11"
11-1086 Line Black Cyan Magenta Yellow 485 Pantone Yellow C
COLORTEK 11-1086 33030 12lb. HY Turf & Ornamental Weed/Grass Stopper_reprint 7/5/2011
Line Black
Black
Cyan
Magenta
Yellow
485
Pantone Yellow C
25" Lip
22"
48.25" Web Width
4"

ACCEPTED
VIA NOTIFICATION
LABEL NOT REVIEWED
Sept. 20, 2013
New York State Department
of Environmental Conservation
Division of Materials Management
Pesticide Product Registration

33030
Turf & Ornamental Weed & Grass Stopper

DOC ID 536424

Hi-Yield®

Turf & Ornamental Weed & Grass Stopper

Containing Dimension®

TOLERANT ORNAMENTALS
Common Name
Abelia, Dwarf
Ajuga
Almond, Flowering
Apple†
Arborvitae
Arborvitae, Golden
Aster, Chinese
Ash, Green
Ash, Mountain
Azalea
Azalea, Flame
Azalea, Kirishima
Bamboo, Heavenly
Barberry
Barberry, Purple
Basket Flower
Bearberry (common)
Bee Balm
Begonia
Birch, River
Blackeyed Susan
Blanket Flower
Blueberry†
Bottlebrush
Boxwood, Japanese
Boxwood, Weller
Broom
Bugle Carpet
Camellia
Candy Tuft
Cerex, Variegated
Cedar, Red
Celosia
Centaura
Cockscomb, Plumosa
Coleus
Columbine
Copper Leaf
Coreopsis
Corn Flower
Cotoneaster
Coyotebrush
Cycads
Cypress, Bald
Cypress, Italian
Cypress, Japanese False
Cypress, Leyland
Daffodil
Daylily
Dianthus (Sweet William)
Delphinium
Dogwood
Dogwood, American
Douglas Fir
Dusty Miller
Elm, Drake
Euonymus
Fan Palm, European
Fan Palm, Mexican
Fern (various)
Fescue
Fetterbush
Ficus
Fir Fraser
Forsythia
Fuchsia
Gallium
Gardenia
Geranium
Gum
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

Ornamental species only. Do not use on food producing trees and ornamentals.

TOLERANT ORNAMENTALS
Common Name
Laurel, Mountain
Leucothoe
Ligustrum, Japanese
Lily, African
Lily, African Blue
Lily of the Valley
Lillyturf
Liriope, Green
Maple, Japanese
Maple, Norway
Maple, Red†
Maple, Silver
Maple, Sugar†
Marigold
Mock Orange†
Mondo Grass
Moss Rose
Myrtle, Crape
Myrtle, Wax
Nandina
Narcissus
Oak, Laurel
Oak, Pin
Oak, Red
Oak, Southern
Oak, Willow
Oleander
Osteospermum
Pachysandra
Palm, Bangalow
Pampas Grass
Pansy
Paper Flower
Peach†
Periwingle, Dwarf†
Petunia
Photinia, Red Tip
Pieris
Pine, Australian
Pine, Japanese Black
Pine, Loblolly
Pine, Longleaf
Pine, Mugo
Pine, Scotch
Pine, Slash
Pine, Swiss Mt.
Pine, Virginia
Pine, White
Pineapple, Guava†
Pieris
Pittosporum, Japan
Potentilla
Privet
Privet, Glossy
Pyracantha
Queen Palm
Quince, Japanese†
Rhododendron
Rhododendron, Carolina
Rhododendron, Catawba
Rockcress
Rhodie Max (Rosebay)
Rose†
Rosemary†
Rosemary, Bog
Salvia
Sedum
Snapdragon
Sourwood
Spiraea
Spiraea
Spiraea, Garland
Spruce, Black Hills
Spruce, Colorado Blue
Spurce, Norway
Spruce, White
Sweetflag, Grassy-Le
Sweetgum
Sycamore
Tree Fern (Tiki Fern)
Trumpet Flower, Evening
Tulip
Verbena, Shrub
Vervain
Viburnum
Vinca (Periwinkle)
Windmill Palm
Xylosma
Yarrow
Yaupon
Yew

Ornamental species only. Do not use on food producing trees and ornamentals.

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.

- **Can Be Applied Up To 4 Weeks Later** Than Other Preemergence Crabgrass Preventers.
- Covers up to 3,500 Sq. Ft. (Warm Season Grasses)
- Covers up to 5,000 Sq. Ft. (Cool Season Grasses)

ACTIVE INGREDIENT:	
dithiopyr; 3,5- pyridinedicarbothioic acid,2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester	0.125%
INERT INGREDIENTS:	99.875%
TOTAL:	100.000%

This product contains 0.0625 pound of the active ingredient dithiopyr per 50 pound bag.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back/Side 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 1,000 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 12 LBS. (5.44 KG) **33030**

7 32221 33030 6

7 32221 33030 6

Turf & Ornamental Weed & Grass Stopper

Hi-Yield®
33030
Turf & Ornamental
Weed & Grass Stopper
7 32221 33030 6

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 while 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 North America 1-800- 255-3924 or Worldwide Intl. + 01- 813-248-0585

ChemTel INC ™

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 is limited to crabgrass only, but 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.

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	
Bentgrass, Creeping Bluegrass, Kentucky Fescue, Fine Fescue	Tall Ryegrass, Perennial	Bahiagrass Bermudagrass Buffalograss Carpetgrass	Centipedegrass St. Augustinegrass Zoysiagrass

USE PRECAUTIONS 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 received at least two mowings following seeding, sodding, or sprigging. **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 temperatures, or lack of moisture may result in turfgrasses injury.
- For best results, cultural practices that disturb the soil, such as core-, 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 16 weeks after a split application program totaling 9.2 lb./1,000 sq. ft. (0.5 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 3-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 (sprout). 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 application.
- The turf herbicide and fertilizer components in this product are not effective until activated by rainfall or irrigation. Performance is improved if application is followed by ½ inch of rainfall or sprinkler irrigation. Erratic weed control may result if not activated 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 to their germination.

GRASSES		BROADLEAF WEEDS	
Barley Barnyardgrass Bluegrass, Annual Brome Crabgrass, Large Crabgrass, Smooth Crabgrass, Southern Crowfootgrass[1] Dallisgrass	Goosegrass Foxtail, Green Foxtail, Yellow Kikuyugrass[1] Oats, Wild Ryegrass (Annual & Perennial) Sandbur Smutgrass	Bittercress[1] Carpetweed Chickweed[1] Geranium, Carolina[1] Henbit Knotweed, Prostrate Lespedeza, Common[1] Marestail Medic, Black Mustard Oxalis, Buttercup Pineappleweed	Pigweed, Redroot Parsley-piert[1] Purslane, Common Rocket, London Shepherdspurse Speedwell, Corn[1] Spurge, Garden Spurge, Prostrate Spurge, Spotted Woodsorrel, Creeping Woodsorrel, Yellow

[1]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 use rate, 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])			
Region of U.S.	Length of Crabgrass Control		
	2 - 3 months	3 - 4 months	Early Postemergence Control
North	2.4 lb./1,000 sq. ft. (0.128 lb. ai./acre)	3.2 lb./1,000 sq. ft. (0.174 lb. ai./acre)	4.0 - 9.2 lb./1,000 sq. ft. TT (0.22 - 0.5 lb. ai./acre)
South	3.5 lb./1,000 sq. ft. (0.192 lb. ai./acre)	4.0 - 4.7 lb./1,000 sq. ft.[1] (0.22 - 0.256 lb. ai./acre)	4.0 - 9.2 lb./1,000 sq. ft. TT (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/1,000 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. of this product per 1,000 sq. ft. per year (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 this 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)	2-3/4	3-3/4	4-1/4
Scotts/Republic Speedy Green (Broadcast)	2-1/2	3-1/2	4
Fert-Iome/Earthway Ev-N-Spred (Broadcast)	13	14	15

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 provide 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 5-10 weeks apart. Sequential applications may be made in the late summer following a Spring application or in the Spring or after a Fall application, provided the maximum application rates per year given below are not exceeded.

Pounds of Product per 1,000 Square Feet	Pounds of Product per 100 Square Feet[1]
9.2	0.92 lb. (14.7 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/1,000 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. of this product per 1,000 sq. ft. per year (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. Avoid 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 soil 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

Used 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 a 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 the sides of bag have shown tolerance to this product when applied according to label directions. However, this product has not been tested on all ornamental species, all 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. 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. 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. All such risks shall be assumed by Buyer.

LIMITATION OF REMEDIES

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 Seller's election, one of the following:

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

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.

The 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 Seller or the Seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

Manufactured By:
VPG Voluntary Purchasing Groups, Inc.
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BONHAM, TEXAS 75418
Visit Us At: www.hi-yield.com
EPA Reg. No. 62719-483-7401
EPA Est. No. 7401-TX-1
(RV032009)

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100M-4-711-1

Hi-Yield®

Turf & Ornamental Weed & Grass Stopper

33030

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100% 95% 50% 25% 3% 2% 1%
100mm @ 100% 97.12%
48.25" Web Width
4"