

34704-839

6-26-2003

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
34704-839

Date of Issuance:
JUN 26 2003

NOTICE OF PESTICIDE:

Registration
Reregistration

(under FIFRA, as amended)

Term of Issuance:
Conditional

Name of Pesticide Product:
Dimension® 0.10% on Fertilizer

Name and Address of Registrant (include ZIP Code):

Platte Chemical Company
419 18th Street
Greeley, CO 80631

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Add the phrase "EPA Registration No.34704-839 to the label before you release the product for shipment.

COMMENTS CONTINUED ON PAGE 2 OF THIS NOTICE OF REGISTRATION

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product under the enclosed stamped copy of the label constitutes acceptance of these conditions.

Enclosure

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Signature of Approving Official:

Joanne I. Miller

Date:

JUN 26 2003

Comments Continued:

- 2. The claim: "This product is a herbicide that provides control of listed annual grasses and broad leaf weeds in", on the front panel and under the "General Information for Landscape Ornamentals disconnects with other claims such as "Control or Suppression of other Grass and Broadleaf Weeds", "Spring Applications" and "Fall Applications" sections that states that this product will "also control or suppress the following weeds". The inconsistent claims "control" and "control or suppress" must be corrected throughout this labeling.
- 3. Correct the typographic error under "Application Frequency and Timing" section: "Applicators at no more than 500 lbs per acre...". Correct the type size to be consistent in the paragraph under "Spreader Settings". Delete all dates in small print throughout the labeling.
- 4. Correct the error in the "Use Rates for Weed Control Around Ornamentals" that reads "DO NOT apply more than 0.5 lb. *A.I."...; the "per acre" was omitted.
- 5. Submit the following data required for the registration of this pesticide product within 1 year form the date of this Notice of Registration:

<u>EPA Guideline Data Number</u>	<u>Guideline Descriptor</u>
830.6317	Storage Stability Study
830.6320	Corrosion Characteristics

- 6. Submit one (1) copy of the final printed labeling before you release this product for shipment.
 - 7. Submit and/or cite all data required for the registration of this product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of this product under FIFRA, section 4.
-

DIMENSION® 0.10% ON FERTILIZER

This product is a herbicide that provides control of listed annual grasses and broadleaf weeds in ornamental landscape areas, established lawns and ornamental turf, including golf course fairways, roughs, and tee boxes.

Not for use on plants being grown for sale or commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modifications and being grown in interior plantscapes, ornamental gardens or parks, on golf courses or lawns and grounds.

In New York State this product may only be used by commercial applicators at no more than 500 lbs. per acre, equal to 11.48 pounds per 1,000 sq.ft. or 0.5 lbs. active ingredient per acre, per year; and is prohibited from use in Nassau and Suffolk counties.

ACTIVE INGREDIENT: Dithiopyr* - - - 0.10%
OTHER INGREDIENTS: - - - 99.90%
* CAS # 97886-45-8 Total 100.00%

EPA Reg. No. 34704-IGO EPA Est. No. 34704-FL-1
Dimension® is a Reg. TM of Dow Agro Sciences. U.S. Patent # 4,692,184.

KEEP OUT OF REACH OF CHILDREN CAUTION

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 SWALLOWED - Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES - Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING - Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. 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. Have this product container or label with you when calling a poison control center, or doctor, or when going for treatment. You may also call 1-800-858-7378 for emergency medical treatment advice. See side panel for additional Precautionary Statements.

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 contact while handling this material may cause allergic reaction in some individuals.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift and runoff from treated areas may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply directly to water or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

STORAGE: Store this product in its original container in a dry, cool, secured area. Do not contaminate water, foodstuffs, feed, or seed by storage or disposal.

PRODUCT DISPOSAL: As a responsible environmental practice, where possible, it is recommended that all of the contents of the bag be used, carefully following label directions and precautions.

IF EMPTY: Do not reuse this bag. Place in trash or offer for recycling if available.

IF PARTLY FILLED: Call your local waste agency or 1-800 CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

SPILL: In case of spill, sweep up and dispose of material according to PRODUCT DISPOSAL directions listed above.

GENERAL INFORMATION FOR TURF USE

This product is a herbicide that provides control of crabgrass and control or suppression of other annual grasses and broadleaf weeds as listed on this label, growing in established lawns and ornamental turfs, including golf course fairways, roughs, and tee boxes. This product will not harm nearby established ornamentals when used according to label directions.

Net Weight 50 Pounds

Platte Chemical Co. Inc.
419 18th Street - Greeley, CO 80631 U.S.A.

ACCEPTED
with COMMENTS
In EPA Letter Dated
JUN 26 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
34704-839.

This product may be used on seeded, sodded, or sprigged lawns and ornamental turfs that are well-established. The grass must have developed a good root system and a uniform stand, and have received at least two mowings following its seeding, sodding, or sprigging before it can receive its first application of this product. Use of this product on lawns and ornamental turfs that are not well-established, or on those that have been weakened by weather-, pest-, disease-, chemical-, or mechanical- related stress, may increase the chances for turf injury.

This product should only be applied to lawns and ornamental turfs that are composed of the below listed turfgrass species that have been determined to be tolerant to applications of this product. When applied as directed under the conditions described, the below listed established turfgrasses are tolerant to this product:

COOL SEASON GRASSES

- Creeping Bentgrass*
- Kentucky Bluegrass
- Fine Fescues**
- Tall Fescues,
- Perennial Ryegrass

WARM SEASON GRASSES

- Bahiagrass Centepedegrass
- Bermudagrass Kikuyugrass
- Buffalograss*** St. Augustinegrass
- Carpetgrass Zoysiagrass

*Use of this product on certain varieties of creeping bentgrass, such as 'Cohansey', 'Carmen', 'Seaside', and 'Washington' may result in undesirable turfgrass injury. Not all varieties of creeping bentgrass have been tested.

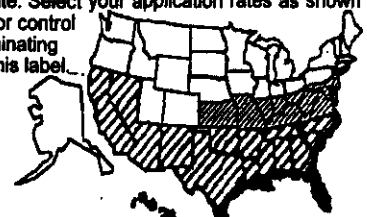
DO NOT apply this product to Colonial bentgrass (*Agrostis tenuis*) variety.

**Use of this product on certain varieties of fine fescue may result in undesirable turf injury. The following fine fescue varieties are sensitive to this product: *Atlanta*, *Banner*, *Beauty*, *Bilgart*, *CF-2*, *Enjoy*, *HF-93*, *Highlight*, *Ivalo*, *Jamestown*, *Koket*, *Majenta*, *Mary*, *Pennlawn*, *Tamara*, *Waldorf*, and *Waldina*. Not all varieties of fine fescue have been tested.

***DO NOT use this product on seedling buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

This map of U.S.A. shows the geographic regions relative to the time that annual weed seeds germinate. Select your application rates as shown in Table #1 and/or Table #2 for control or suppression of these germinating annual weeds as listed on this label.

- North
- Transition
- South
- Coastal



NOTE: It is not possible to evaluate all turfgrass varieties for tolerance to this product. If the variety is unknown or it is not included in the above lists it is suggested that the user evaluate the response of turfgrass varieties to this product on a limited area, at recommended use rates, prior to initiating large-scale use.

Reseeding, Overseeding, or Sprigging

Reseeding, overseeding or sprigging of treated areas with this product should be delayed until 12 weeks from the time of application. Reseeding, overseeding or sprigging before 12 weeks after application may prevent establishment of desirable turfgrasses. When reseeded or overseeded, proper cultural practices such as soil cultivation, irrigation and fertilization should be followed. If overseeding with perennial ryegrass in the fall, overseed 8 weeks or later after a single application. For best results, use mechanical or power seeding equipment (a "Slit Seeders") designed to give good seed to soil contact. (01-24-03)

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Use Precautions

- The early postemergence crabgrass control described below is limited. Postemergence applications are only effective on crabgrass if applied before crabgrass has displayed its fifth leaf or first tiller.
- For best results, cultural practices that disturb the soil, such as core-, spike-, or hydro- aerification, or verticutting, should be done before application of this product.
- DO NOT apply this product until grass has recovered from these cultural practices.
- DO NOT use clippings from treated turf for mulching around vegetables or fruit trees.
- Keep people and pets off treated areas until dust has settled.

APPLICATION DIRECTIONS Control of Crabgrass

Preemergence and Early Postemergence Control

- This product provides "preemergence" control of crabgrass (including the large, smooth, and southern species) when applied prior to the emergence of crabgrass from the ground in established lawns and ornamental turfs.
- It can also provide "early postemergence" control of crabgrass. Postemergence crabgrass control will be obtained only when this product is applied prior to the tillering of crabgrass, which generally corresponds to the time when you can first easily see the crabgrass plants in the lawn or turf. The practical benefit of this product's early postemergence activity is that it can give the user a 2 to 4 week longer period of time to make applications to control crabgrass.

Application Frequency and Timing

- This product may be applied as a single application or as a split application for crabgrass control in the spring, summer or fall.
- DO NOT apply more than 11.48 lbs. of this product per 1,000 sq.ft. per application, and no more than 16.25 lbs. of this product to the same 1,000 sq.ft. per year.
- In New York this product may only be used by Commercial Applicators at no more than 500 lbs. per acre (11.48 pounds per 1,000 sq.ft. / (0.5 lbs. active ingredient per acre, per year; and is prohibited from use in Nassau and Suffolk counties".

Spring Applications

- For single applications made in the spring or early summer, this product should be applied at the appropriate rate corresponding to one of the control programs listed in Table 1 below, depending on the user's location, the turfgrass mowing height, and whether the use is preemergence or early postemergence at the time of the application. The duration of residual weed control provided by this product is directly related to the total rate applied, but will vary somewhat depending on weather, weed pressure, turfgrass competitiveness, and the user's location within a region.
- **Use Program #1** (given in Table #1 for preemergence control at sites where the turfgrass is cut high (e.g., homeowner lawns). This program provides 3-5 months of preemergence crabgrass control. This program should not be used for early post emergence crabgrass control.
- **Use Program #2** for preemergence control at sites where (a) turfgrass is cut low (e.g., golf fairways), and (b) turfgrass maintenance or weed control has not been conducted during the previous year. This program provides 4-6 months of preemergence crabgrass control. This program may also be used for early postemergence control of crabgrass.
- Where split fertilizer applications are recommended, a rate in Table #1 may be applied in two applications made 6-10 weeks apart.

Table #1: Recommended use rates For Crabgrass

Pounds # of this product per 1,000 sq.ft. = (lbs. of a.i. per acre).

Refer to U.S. map on this label REGIONS of U.S.	Program #1 Preemergence Turfgrass, Cut High as Homeowner Lawns	Program #2 Pre- & Postemergence Turfgrass, Cut Low such as Golf Courses
Northern states	2.87 lbs. = .125 # a.i./a	5.74 lbs. = .25 # a.i./a
Transition states	*4.20 lbs. = .183 # a.i./a	*8.40 lbs. = .366 # a.i./a
Southern states	5.74 lbs. = .25 # a.i./a	11.48 lbs. = .50 # a.i./a
Coastal States	*8.40 lbs. = .366 # a.i./a	11.48** lbs. = .50 # a.i./a

Fall Applications

• This product can also be applied in the late summer or early fall (late August through November) at the use rates listed in Table # 2 to provide control of crabgrass through the next summer. •The fall application may be followed by an appropriate spring application to give season-long control. (01-24-03)

*Tips for Improved Control:

- For best results, apply this product within a few days after mowing and delay mowing again for a few days after the application.
- When treated lawn or ornamental turf areas are watered or receive significant rainfall within a few days after application of this product, improved weed control may result.
- Use of split (half-rate) applications spaced 6 to 8 weeks apart may provide improved weed control.

Table #2: PREEMERGENCE APPLICATIONS See table 1 for a.i. equivalents.

Recommended Rates for Preemergence Fall Applications

REGION of U.S. Pounds per 1,000 sq.ft.

For Northern states	apply 8.40 lbs. per 1,000 sq. ft.
For Transition states	apply *11.48 lbs. per 1,000 sq. ft.
For Southern states	apply *11.48 lbs. per 1,000 sq. ft.
For Coastal states	apply **11.48 lbs. per 1,000 sq. ft.

- * DO NOT apply more than 11.48 lbs. of this product per 1,000 sq. ft. per application.
- In New York State this product may only be used by Commercial Applicators at no more than 500 lbs. per acre, equal to 11.48 pounds per 1,000 sq.ft. or 0.5 lbs. active ingredient per acre, per year; and is prohibited from use in Nassau and Suffolk counties". Postemergence control is limited; see Control of Crabgrass and Use Precautions sections on this label. Regions include areas and States listed below.

North: all other northern states and areas.

Transition: DE, KS, KY, MD, MO, NJ, VA, WV southeastern PA, southern areas of IL, IN, OH, & coastal areas of CT, NY, & RI.

South: AL, AR, AZ, CA, GA, LA, MS, NC, NM, NV, OK, SC, TN, & TX

Coastal South: HI, FL, & southern coastal areas of AL, GA, LA, MS, NC, SC, & TX.

**May require split or sequential applications for full control.

Control or Suppression of other Grass and broadleaf Weeds

Spring Applications:

Used as directed for crabgrass control in the spring, (see Table #1), this product will also control or suppress the following weeds, when applied prior to their emergence.

annual Grass weeds

barnyardgrass
bluegrass, (annual, roughstalk)
crowfootgrass
foxtail(yellow & green)*
goosegrass
kikuyugrass
ryegrass, (annual & perennial)
smutgrass

Broadleaf weeds

lespedeza (common)
oxalis, (buttercup, creeping, and yellow woodsorrel)
purslane (common)
speedwell (com)
spurge, (prostrate, and spotted)

*Also controlled at the Program #2 rates.

Fall Applications:

Used as directed for late summer or early fall use, for crabgrass control through the early part of the "next spring", (see Table #2), This product will also control or suppress the following weeds when applied prior to their emergence.

bluegrass, (annual, roughstalk)
bittercress
chickweed
henbit

geranium (Carolina)
parsley-piert
pineappleweed
shepardspurse

APPLICATION EQUIPMENT AND INSTRUCTIONS

Apply this product with drop or rotary-type spreaders designed to apply granular herbicides. Avoid the use of spreaders that would apply this product in narrow rows or concentrated bands. Before each application, calibrate the spreader according to the equipment manufacturer's directions for adjusting the spreader settings such that the spreader delivers the appropriate application rates recommended in Table #1 or Table #2. Apply this product uniformly over the lawn or ornamental turf area. A more uniform application can be made by spreading half of the required amount over the area and then applying the remaining half at a right angle to the previous direction. Avoid streaking, skips, or overlaps during application. Check equipment frequently to ensure equipment is functioning properly and applying uniform distribution of granules.

SPREADER SETTINGS

The following spreader settings are for new equipment. Used or heavily worn equipment may require adjustments. For proper calibration refer to the spreader manufacturer's Maintenance Manual. DO NOT apply this product unless equipment is properly calibrated, to accurately apply the desired lbs. of product per 1,000 sq.ft. as in Table No. 1 or 2.

Pounds . of product to apply /1,000 sq.ft.

Spreader	2.87 lbs.	4.20 lbs.	5.74 lbs.	8.40 lbs.	11.48 lbs
Cyclone B-1	XXX	XXX	XXX	XXX	XXX
Scotts 35	XXX	XXX	XXX	XXX	XXX

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Label copy unit 3 of 4 5/6

EPA Reg. No. 34704-IGO EPA Est. No. 34704-FL -1

GENERAL INFORMATION FOR LANDSCAPE ORNAMENTALS

This product provides preemergence control of listed annual grass and broadleaf weeds in landscape ornamentals. It may be applied to soil surfaces where ornamental plants are grown for aesthetic purposes, in ornamental gardens, parks, golf courses, residential properties, and commercial lawns. The ornamental plants listed on this label have shown tolerance to this product when it is applied as directed. It is impossible, however, to evaluate tolerance for all ornamental plant species or varieties or under all possible growing conditions. Under your growing conditions, a limited area involving only a few plants should be treated for tolerance evaluation prior to large-scale applications.

USE RATES FOR WEED CONTROL AROUND ORNAMENTALS

Apply with a properly calibrated spreader which will assure accurate, even, particle distribution. It may be applied as a single application or as a "split" application. Refer to the following table for product recommendations when treating a small area. DO NOT apply more than 0.5 lb. "A.I." (equal to 11.48 lbs.), of this product per 1,000 sq. ft. per application, and no more than 26.2 lbs. of this product per 1,000 sq. ft. per year.

In New York State this product may only be used by commercial applicators at no more than 500 lbs. per acre, equal to 11.48 pounds per 1,000 sq. ft. or 0.5 lbs. active ingredient per acre, per year; and is prohibited from use in Nassau and Suffolk counties.

Pounds/Acre		lbs. of Product / 1,000 sq. ft.	
*A.I.	Product	Per Application	lbs. of Product / 100 sq. ft.
0.50	500 lbs.	11.48 lbs.	1.48 lbs.
0.25	250 lbs.	3.74 lbs.	0.374 lb.

APPLICATION TIMING AND RECOMMENDATIONS

This product is a preemergence herbicide that will not control established weeds. Make applications to mulch, or to bare ground prior to weed seed germination. The best weed control or suppression 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.

IMPORTANT: Once an application of this product has been made, do not disturb the soil surface because the herbicide barrier will be broken and weed control may be unsatisfactory.

USE PRECAUTIONS

- Only apply this product to established ornamentals.
- Do not apply this product directly to the 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, or injury from previously applied pesticides or turf injury due to insects, nematodes or disease damage.
- To avoid foliar damage to ornamentals, irrigate immediately after application to remove herbicide particles from the foliage.
- Do not apply under conditions that would hamper product distribution. Wind could affect distribution and move product onto sensitive species. Uneven product distribution will result in uneven weed control.
 - Do not apply this product to grasses grown for seed or for research purposes.
 - Do not graze livestock or feed animals forage cut from areas treated with this product.

TOLERANT ORNAMENTALS

When applied as directed under the conditions on this label, ornamentals listed have shown tolerance in field trials. This product has not been tested on all "cultivars" of each species or under all possible growing conditions.

Common Name	Botanical Name	Tolerant Cultivars
Acequia Dwarf	<i>Azalea X grandiflora</i>	Nana
Aluga	<i>Aluga reptans</i>	Bronze
Almond Flowering	<i>Prunus glandulosa</i>	Bronze Beauty
Apple	<i>Malus pumila</i>	
Arborvitae	<i>Thuja occidentalis</i>	Nigra; Pyramidalis; Smaragh Techny; Woodwardii.
Arborvitae Golden	<i>Thuja orientalis</i>	Dwarf Queen
Aster Chinese	<i>Callistephus chinensis</i>	
Ash Green	<i>Fraxinus pennsylvanica</i>	
Ash Mountain	<i>Sorbus aucuparia</i>	
Ash Purple	<i>Fraxinus americana</i>	
Azalea	<i>Rhododendron spp.</i>	Brilliant; Buccaneer; Carror; Chimes (Belgian); Elsie Lee; Exbury; Fashion; Hardijzer Beauty; Hershey Red; Higasa; Hinocrimson; Holland (Hybrid); Marion Lee; Northern Lights; Orange Cup; Orchid Lights; Snow; Southern Charm.
Azalea Flame	<i>Rhododendron calendulaceum</i>	
Azalea Kirishima		
Bamboo Heavenly		
Barberry	<i>Barberis thunbergii</i>	Aurea; Dwarf Pigmy; Green Kobold; Pygmy Red; Rose Glow; Atropurpurea
Barberry Purple		
Basket Flower	<i>Galliedia grandiflora</i>	
Bearberry (common)	<i>Arctostaphylos uva-ursi</i>	Massachusetts
Bee Palm		
Begonia	<i>Begonia spp.</i>	
Birch River	<i>Betula nora</i>	
Blackeyed Susan	<i>Rudbeckia hirta</i>	Goldstrum
Blanket Flower	<i>Galliardia spp.</i>	
Blueberry	<i>Vaccinium spp.</i>	Bluecrop; Blue Jay; Jersey; North Blue; Northland.
Bottlebrush	<i>Callistemon citrinus</i>	Japonica
Boxwood Japanese	<i>Buxus sempervirens</i>	
Boxwood Weller	<i>Cyrillus spp.</i>	Moonlight
Broom	<i>Genista pilosa</i>	Vancouver Gold

TOLERANT LANDSCAPE ORNAMENTALS (continued)

Common Name	Botanical Name	Tolerant Cultivars
Bugle Carpet	<i>Camellia japonica</i>	Debutante; Mathotiana Supreme; Chansonette.
Camellia	<i>Camellia sasanqua</i>	Snow White
Candy Tuft	<i>Iberis spp.</i>	
Carex Variegated	<i>Carex</i>	
Cedar Red	<i>Juniperus virginiana</i>	
Celosia	<i>Celosia spp.</i>	Scarlet Plumosa
Centauria	<i>Centauria Montana</i>	Red Kewpie
Cockscomb Plumosa	<i>Celosia cristata</i>	
Coleus	<i>Coleus blumei</i>	
Columbine	<i>Aquilegia spp.</i>	
Copper Leaf	<i>Acahytha wilkesiana</i>	
Coreopsis	<i>Coreopsis spp.</i>	Moonbeam
Corn Flower	<i>Centauria spp.</i>	
Colocheaster	<i>Colocheaster apiculatus</i>	
Cycads	<i>Cycads revoluta</i>	
Cyrtolobus	<i>Baccharis palustris</i>	
Cypress Bald	<i>Taxodium distichum</i>	
Cypress Italian	<i>Cupressus sempervirens</i>	Glaucia
Cypress Japanese False	<i>Chamaecyparis obtusa</i>	Gracilis
Cypress Leyland	<i>Cupressocyparis leylandii</i>	
Daffodil	<i>Narcissus spp.</i>	King Alfred
Daylily	<i>Hemerocallis spp.</i>	Aztec Gold; Bright Yellow (Hybrid); Single Gold (Ever-green); Wilsons Yellow.
Dianthus (Sweet William)	<i>Dianthus spp.</i>	
Delphinium	<i>Delphinium spp.</i>	Magic Fountain
Dogwood	<i>Cornus florida</i>	
Dogwood American	<i>Cornus sericea</i>	Flavirimaea
Double Fir	<i>Pseudotsuga menziesii</i>	
Dusty Miller	<i>Senecio cineraria</i>	
Elm Drake	<i>Ulmus parviflora</i>	
Euonymus	<i>Euonymus fortunei</i>	Argenteo-variegata; Aureo-marginata; Colozata; Emerald Gaiety; Emerald 'N Gold; Gold Edge; Gold Princess; Silver King; Tricolor; Vegetus.
Fan Palm European	<i>Chamaerops humilis</i>	
Fan Palm Mexican	<i>Washingtonia robusta</i>	
Fern (various)	<i>Asparagus spp.</i>	
Fescue	<i>Festuca glauca</i>	
Ferretbush	<i>Leucotoxoe fontana</i>	Rainbow
Ficus	<i>Ficus religiosa</i>	Nitida
Fir Fraser	<i>Abies frazeri</i>	Arnold Dwarf; Bronxensis Dwarf; Lynwood Gold; Meadowlark; Weeping.
Forsythia	<i>Forsythia X intermedia</i>	
Fur Glor	<i>Spring Glory</i>	
Fur Fraser	<i>Abies frazeri</i>	
Fuchsia	<i>Fuchsia spp.</i>	
Galium	<i>Galium odoratum</i>	
Gardenia	<i>Gardenia jasminoides</i>	Mystery; Radicans
Geranium	<i>Pelargonium X hortorum</i>	
Gum	<i>Eucalyptus citiodora</i>	
Hawthorn	<i>Crataegus spp.</i>	Cocksbur White; Crimson Cloud; Enchanted; Jack Evans; Washington White; Mediterranean Pink
Heather Twisted	<i>Erica cinerea</i>	
Hemlock Canada	<i>Tsuga canadensis</i>	
Hibiscus	<i>Hibiscus spp.</i>	Blue Bird; Brilliant; Hija Girl; Blue Boy; Blue Girl; Burdell; China Girl; Compacta; Forsien; Helene; Japanese N. Beauty; Needlepoint; Nellie R. Stevens; Savannah.
Holly	<i>Ilex spp.</i>	
Holly Chinese	<i>Ilex cornuta</i>	
Holly Japanese	<i>Ilex crenata</i>	
Holly Yaupon	<i>Ilex vomitoria</i>	
Honeysuckle	<i>Lonicera japonica</i>	Clareyis Dwarf; Hattiana; Tatarian Canadian White; Zebell Red Hosta
Hosta	<i>Hosta spp.</i>	Albo Marginata
Hosta	<i>Hosta lancifolia</i>	
Ice Plant	<i>Carricoides edulis</i>	
Impatiens	<i>Impatiens spp.</i>	
Iris	<i>Iris spp.</i>	Dwarf Blue Wedgewood; Bulgarica; Thomdale.
Ivy English	<i>Hedera helix</i>	
Jasmine Asian	<i>Trachelodermum asiaticum</i>	
Juniper	<i>Juniperus spp.</i>	Arcadia; Armstrong; Bar Harbor; Blue Chip; Blue Pacific; Blue Rug; Blue Star; Broadmoor; Buffalo; Calgary Carpet; Emerald Sea; Emerald Spreader; Endora Compacta; Fruitland; Green; Gold Tip; Helix; Hughes; Manhattan Blue; Parsons; Pitzeriana; Plumosa; Prince of Wales Procumbens Dwarf; San Jose; Sargent Blue; Sargent Green; Scandia; Scopulorum Moonglow; Scopulorum Skyrocket; Spartan. Tamascifolia.
Juniper	<i>Juniperus chinensis</i>	
Juniper	<i>Juniperus sabina</i>	
Juniper	<i>Juniperus horizontalis</i>	Webb; Youngstown; Yukon Belle.
King Palm	<i>Archontophoenix; Chinnixhamiana</i>	
Laurel Australian	<i>Pinuscorium lobata</i>	
Laurel Mountain	<i>Kalmia latifolia</i>	
Laurince	<i>Laurince fontanasiana</i>	
Loustrum Japanese	<i>Loustrum japonicum</i>	
Liv African	<i>Agapanthus africanus</i>	Albus; Peter Pan.
Liv of the Valley	<i>Pieris japonica</i>	Mt. Fire
Lilyturf	<i>Lilopa muscar</i>	Evergreen Giant; Lilac Beauty; Majestic; Monroe White; Variegata.
Liriope Green	<i>Liriope spicata</i>	
Maple Japanese	<i>Acer japonicum</i>	
Maple Norway	<i>Acer platanoides</i>	
Maple Red	<i>Acer rubrum</i>	
Maple Silver	<i>Acer saccharinum</i>	
Maple Sugar	<i>Acer saccharum</i>	
Mangold	<i>Taraxacum officinale</i>	Honeycomb; Variegata; Wheelers Dwarf.
Mock Orange	<i>Philadelphus spp.</i>	Golden; Snowflake Double White.
Mondo Grass	<i>Coniopsis japonicus</i>	
Moss Rose	<i>Portulaca grandiflora</i>	Sunnyside

*Ornamental Species only: Do not use on food producing trees and ornamentals

PLATTE CHEMICAL COMPANY

419 18th Street - Greeley, CO 80631

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DIMENSION® 0.10% ON FERTILIZER

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)	variable %
Ammoniacal Nitrogen	%
Water Soluble Organic Nitrogen (and/or Urea Nitrogen)	%
Water Insoluble Nitrogen	%
Available Phosphoric Acid (P ₂ O ₅)	variable %
Soluble Potash (K ₂ O)	variable %
Chlorine, not more than	%
Derived from Ammonium Sulfate, Ammonium Phosphate, Sulfur Coated Urea, and Muriate of Potash.	
Statement of Secondary Plant Foods: Manganese as Mn - %	
Iron as Fe - % Derived from: Manganese Sulfate, and Iron Monohydrate.	

CONTROLS ALL COMMON CRABGRASS SPECIES

large crabgrass <i>Digitaria sanguinalis</i>	Smooth crabgrass <i>Digitaria ischaemum</i>	Southern crabgrass <i>Digitaria ciliaris</i>
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Listed below are other weeds found in turf-grass and around ornamental plants that are controlled or suppressed by this product.

Research studies indicate, that this product, when used as directed, will control or suppress all of the following annual grasses and annual broadleaf weeds. It will not control established broadleaf weeds or established grass weeds, except that it will control crabgrass in the early stages of growth development. For best results, the area to be treated, should be free of weeds and debris prior to application.

TOLERANT LANDSCAPE ORNAMENTALS - continued

Common Name	Botanical Name	Tolerant Cultivars
Myrtle, Grape	<i>Lagerstroemia indica</i>	Faurei; Langer; Muskogee; Standard Pink.
Myrtle, Wax	<i>Myrica cerifera</i>	
Nadina	<i>Nadina domestica</i>	Compacta; Nana
Narcissus	<i>Narcissus spp.</i>	
Oak, Laurel	<i>Quercus laurifolia</i>	
Oak, Pin	<i>Quercus palustris</i>	
Oak, Red	<i>Quercus rubra</i>	
Oak, Southern L.	<i>Quercus virginiana</i>	
Oak, Willow	<i>Quercus phellos</i>	
Oleander	<i>Nerium oleander</i>	Hardy Red; Petite Pink; Sister Agnes.
Osteospermum	<i>Osteospermum fruticosum</i>	Wirrigita
Pachysandra	<i>Pachysandra terminalis</i>	
Palm, Bangalow	<i>Cortadaria selloana</i>	
Pampas Grass	<i>Viola x wittrockiana</i>	
Pansy	<i>Bougainvillea glabra</i>	Barbara Karst
Paper Flower	<i>Crinoid persica</i>	
Peach	<i>Vinca minor</i>	
Periwinkle, Dwarf	<i>Petunia x hybrida</i>	Picotti
Petunia	<i>Petunia x Fraseri</i>	
Photinia, Red Tip	<i>Photinia japonica</i>	
Pieris	<i>Pieris taiwanensis</i>	
Pine, Australian	<i>Pinus nira</i>	
Pine, Japanese Black	<i>Pinus thunbergiana</i>	
Pine, Loblolly	<i>Pinus taeda</i>	
Pine, Longleaf	<i>Pinus palustris</i>	
Pine, Mugo	<i>Pinus mugo</i>	
Pine, Scotch	<i>Pinus sylvestris</i>	
Pine, Slash	<i>Pinus elliotii</i>	
Pine, Swiss Mt.	<i>Pinus mugo</i>	
Pine, Virginia	<i>Pinus virginiana</i>	
Pine, White	<i>Pinus strobus</i>	
Pineapple Guava	<i>Feijoaellowaiiana</i>	
Pittosporum, Japan	<i>Potentilla nepalensis</i>	Abbotswood
Potentilla	<i>Potentilla fruticosa</i>	
Privet	<i>Ligustrum japonicum</i>	Golden Vicary; Regal; Texanum; Yellow Tipced; Wax.
Privet, Glossy	<i>Ligustrum lucidum</i>	
Pyracantha	<i>Pyracantha korodumii</i>	Gnome; Lalander; Victory.
Queen Palm	<i>Arecastrum raminanzotomanum</i>	
Quince, Japanese	<i>Rhododendron spp.</i>	Album; Cunningham White; Fashion; Hardy; FJM; Purple Gem; Silvery Pink.
Rhododendron	<i>Rhododendron carolinianum</i>	
Rhododendron, Carolina	<i>Rhododendron carolinianum</i>	
Rhododendron, Calappa	<i>Rhododendron calappense</i>	
Rose	<i>Rosa banksiana</i>	Snowcap
Rose, Max (Rosebay)	<i>Rhododendron maximum</i>	
Rose	<i>Rosa banksiana</i>	Luta
Rosemary*	<i>Rosmarinus officinalis</i>	
Rosemary, Bog	<i>Andromeda polifolia</i>	Nana
Salvia	<i>Salvia ternacea</i>	Rhea
Sedum	<i>Sedum spumum</i>	Dragon Blood Red; Red Carpet; Yellow
Snapdragon	<i>Antirrhinum spp.</i>	
Sourwood	<i>Oxydendrum arboreum</i>	
Spiraea	<i>Asilbe x erandii</i>	Fanal
Spiraea	<i>Spiraea spp.</i>	Anthony Waterer Red; Dochnica; Froebel Pink; Goldenflame Red; Snowmound White; Van Houtte White.
Spiraea, Garland	<i>Spiraea spp.</i>	
Spruce, Black Hills	<i>Picea glauca</i>	
Spruce, Colorado Blue	<i>Picea pungens</i>	
Spruce, Norway	<i>Picea abies</i>	Conica
Spruce, White	<i>Picea glauca</i>	
Sweetflag, Grassw-Le	<i>Liquidambar styraciflua</i>	
Sycamore	<i>Platanus occidentalis</i>	
Tee Fern (Tiki Fern)	<i>Asparagus virgatus</i>	
Trumpet Flower	<i>Geisemium sempervirens</i>	
Tulip	<i>Tulip spp.</i>	Abeldoom
Verbena, Shrub	<i>Lantana scarrowiana</i>	
Vervain	<i>Verbena spp.</i>	St. Paul
Viburnum	<i>Viburnum spp.</i>	American Cranberry Bush; Arrowwood; Common Snowball; European Cranberry Bush; Linden; Monican; Wright.
Vinca (Periwinkle)	<i>Vinca Minor</i>	
Windmill Palm	<i>Trachycarpus fortunei</i>	
Xylosma	<i>Xylosma congestum</i>	
Yarrow	<i>Achillea spp.</i>	
Yucca	<i>Yucca vomitoria</i>	Dwarf
Yew	<i>Taxus cuspidata</i>	Densiformis
	<i>Taxus X media</i>	

GRASSES

barley <i>Hordeum spp.</i>
barnyardgrass <i>Echinochloa crus-galli</i>
bluegrass, annual <i>Poa annua</i>
brome <i>Bromus spp.</i>
crowfootgrass <i>Dactyloctenium aegyptium</i>
dallisgrass (seedling) <i>Paspalum dilatatum</i>
goosegrass <i>Eleusine indica</i>
foxtail, green <i>Setaria vardi</i>
foxtail, yellow <i>Setaria faberi</i>
kikuyugrass <i>Pennisetum clandestinum</i>
oats, wild <i>Avena fatua</i>
ryegrass (annual & perennial) <i>Lolium spp.</i>
smutgrass <i>Sporobolus indicus</i>

BROADLEAF WEEDS

bittercress <i>Cardamine spp.</i>
carpetweed <i>Mollugo verticillata</i>
chickweed <i>Stellaria spp.</i>
geranium, Carolina <i>Geranium carolinianum</i>
henbit <i>Lamium spp.</i>
knotweed, prostrate <i>Polygonum aviculare</i>
lespedeza, common <i>Lespedeza sojata</i>
marestail <i>Conyza canadensis</i>
medic, black <i>Medicago lupulina</i>
mustard <i>Brassica spp.</i>
oxalis, buttercup <i>Oxalis per-caprae</i>
pineappleweed <i>Matricaria matricarioides</i>
pigweed, redroot <i>Amaranthus retroflexus</i>
parsley-piert <i>Aichemilla arvensis</i>
purslane, common <i>Portulaca oleracea</i>
rocket, London <i>Sisymbrium irio</i>
shepherdspurse <i>Capsella bursa-pastoris</i>
speedwell, corn <i>Veronica arvensis</i>
spurge, garden <i>Euphorbia hirta</i>
spurge, prostrate <i>Euphorbia humistrata</i>
spurge, spotted <i>Euphorbia maculata</i>
woodsorrel creeping <i>Oxalis corniculata</i>
woodsorrel, yellow <i>Oxalis stricta</i>

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