TOLERANT ORNAMENTALS

Common Name

Alaska, Sweet
Apple
Almond, Flowering
Apple
Arborvitae
Arborvitae, Golden
Aster, Chinese
Ash, Green
Ash, Mountain
Azalea
Azalea, Florist
Azalea, Kurume
Bamboo, Heavenly
Barberry
Barberry, Purple
Beaked Flower
Beautiberry (common)
Bee Balm
Begonia
Birch, River
Blackeyed Susan
Blanket Flower
Blueberry
Bottlebrush
Boxwood, Japanese
Boxwood, Wallor
Bougainvillea
Bugle Carpet
Camellia
Candy Tuft
Cedar, Vanderpool
Cedar, Red
Celosia
Centaurea
Cockscomb, Plumose
Coleus
Columbine
Copper Leaf
Coreopsis
Cone Flower
Cotoneaster
Crapemyrtle
Cycads
Cypress, Gold
Cypress, Italian
Cypress, Japanese False
Cypress, Leyland
Daffodil
Dogfish
Dianthus (Sweet William)
Dolphinium
Dogwood
Dogwood, Jamaican
Douglas Fir
Dusty Miller
Elm, Dutch
Euonymus
Fan Palm, European
Fan Palm, Mexican
Fern (various)
Fescue
Feathebush
Floxl
Fir Flower
Foxglove
Fuchsia
Gaillardia
Gazania
Gem
Hawthorn
Heather, Twisted
Hemlock, Canada
Hibiscus
Holly
Holly, Chinese
Holly, Japanese
Holly, Yaupon
Honeysuckle
Hosta
Ice Plant
Impatiens
Iris
Ivy, English
Jasmine, Asian
Juniper
King Palm
Laurel, Australian

Turf & Ornamental Weed & Grass Stopper 33031

Hi-Yield®

Turf & Ornamental Weed & Grass Stopper

Containing Dimension®

- **For control of crabgrass and control or suppression of many other annual grass and broadleaf weeds in ornamental landscape areas, established lawns and ornamental turf.**

ACTIVE INGREDIENT:
Dimethylarsinic acid, sodium salt 1.5%
OTHER INGREDIENTS: 98.5%
TOTAL: 100.0%
This product contains 0.0625 pounds of the active ingredient dimethylarsinic acid per 10 pound bag.

KEEP OUT OF REACH OF CHILDREN
CAUTION
See Back Panel For Additional Precautionary Statements

- Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.
- Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.
- For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns.

In the state of New York, do not exceed 4.6 lb per 1000 sq ft per year of this product (equivalent to 0.25 lb of active ingredient per acre).
In the state of Florida, do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden, and sweep any product that lands on the driveway, sidewalk, or street, back onto your lawn/garden.

NET WEIGHT 35 LBS. (15.87 KG) **33031**

Turf & Ornamental Weed & Grass Stopper

33031

TOLERANT ORNAMENTALS

Common Name

Laurel, Mountain
Lavender
Liquidamber, Japanese
Lily, Africa
Lily, African Blue
Lily of the Valley
Lilyleaf
Liriope, Green
Maple, Japanese
Maple, Norway
Maple, Red
Maple, Silver
Maple, Sugar
Marigold
Mock Orange
Mondo Grass
Moss Rose
Myrtle, Crape
Myrtle, Wax
Nandina
Nasturtium
Oak, Laurel
Oak, Pin
Oak, Red
Oak, Southern
Oak, Willow
Oleander
Ornamental Pepper
Pachysandra
Palm, Sargent
Pampas Grass
Pansy
Paper Flower
Peach
Periwinkle, Dwarf
Petunia
Photinia, Red Tip
Phlox
Pine, Australian
Pine, Japanese Black
Pine, Loblolly
Pine, Longleaf
Pine, Mugo
Pine, Scotch
Pine, Slash
Pine, Sweet Mt.
Pine, Virginia
Pine, White
Pineapple, Dwarf
Phlox
Pittosporum, Japan
Potentilla
Privet
Privet, Glossy
Pyracantha
Queen Palm
Quince, Japanese
Rhododendron
Rhododendron, Carolina
Rhododendron, Catawba
Rosemary
Rosette Moss (Flowering)
Rose
Rosemary
Rosemary, Bay
Salvia
Salvia
Sasanqua
Sassafras
Salvia
Spirea
Spirea, Garland
Spirea, Black Hills
Spruce, Colorado Blue
Spruce, Norway
Spruce, White
Sunflower, Orange-Le
Sweetgum
Sycamore
Tea Fern (Tile Fern)
Tropical Flame, Evening
Tulip
Verbena, Shrub
Vinca
Viburnum
Vinca (Periwinkle)
Windmill Palm
Xylosma
Yarrow
Yaupon
Yew

33031

Hi-Yield®
Turf & Ornamental Weed & Grass Stopper
Containing Dimension®

33031

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Harmful if inhaled.

Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact with handling this material may cause allergic reaction in some individuals.

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 Inhaled:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Hot line number: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

In the event of a medical or chemical emergency contact ChemTel
North America: 1-800- 255-3924 or Worldwide Intl. + 01- 813-248-0585

ENVIRONMENTAL HAZARDS

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. 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. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent runoff to water bodies or drainage systems.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

Pesticide Storage: Store this product only in its original container in a dry, cool, secured storage area.

Container Handling: Nonrefillable Container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partially filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

USE DIRECTIONS FOR TURF

This turf product, containing Dimension® herbicide, can be applied up to **4** weeks later than other crabgrass preventers and provides up to 4 months of crabgrass control.

Hi-Yield Turf & Ornamental Weed & Grass Stopper Containing Dimension provides preemergence control of crabgrass and control or suppression of other listed weeds when applied prior to their germination. In addition, this product provides postemergence control of seedling crabgrass after germination and emergence. Postemergence control of crabgrass only and is effective up to 4 weeks after crabgrass has germinated. This generally corresponds to the time when crabgrass seedlings first become visible in the established turfgrass. Do not apply this product later than 4 weeks after crabgrass germination.

Florida Applications: Do not exceed 4 applications per year on St. Augustinegrass in the south. Do not apply more than 9.2 lb of this product per 1,000 sq ft per application and no more than 27.6 lb of this product/1000 sq ft per year (equivalent to 0.2 and 1.5 lb of active ingredient per acre, respectively).

Apply this product only to turfgrass species listed on this label. The following turfgrass species are tolerant to this product when applied as directed:

COOL SEASON GRASSES	WARM SEASON GRASSES
Bluegrass, Creeping	Bahiagrass
Bluegrass, Kentucky	Bermudagrass
Fescue, Fine	Buffalograss
Fescue, Tall	Carpetgrass
Ryegrass, Perennial	Centipedegrass
	St. Augustinegrass
	Zoysiagrass

USE PROCEDURES FOR TURF

This product should be applied only to lawns and ornamental turfgrasses that are well established. For newly established lawns, initial application of this product should be made only after turfgrasses have developed a vigorous root system, uniform stand, and mowed at least two mowings following seeding, sodding, or sodgrating. **Exception:** In newly established lawns of Kentucky bluegrass, perennial ryegrass and/or tall fescue, this product may be applied two weeks after the first sign of germination.

Use of this product on lawns and ornamental turfgrasses that are not well established, or weakened by stress due to mechanical operations, pests, excessive temperature, or lack of moisture may result in turfgrass injury.

For best results, cultural practices that deplete the soil, such as scarp, spike, or hydro-aerification, and verticutting, should be done before application of this product. Do not apply this product until turfgrass has recovered from the mechanical injury caused by these cultural practices.

Reseeding, Overseeding, or Sprigging: Reseeding, overseeding, or sprigging of areas treated with this product within 10 weeks after a single application of this product or within 18 weeks after a split application program totaling 9.2 lb/1000 sq ft (0.25 lb active ingredient per acre) or more may inhibit the establishment of desirable turfgrasses. When reseeding, overseeding follow proper cultural practices for seedbed preparation, seeding, irrigation and fertilization.

Other Use Precautions

- Do not use clippings from treated turf for mulching around vegetables or fruit trees.
- Do not allow people or pets to enter treated area until dust has settled.

APPLICATION TIMING

Spring Application

Control of Crabgrass: Hi-Yield Turf & Ornamental Weed & Grass Stopper Containing Dimension provides preemergence control of crabgrass and control or suppression of other listed weeds when applied prior to their germination. In addition, this product provides postemergence control of seedling crabgrass after germination and emergence. Postemergence control is limited to crabgrass only and is effective up to 4 weeks after germination of crabgrass. This generally corresponds to the time when crabgrass seedlings are at the 2-leaf stage of growth and first become visible in the established turf. This product will not control crabgrass at later growth stages when crabgrass plants begin to tiller (spread). Properly timed applications will control existing crabgrass and prevent further emergence of crabgrass seedlings. Do not apply this product later than 4 weeks after crabgrass germination.

Control or Suppression of Other Grass and Broadleaf Weeds: For control or suppression of other grass and broadleaf weeds, this product must be applied as a preventative treatment prior to their germination and emergence. Only crabgrass will be controlled with applications made up to 4 weeks after weed germination.

Fall Application

This product can also be applied from late summer through early fall (late August through November). When applied in the fall, a sequential or second application of this product must be made the following spring to provide season-long control of crabgrass. If this product is applied in the fall, do not reseed, overseed or sprig turfgrasses within 12 weeks after application.

TIPS FOR IMPROVED WEED CONTROL

- For best results, apply this product within a few days after mowing and delay mowing again for a few days after the application.
- The wet herbicide in this product is not effective until spillover by rainfall or irrigation. Performance is improved if application is followed by 1/4 inch of rainfall or sprinkler irrigation. Erratic weed control may result if not followed by rainfall or irrigation within 30 days after application.

WEEDS CONTROLLED OR SUPPRESSED

Hi-Yield Turf & Ornamental Weed & Grass Stopper Containing Dimension will provide control of crabgrass and control or suppression of other listed grass and broadleaf weeds when applied prior their germination.

Grasses	Broadleaf Weeds
barley	bittercress †
barnyardgrass	chickweed
bluegrass, annual	chickweed †
brome	geranium, Carolina †
crabgrass, large	henbit
crabgrass, smooth	knotweed, prostrate
crabgrass, Southern	lespedeza, common †
crowfootgrass †	mallow
dallisgrass	mallow, musk
goosegrass	mustard
foxtail, green	oxalis, yellow sorrel
foxtail, yellow	pineappleweed
foxtail, yellow †	pipewort, redroot
oats, wild	parsley-piert †
ryegrass (annual & perennial)	purslane, common
sandbur	rocket, London
sprangletop	shepherdspurse
	speedwell, corn †
	spurge, garden
	spurge, prostrate
	spurge, ryegrass
	woodsorrel, creeping
	woodsorrel, yellow

† suppression only

LENGTH OF CONTROL

Hi-Yield Turf & Ornamental Weed & Grass Stopper Containing Dimension will provide up to 4 months of crabgrass control when applied according to label directions. The actual length of control will vary depending on site type, weather conditions, condition of the turfgrass, intensity of weed pressure, and the location or "Region" within the United States where this product is being applied. **Refer to the map below to determine the region of the U.S. that includes your location.** Use the table below to determine the amount of Hi-Yield Turf & Ornamental Weed & Grass Stopper Containing Dimension to apply in your location based on the desired length of weed control or need for postemergence crabgrass control.

Use "Regions" within the United States:

RECOMMENDED USE RATES

Amount of Hi-Yield Turf & Ornamental Weed & Grass Stopper Containing Dimension to Apply
(Pounds of product to apply per 1,000 square feet of turfgrass[1])

	Length of Crabgrass Control		
Region of U.S.	2 - 3 months	3 - 4 months	Early Postemergence Control
North	2.4 lb/1000 sq ft (0.104 lb ai/acre)	2.7 lb/1000 sq ft (0.174 lb ai/acre)	4.0 - 9.2 lb/1000 sq ft[2] (0.17 - 0.5 lb ai/acre)
South	3.5 lb/1000 sq ft (0.152 lb ai/acre)	4.0 - 4.7 lb/1000 sq ft[2] (0.22 - 0.268 lb ai/acre)	4.0 - 9.2 lb/1000 sq ft[2] (0.22 - 0.5 lb ai/acre)

[1] 1,000 square feet equals an area 100 feet x 10 feet or square area of about 32 feet on a side.
[2] Use the higher rate in rate range in areas of high weed pressure or for increased length of control.

Maximum Application Rates

- Do not apply more than 9.2 lb of this product per 1,000 sq ft per application and no more than 27.6 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- In the state of New York, do not exceed 4.6 lb per 1000 sq ft per year of this product (equivalent to 0.25 lb of active ingredient per acre).

Application Instructions and Equipment

This product may be applied with drop or rotary-type spreaders designed to apply granular herbicides. For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps. Avoid the use of spreaders that tend to apply granules in narrow rows or concentrated bands. Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the recommended application rate under actual application conditions. The desired calibration setting may be marked or recorded for future reference. Apply the product uniformly over the treatment area. More uniformity of application can usually be achieved by applying one-half of the required amount of product over the treatment area and then applying the remaining one-half in a different direction (e.g., at a right angle to the previous direction). Avoid streaking, skips, or overlaps during application.

Check equipment frequently to verify calibration and proper functioning.

Spreader	Spreader Settings (Lbs. of product per 1,000 sq ft)		
	2.4 lbs.	3.5 lbs.	4.0 lbs.
Scotts/Republic Accugreen (Drop)	3-3/4	3-3/4	4 1/4
Scotts/Republic Speedy Green (Broadcast)	2-1/2	2-1/2	4
Ferti-form/Earthway Ev-N-Spred (Broadcast)	12	14	16

USE DIRECTIONS FOR LANDSCAPE ORNAMENTALS

Hi-Yield Turf & Ornamental Weed & Grass Stopper Containing Dimension provides preemergence control or suppression of listed annual grass and broadleaf weeds in plantings of ornamental plants listed on this label. For application instructions and equipment, see Application instructions and Equipment section above.

Use Rates

Apply Hi-Yield Turf & Ornamental Weed & Grass Stopper Containing Dimension with a properly calibrated spreader or other means that will assure uniform distribution. This product may be applied as a single application or as a split application. Split or sequential applications may be used to provide improved weed control or to include extended weed control in areas with long growing seasons. To make a split application, divide the rate in the following table into separate applications made 8-10 weeks apart. Sequential applications may be made in the late summer following a spring application or in the spring after a fall application, provided the maximum application rates per year given below are not exceeded.

Pounds of Product per 1000 sq. ft.[1]	Pounds of Product per 100 sq. ft.[2]
9.2	0.92 (14.2 oz)

[1] Rate based on an area of 100 sq ft for treatment of small areas.

Maximum Application Rates:

- Do not apply more than 9.2 lb of this product per 1,000 sq ft per application and no more than 27.6 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- In the state of New York, do not exceed 4.6 lb per 1000 sq ft per year of this product (equivalent to 0.25 lb of active ingredient per acre).

APPLICATION TIMING AND RECOMMENDATIONS

Hi-Yield Turf & Ornamental Weed & Grass Stopper Containing Dimension is a preemergence herbicide that will not control established weeds. Make applications prior to weed seed germination. Bare ground or mulched areas may be treated. The best weed control is obtained when applied to soil that is free of clods, weeds and debris such as leaves. Prior to making an application, control existing vegetation by hand weeding, cultivation or with a postemergence herbicide. Any disturbance of treated areas. Loss of weed control may result if the treated soil surface is disturbed by soil mixing or tillage.

USE PRECAUTIONS

- Apply this product only to established ornamentals.
- Do not apply this product directly to bare roots of ornamental plants as injury may result.
- Do not incorporate this product into soil. Dilution of active ingredient and possible injury to plant roots may occur.
- Do not apply to soil around ornamental plants that are under stress due to drought, flooding, excessive fertilizer or salt salts, wind injury, hail, frost damage, winter injury, injury from previously applied pesticides or injury due to insects, nematodes or disease.
- To avoid foliar damage to ornamentals, irrigate immediately after application to remove herbicide particles from the foliage.
- Do not apply under conditions that would affect product distribution. Wind could affect distribution and move product onto sensitive species. Uneven product distribution will result in uneven weed control.

WEEDS CONTROLLED OR SUPPRESSED

When applied as directed, Hi-Yield Turf & Ornamental Weed & Grass Stopper Containing Dimension will control crabgrass and control or suppress other listed grass and broadleaf weeds when applied prior to their germination. Refer to **"Use Directions for Turf"** section above for **4 complete listing of weeds controlled or suppressed.** This product will not control established broadleaf weeds or grasses, except for crabgrass in early stages of development. The area to be treated should be free of weeds prior to application.

TOLERANT ORNAMENTALS

The ornamentals listed on this bag have shown tolerance to this product when applied according to label directions. However, this product has not been tested on all ornamental species, or cultivars of species on this label, or under all possible growing conditions. For species or cultivars not listed, it is recommended that a few plants in a limited area be treated and observed for tolerance under local growing conditions prior to large-scale use.

TERMS AND CONDITIONS OF USE

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. To the extent permitted by law, otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

WARRANTY DISCLAIMER

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. To the extent permitted by law, SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of the Seller. To the extent permitted by law, all such risks shall be assumed by the buyer.

LIMITATION OF REMEDIES

To the extent permitted by law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at the Seller's election, one of the following:

1. Refund of purchase price paid by buyer or user for the product bought, or
2. Replacement of amount of product used

To the extent permitted by law, seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. In no case shall Seller be liable for consequential or incidental damages or losses.

Terms of the Warranty Disclaimer and Inherent Risks of Use above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of the Seller or the seller is authorized to vary or amend the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

Manufactured by:

VPG Making everyday greener

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