNAMENTAL TREES

Common Name	Scientific Name	Common Name	Scientific Name
Alder, red	<i>Alnus oregona</i>	Golden chain tree	<i>Laburnum anagyroides</i>
Ash	<i>Fraxinus spp.</i>	Maples	<i>Acer spp.</i>
Basswood	<i>Tilia spp.</i>	Mulberry, white	<i>Morus alba</i>
Birch, European white	<i>Betula pendula</i>	Oaks	<i>Quercus spp.</i>
Birch, river	<i>Betula nigra</i>	Olive, wild	<i>Elaeagnus angustifolia</i>
Birch, white	<i>Betula papyrifera</i>	Redbud	<i>Cercis canadensis</i>
Crabapple, flowering	<i>Malus halliana</i>	Sweet gum, American	<i>Liquidambar styraciflua</i>
Dogwood, flowering	<i>Cornus, florida</i>		

### GARDEN FLOWERS AND PLANTS

Common Name	Scientific Name	Common Name	Scientific Name
Ageratum	<i>Ageratum spp.</i>	Jasmine tobacco	<i>Nicotiana glauca</i>
Alyssum*, Sweet	<i>Lobularia maritime</i>	Loosestrife	<i>Lythrum salicaria</i>
Asparagus fern	<i>Asparagus setaceus</i>	Marigold	<i>Tagetes spp.</i>
Bleeding heart	<i>Dicentra spectabilis</i>	Partridgeberry	<i>Mitchella repens</i>
Cast iron plant	<i>Aspidistra alator</i>	Petunia*	<i>Petunia hybrida</i>
Chrysanthemum	<i>Chrysanthemum spp.</i>	Phlox	<i>Phlox spp.</i>
Cinquefoil	<i>Potentilla spp.</i>	Pinks	<i>Dianthus spp.</i>
Coleus	<i>Coleus spp.</i>	Portulaca	<i>Portulaca grandiflora</i>
Coralbells	<i>Heuchera sanguinea</i>	Salvia	<i>Salvia spp.</i>
Cranesbill	<i>Geranium spp.</i>	Saxifrage	<i>Saxifraga spp.</i>
Dahlia	<i>Dahlia spp.</i>	Sedum	<i>Sedum spp.</i>
Daisy, Trailing African	<i>Osteospermum fruticosum</i>	Selloum	<i>Philodendron selloum</i>
Daylily	<i>Hemerocallis spp.</i>	Snapdragon*	<i>Antirrhinum majus</i>
Dusty miller	<i>Senecio cinerarie</i>	Sweet flag	<i>Acorus gramineus</i>
Euonymus	<i>Euonymus spp.</i>	Tickseed	<i>Coreopsis grandiflora</i>
Gazania	<i>Gazania spp.</i>	Touch-me-not	<i>Impatiens spp.</i>
Geranium, house	<i>Pelargonium hortorum</i>	Verbena	<i>Verbena spp.</i>
Heather, False	<i>Cuphea hyssopifolia</i>	Violet	<i>Viola spp.</i>
Hosta	<i>Hosta fortunei</i>	Yarrow, common	<i>Achillea millefolium</i>
Iris	<i>Iris spp.</i>	Zinnia	<i>Zinnia elegans</i>

\*Slight foliage or flower speckling has been observed on these species.

### GROUND COVERS

Common Name	Scientific Name	Common Name	Scientific Name
Bugleweed, carpet	<i>Ajuga reptans</i>	Moneywort	<i>Lysimachia nummularia</i>
Ivy, English	<i>Hedera helix</i>	Mondo grass, white	<i>Ophiopogon jaburan</i>
Japanese spurge	<i>Pachysandra terminalis</i>	Mondo grass, dwarf	<i>Ophiopogon japonicus</i>
Lilyturf	<i>Liriope muscari</i>	Periwinkle, common	<i>Vinca minor</i>

## SHRUBS

Common Name	Scientific Name	Common Name	Scientific Name
Abelia	<i>Abelia spp.</i>	Indian hawthorn	<i>Raphiolepis indica</i>
Anise, purple	<i>Illicium floridenum</i>	Jasmine	<i>Jasminum spp.</i>
Aucuba	<i>Aucuba spp.</i>	Jasmine, Asiatic	<i>Trachelospermum asiaticum</i>
Azalea*	<i>Rhododendron spp.</i>	Jasmine, Star	<i>Trachelospermum jasminoides</i>
Bamboo	<i>Bambusa spp.</i>	Juniper	<i>Juniperus spp.</i>
Barberry, Japanese	<i>Berberis thunbergii</i>	Lantana	<i>Lantana spp.</i>
Barberry, Magellan	<i>Berberis buxifolia</i>	Nandina *, Bamboo Heavenly	<i>Nandinia domestica</i>
Baryberry	<i>Myrica pensylvanica</i>	Oleander, common	<i>Nerium oleander</i>
Bottlebrush	<i>Callistemon citrinus</i>	Oregon grape	<i>Mahonia aquifolium</i>
Boxwood, Common	<i>Buxus sempervirens</i>	Photina	<i>Photina spp.</i>
Camellia, Common	<i>Camellia japonica</i>	Pittosporum	<i>Pittosporum spp.</i>
Candytuft	<i>Iberis sempervirens</i>	Podocarpus	<i>Podocarpus spp.</i>
Cleyera	<i>Cleyera japonica</i>	Privet	<i>Ligustrum spp.</i>
Coralberry	<i>Ardisia crenata</i>	Pyracantha	<i>Pyracantha spp.</i>
Crape myrtle	<i>Lagerstroemia indica</i>	Rhododendron	<i>Rhododendron spp.</i>
Coyote brush	<i>Baccharis pilularis</i>	Rose	<i>Spiraea bumalda</i>
Fig, creeping	<i>Ficus pumila</i>	Sweet olive	<i>Osmanthus fregrens</i>
Gardenia	<i>Gardenia spp.</i>	Viburnum	<i>Viburnum tinus</i>
Holly	<i>Ilex spp.</i>	Wisteria	<i>Wisteria spp.</i>
Honeysuckle	<i>Lonicera pileate</i>	Yellow sage/Shrub Verbena	<i>Lantana camere</i>

\*Slight foliage or flower speckling has been observed on these species.

### RESTRICTIONS

- **DO NOT** apply more than 16 fl. oz./A (0.25 lb ai/A) per application.
- **DO NOT** make more than 2 applications per acre per year. For repeat applications make on a minimum of a 14-day interval.
- **DO NOT** apply more than 32 fl. oz./A (0.50 lb ai/A) per year.

### USE DIRECTIONS FOR ANNUAL GRASSES IN ORNAMENTALS

- Apply only to actively growing grasses at specified weed heights.
- Apply when the first grass weed species in a mixed grass weed population reaches the specified growth stage for treatment.
- Use the high rate under heavy grass pressure and/or when grasses are at maximum height.

Grass Species	Scientific Name	Weed* Height (inches)	Rate (fl. oz./acre) <sup>1</sup>	High Rate <sup>2</sup>
Barnyardgrass	<i>Echinochloa crus-galli</i>	2-8	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Broadleaf Signalgrass	<i>Brachiaria platyphylla</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Brome				
California	<i>Bromus carinatus</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Cheatgrass	<i>Bromus secalinus</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Downy	<i>Bromus tectorum</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Ripgut	<i>Bromus diandrus</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Canarygrass	<i>Phalaris canariensis</i>	1-4	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)

## USE DIRECTIONS FOR ANNUAL GRASSES IN ORNAMENTALS (cont.)

Grass Species	Scientific Name	Weed* Height (inches)	Rate (fl. oz./acre) <sup>1</sup>	High Rate <sup>2</sup>
Crabgrass				
Hairy	<i>Digitaria adscendens</i>	2-6**	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Large	<i>Digitaria sanguinalis</i>	2-6**	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Smooth	<i>Digitaria ischaemum</i>	2-6**	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Southern	<i>Digitaria ciliaris</i>	2-6**	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Crowfootgrass	<i>Dactyloctenium aegyptium</i>	2-6**	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Fall Panicum	<i>Panicum dichotomiflorum</i>	2-8	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Field Sandbur	<i>Cenchrus incertus</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Foxtail				
Giant	<i>Setaria faberi</i>	2-12	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Green	<i>Setaria viridis</i>	2-8	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Yellow	<i>Setaria glauca</i>	2-8	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Foxtail Barley	<i>Hordeum jubatum</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Goosegrass	<i>Eleusine indica</i>	2-6**	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Itchgrass	<i>Rottboellia exaltata</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Junglerice	<i>Echinochloa colona</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Lovegrass (Stinkgrass)	<i>Eragrostis ciliaris</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Rabbitsfootgrass	<i>Polypogon monspeliensis</i>	1-4	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Red Rice	<i>Oryza sativa</i>	1-3	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Ryegrass				
Hardy	<i>Lolium remotum</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Italian	<i>Lolium multiflorum</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Seedling Johnsongrass	<i>Sorghum halepense</i>	4-10	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Shattercane	<i>Sorghum bicolor</i>	6-18	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Southwestern Cupgrass	<i>Eriochloa gracillis</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)

(continued)

## USE DIRECTIONS FOR ANNUAL GRASSES IN ORNAMENTALS (cont.)

Grass Species	Scientific Name	Weed* Height (inches)	Rate (fl. oz./acre) <sup>1</sup>	High Rate <sup>2</sup>
Sprangletop				
Amazon	<i>Leptochloa panicoides</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Bearded	<i>Leptochloa fascicularis</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Mexican	<i>Leptochloa uninervia</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Red	<i>Leptochloa filliformis</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Texas Panicum	<i>Panicum texanum</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Volunteer Cereals				
Barley	<i>Hordeum vulgare</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Oats	<i>Avena sativa</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Rye	<i>Secale cereale</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Wheat	<i>Triticum aestivum</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Volunteer Corn	<i>Zea mays</i>	4-12	6 (0.094 lbs ai / A)	8 (0.125 lbs ai / A)
Volunteer Corn	<i>Zea mays</i>	12-24	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Volunteer Grain Sorghum	<i>Sorghum bicolor</i>	8-12	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Wild Oats	<i>Avena fatua</i>	2-6	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Wild Proso Millet	<i>Panicum miliaceum</i>	2-10	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Witchgrass	<i>Panicum capillare</i>	2-8	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Woolly Cupgrass	<i>Eriochloa villosa</i>	2-8	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)

\*Occurs between 3-leaf stage and tillering.

\*\*Length of lateral growth.

<sup>(1)</sup> 8 fl. oz./A (0.125 lbs ai/A) = approximately 0.2 fl. oz./1000 sq. ft.

<sup>(2)</sup> 16 fl. oz./A (0.250 lbs ai/A) = approximately 0.4 fl. oz./1000 sq. ft.

Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt. per 50 gals. (0.25% v/v).

### RESTRICTIONS:

- **DO NOT** apply more than 16 fl. oz./A (0.250 lb ai/A) per application.
- **DO NOT** make more than 2 applications per acre per year.
- For repeat applications make on a minimum of a 14-day interval.
- **DO NOT** apply more than 32 fl. oz./A (0.500 lb ai/A) per year.



## USE DIRECTIONS FOR ANNUAL BLUEGRASS CONTROL WITH VOLUNTEER® IN ORNAMENTALS

GRASS SPECIES	WEED STAGE	RATE (fl. oz./ACRE)	HIGH RATE
Annual Bluegrass ( <i>Poa annua</i> )	To 4-Leaf	6 (0.094 lbs ai / A)	16 (0.250 lbs ai / A)

Apply under favorable soil moisture and humidity which exists within a few days after rainfall or within 7 days after irrigation. Grass needs to be actively growing at time of application(s).

Apply at weed stage indicated on the label, as reduced control can be expected with more mature annual bluegrass.

Use the high rate under heavy grass pressure and/or when annual bluegrass is more mature.

Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt. per 50 gals. (0.25% v/v).

### USE DIRECTIONS FOR PERENNIAL GRASSES

- Apply only to actively growing grasses at specified weed heights.
- Apply when the first grass weed species in a mixed grass weed population reaches the specified growth stage for treatment.
- Use the high rate under heavy grass pressure and/or when grasses are at maximum height.

Grass Species	Scientific Name	Weed Height (inches)	Rate (fl. oz./acre) <sup>1</sup>	High Rate <sup>2</sup>
Bermudagrass	<i>Cynodon dactylon</i>			
First Application		3 (or up to 6" runners)	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Repeat Application(s) (if regrowth occurs)		3 (or up to 6" runners)	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Quackgrass	<i>Elytrigia repens</i>			
First Application		4-8	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Repeat Application(s) (if regrowth occurs)		4-8	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Rhizome Johnsongrass	<i>Sorghum halepense</i>			
First Application		12-24	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Repeat Application(s) (if regrowth occurs)		6-18	6 (0.094 lbs ai / A)	8 (0.125 lbs ai / A)
Wirestem Muhly	<i>Muhlenbergia frondosa</i>			
First Application		4-8	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)
Repeat Application(s) (if regrowth occurs)		4-8	8 (0.125 lbs ai / A)	16 (0.250 lbs ai / A)

<sup>(1)</sup> 8 fl. oz./A (0.125 lbs ai / A) = approximately 0.2 fl. oz./1000 sq. ft.

<sup>(2)</sup> 16 fl. oz./A (0.250 lbs ai / A) = approximately 0.4 fl. oz./1000 sq. ft.

Add a non-ionic surfactant containing at least 80% active ingredient at the rate of 1 pt. per 50 gals. (0.25% v/v).

#### RESTRICTIONS

- **DO NOT** apply more than 16 fl. oz./A (0.25 lb ai/A) per application.
- **DO NOT** make more than 2 applications per year.
- For repeat applications make on a minimum of a 14-day interval.
- **DO NOT** apply more than 32 fl. oz./A (0.50 lb ai/A) per year.

# STORAGE AND DISPOSAL

**DO NOT** contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool, dry place in original container.

**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:**

**Non-refillable containers (< 5 gallons):** **DO NOT** reuse or refill this container. Offer for recycling, if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full of water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

(non-refillable >5 gallons): Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**Refillable container:** (bulk): Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

To clean the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing process two more times.

## 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 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 the manner of use or application, all of which are beyond the control of TENKOZ, INC., its Supplemental Distributors, or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

TENKOZ, INC., its Supplemental Distributors and the Seller warrant 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. NEITHER TENKOZ, INC. NOR ITS SUPPLEMENTAL DISTRIBUTORS MAKE ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER. BUYER'S EXCLUSIVE REMEDY AND THE EXCLUSIVE LIABILITY OF TENKOZ, INC., ITS SUPPLEMENTAL DISTRIBUTORS AND THE SELLER FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF OR THE REPAYMENT OF THE PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. When Buyer suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), Buyer must promptly notify Seller in writing of any claims to be eligible to receive either remedy stated above. IN NO CASE SHALL TENKOZ, INC., ITS SUPPLEMENTAL DISTRIBUTORS, OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. TENKOZ, INC., its Supplemental Distributors, and the Seller offer this product, and the Buyer accepts 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 TENKOZ, INC.

No employee or agent of TENKOZ, INC., its Supplemental Distributor, or the Seller is authorized to vary or exceed the terms of this Warranty in any other manner.