



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505P) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460 EPA Reg. Number:

Date of Issuance:

53883-246

AUG 2 2 2008

Term of Issuance:

conditional

Name of Pesticide Product:

Prodiamine 0.28 Plus

NOTICE OF PESTICIDE:

x Registration
__ Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Control Solutions, Inc. 5903 Genoa-Red Bluff Rd. Pasadena, TX 77507-1041

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

- 1. Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
- 2. Make the following label changes:
 - a. Under Storage and Disposal section, change the first bullet to "Pesticide Storage".
 - b. Change first statement to read "To the extent permitted by law, the buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label."
 - c. Revise the EPA Registration Number to read, "EPA Reg. No. 53883-246."

toanne J. Miller

Signature of Approving Official:

Joanne I. Miller Product Manager 23 Herbicide Branch

Registration Division (7505P)

Date:

AUG 22 2008

Submit one copy of the revised final printed label for the record.

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

A stamped copy of the label is enclosed for your records.

PRODIAMINE 0.28 PLUS

FOR PREEMERGENCE CONTROL OF GRASS AND BROADLEAF WEEDS IN ESTABLISHED TURF GRASSES (EXCLUDING GOLF COURSE PUTTING GREENS) AND LAWNS

[LANDSCAPE ORNAMENTALS, ESTABLISHED PERENNIALS AND WILDFLOWER PLANTINGS]

[STOPS MANY UGLY WEED GRASSES BEFORE THEY GROW PREVENTS CRABGRASS, ANNUAL BLUEGRASS, FOXTAIL & MORE]

ACTIVE INGREDIENT:

KEEP OUT OF REACH OF CHILDREN CAUTION

See back panel for further precautions and First Aid information

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye injury (irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or repeated skin contact with product may cause allergic reactions in some individuals.

NET WEIGHT 50 POUNDS (22.7 kg.)

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen	XX%
Soluble Potash	XX%
Sulfur	XX%
XXXXXX	XX%

EPA REG NO. 53883 -XXX

EPA EST. NO. XXXXX-XX-XXX

Manufactured by: Control Solutions, Inc. 5903 Genoa-Red Bluff Rd. Pasadena, TX 77507-1041 281-892-2500

ACCEPTED with COMMENTS In EPA Letter Dated:

AUG 2 2 2008
Under the Federal Insecticide.
Fungicide, and Rodenticide Actas amended, for the pesticide registered under EPA Reg. No.

53883-246

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 ON SKIN OR	Take off contaminated clothing.	
CLOTHING:	Rinse skin immediately with plenty of water for 15-20 minutes.	
·	Call a poison control center or doctor for treatment advice.	
IF SWALLOWED:	 Call a poison control center or physician immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or physician. 	
	Do not give anything by mouth to an unconscious person.	
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, is 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. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.

ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

DIRECTION FOR USE

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

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

GENERAL INFORMATION

This product is a turf fertilizer and a selective pre-emergence herbicide that provides residual control of many grass and broadleaf weeds in established turf grasses (excluding golf course putting greens), and lawns, landscape ornamentals and established perennials and wildflower plantings. It controls susceptible weeds by inhibiting weed seeds, germination and root development.

NOTE: Do not apply through any type of irrigation system. Do not apply aerially. Do not graze or feed livestock forage cut from treated areas.

WEEDS CONTROLLED

When used in accordance with label directions, this product will provide control of the following weeds:

Barnyardgrass
Bluegrass, Annual (*Poa annua*)
Carpetweed
Chickweed, Common
Chickweed, Mouseear (from seed)
Crabgrass (large, smooth)
Crowfootgrass
Cupgrass, Wooly
Foxtails, Annual
Goosegrass¹

Henbit
Itchgrass
Johnsongrass (from seed)
Junglerice
Knotweed
Kochia
Lambsquarter, Common
Lovegrass

Lovegrass
Panicum (Texas, fall, browntop)
Pigweed

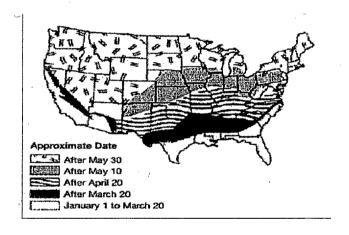
Purslane, Common
Pusley, Florida
Rescuegrass³
Shepherd's Purse²
Signalgrass, Broadleaf
Speedwell, Persian
Sprangletop
Spurge, Prostrate
Witchgrass
Woodsorrel, Yellow (from seed)

¹In many areas a single application of 233 to 535 pounds/acre will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained with an initial application of 233 to 357 pounds/acre, followed after 60 to 90 days by a second application at doses that would not exceed the maximum annual rate (see "Maximum Application Rate by Turfgrass Species" table in the Rates of Application section of this label).

²For this weed, apply in late summer, fall or winter prior to germination.

³Suppression only.

GERMINATION DATES



ESTABLISHED TURF

APPLICATION DIRECTIONS: Apply this product uniformly, using a suitable spreader that has been properly calibrated. Most effective weed control will be obtained when this product is activated by at least 1/2 inch of rainfall or irrigation prior to weed seed germination and within 14 days application.

USE PRECAUTIONS: The following precautions apply to the use of this product in turf grasses and lawns.

- Application of this product may thin emerged annual bluegrass and newly overseeded grasses.
- Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil (not thatch plus soil).

- 3. Do not cut (harvest) treated sod before 120 days after application. Do not apply newly set sod until the following year.
- 4. Application to turf stressed by drought, low fertility, or pest damage may result in turf injury.
- 5. Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control.
- 6. Do not apply to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.

RATES OF APPLICATION: This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. Sequential application may be made as long as the total amount of product applied does not exceed the maximum annual application rates recommended for each turf species. All applications must be made prior to germination of the target weeds. This product will not control established weeds. Maximum use rate selection should be based on turf species. The length of time of residual weed control provided by this product is related to the rate applied. Use the higher rates listed for longer periods of weed control.

MAXIMUM ANNUAL RATES: This product is recommended for use on the turf grass species listed in the following table. The maximum amount of this product that may be applied per year is given for each turf grass species. Do not apply more than 535 lbs. of this product per calendar year. Use higher rates of product to achieve higher levels of fertility and longer periods of weed control for each turf type, but do not exceed the maximum yearly rate listed.

MAXIMUM APPLICATION RATE/CALENDAR YEAR (by Turf Grass Species)				
Turf Species	Lbs. Product/Acre	Lbs. a.i./Acre		
Creeping Bentgrass	233 lbs.	0.65 lb.		
Creeping Red Fescue	267 lbs.	0.75 lb.		
Buffalograss				
Kentucky Bluegrass	357 lbs. `	1.00 lb.		
Perennial Ryegrass				
Bahiagrass,				
Bermudagrass ²				
Centipedegrass,				
Seashore Paspalum,	535 lbs.	1.50 lb.		
St. Augustinegrass				
Tall Fescue (including turf-	·			
Type)				
Zoysiagrass				

¹These are the maximum rates per calendar year.

WHEN TO APPLY AFTER OVERSEEDING TURF

Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil.

WHEN TO OVERSEED AFTER APPLICATION: This product will inhibit germination of turf seed if overseeded too soon after application. Follow rates and intervals in table for best overseeding/reseeding results.

²May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 180 pounds/acre. Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of foxtail, goosegrass and rescuegrass due to reduced rates used in sprigging situations.

Product Rate Lbs./Acre		oduct Rate Lbs./Acre Months Before Overwintering		
Lbs. Product/Acre	Lbs. a.i./Acre	North	Transition	South
180	0.50	4	4	4
233	0.65	5	4	4
267	0.75	6	5	- 5
285	0.80	-	6	6
357	1.00	<u>.</u>	7	7
407	1.14	-	-	9
465	1.30	-	-	10
535	1.50	-	-	12

APPLICATION DIRECTIONS: Apply uniformly with suitable, calibrated application equipment. Calibrate your spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the recommended application rate under actual application conditions. Apply this product uniformly over the area to be treated. Avoid streaking, skips and overlaps during application. Calibration of spreader may be needed is conditions of area to be treated changes and rate or speed of application are changed.

Spreader settings for 1,000 sq. ft.	180 lbs. product/A	267 lbs. product/A	357 lbs. product/A	535 lbs. product/A
Spreader A		•		
Spreader B	(spreader settings available at printing)			
Spreader C				

LANDSCAPE ORNAMENTALS

(including established perennials and wildflower plantings)

This product may be applied for residual pre-emergence weed control in ornamentals. Apply at the rate of 5.35 to 12.28 pounds/1,000 square feet (233 to 535 pounds/acre) in fall and/or spring. Use higher rates of application for longer control periods. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rate of 12.28 pounds/1,000 square feet (535 pounds/acre) per year.

APPLICATION TIMING AND INFORMATION: This product may be applied to newly transplanted and established ornamentals as a broadcast, over the top or directed application. Around new transplants, delay application to allow soil to settle and water thoroughly before applying. Apply after cuttings form roots and become established. Apply before budding/grafting or after buds/grafts have taken to avoid any inhibition of the tissue union. This product is a preemergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when this product is activated by at least 1/2 inch of rainfall or irrigation, or with shallow (1 to 2 inch) mechanical incorporation, prior to weed seed germination and within 14 days following application. Best weed control is obtained when applied to soil free of clods, weeds and debris such as leaves. Prior to application, control existing vegetation by hand weeding, cultivation or the use of an appropriate post-emergence herbicide.

TOLERANT ORNAMENTAL SPECIES: This product will not harm most trees, shrubs, vines and flowers. The species listed below are tolerant to this product. Best results will be obtained when product is uniformly applied to the soil surface; avoid applying to ornamental shoots which may defeat the effort to get uniform distribution on the soil surface. This product may be applied over the top of these species. When plants are under stress (such as heat, drought or frost damage) some cultivars of listed plants may be sensitive to this product.

SCIENTIFIC NAME

Abolia gran

Abelia grandflora

Acer palmatum

A. Platanoides

Achillea spp.

Actindia chinensis

Agapanthus africanus

Agapanthus orientalis

Akebiag guintata

Allium cemuum

Anemone hybrida

Aquillegia spp.

Arctostaphylos densiflora

Arctotheca calendula

Artemesia spp.

Aster spp.

Aster X Frikartii

Athrium Filiz-femina

Aucuba japonica

Begonia spp.

Berberis gladwynensis

B. Julianae

B. mentorensis

B. Thunbergil

B. Verruculosa

Bergenia cordifolia

Boltonia asteroides

Buddleia davidii

Buxus microphylla

Callistemon viminalis

Calluna vulgaris

Campanula carpatica

Campis X Tagliabuana

Carpobrotus edulis

Cassia artemisoides

Ceanothus rigidus

Ceratostigma plumbagonoides

Chamaecyparis pisifera

Cleyera japonica

Citrus spp.

Coreopsis spp.

Cornus florida

C. Stolonifera

Cortaderia seloana

Cotoneaster apiculatus

C. buxifolius

C. dammeri

C. Microphyllus

Cretaegus spp.

Crocosmia spp.

Cupressus sempervirens

Delosperma alba

Delosperma spp.

Delphinium spp.

COMMON NAME

Fir species** (Balsam, Frasier, Noble, etc.)

Abelia: Sherwood

Japanese Maple

Norway Maple

Yarrow: King Edward

Kiwi*

Lily-of-the-Nile (African Lily)

Five-leaf or Chocolate Vine

Lady's Leek, Nodding Onion

Japanese Anenome

Aquilegia: Red and Gold

Vine Hill Manzanita

Cape Weed

Wormwood: Silver Mound, Castle

Aster: Bonnie Blue, Purple Dome

Lady Fern; Fern Lady

Japanese Aucuba

Fibrous Begonia: Hardy Grandis

Barberry

Wintergreen Barberry

Mentor Barberry

Japanese Barberry

Warty Barberry

Snowbank

Butterfly-Bush (Dwarf Blue); Royal Red

Japanese Boxwood

Weeping Bottlebrush

Scotch Heather

Tussock Bellflower, (White Clips)

Trumpet Flower, Madame Galen

Hottentot Fig (Ice Plant)

Feathery Cassia

Wild Lilac

False Cypress

Cleyera

Citrus species*

Coreopsis (Calliopsis) Early Sunrise, Moonbeam

Flowering Dogwood

American Dogwood

Pampas Grass

Cranberry Cotoneaster

Cotoneaster

Bearberry Cotoneaster

Rockspray Cotoneaster

Hawthorne

Lucifer

Italian Cypress

White Trailing Ice Plant

Cooperi Pink

Larkspur: Blue Elf

Dianthus deltoides
D. gratianopolitanus
Dodonea viscosa
Echinacea purpurea
Elaeagnus pungens
Euonymus fortunei
E. japonica

E. japonica
E. kiautschovica
Fatsia japonica
Forsythia intermedia
Forsythia suspensa
F. viridissima
Gaillardia spp.

Gardenia jasminoides

Gaura spp.

Gentiana dahurica Geranium cinereum Gladiolus spp. Gypsophilia repens Hedera helix Hellanthemum spp.

Hemerocallis spp. Hibiscus Hibiscus spp.

Hibiscus rosa-sinensis Hosta plantaginea H. Sieboldiana

Houttuynia cordata var. variegata

Hydrangea macrophylla

Ilex Bernyi
Ilex cornuta
I. crenata
I. opaca
I. vomitoria
Inula ensifolla
Iris ensata
Iris siberica
Iris spp.

Jasminium nudiflorum Juniperus chinensis

J. conferta
J. davurica
J. horizontalis
Juglans spp.

Justicia brandegeana Lagerstromia indica

Lagerstromia indica X Fauriei Lantana montevidensis

Lavender spp.

Leonopodium alpinum Ligustrum amurense Ligustrum sinense

L. japonicum
L. lucidum
Lilium spp.
Liriope muscari

Dianthus: Maiden Pinks "Zing"

Cheddar Pink Hop Bush

Coneflower, Purple; Magnus

Silverberry Wintercreeper Evergreen Euonymus Spreading Euonymus

Spreading Euonymus Japanese Aralia Border Forsythia Weeping Forsythia Greenstem Forsythia

Gaillardia, Blanket Flower: "Goblin"

Gardenia, Cape-Jasmine

Gentian Cranesbill

Gladiolus species**
Baby's Breath
English Ivy
Sunrose

Daylily: Aztec Gold, Stella de Oro, Tender Love

Rose of Sharon**

Mallow: Disco Belle White

Chinese Hibiscus

Hosta, Plantain Lily (Fragrant)

Hosta, "Seersucker"

Bigleaf Hydrangea

Holly

Chinese Holly Japanese Holly American Holly

Yaupon Holly, Schillings

Sword-Leaved Iris; Jodlesong Siberian Iris; Cabernet

Iris species**

Winter Jasmine Chinese Juniper; Nick's Compact, Parsonnii

Shore Juniper; Blue Pacific

Parsoni

Creeping Juniper

Walnut* Shrimp Plant Crape Myrtle

Crape Myrtle; Tuscarora Weeping Lantana Lavender; Munstead

Edelweiss Amur Privet

Chinese Privet; Variegata

Japanese Privet (Waxleaf)

Lllv: Jazz

Big Blue Lily, Silver Mound, Evergreen Giant

Liriope muscari var. variegata

Liriope spicata Lobelia Cardinalis Lonicera japonica

L. tatarica

Lorapetalum chinense

Lythrum spp. Magnolia spp. Maleophora luteola

Malus spp.

Miscanthus sinensis Nandina domestica Narcissus spp. Nerium oleander Olea europaea

Ophiopogon japonicus
Omanthus heterphyllus
Osteospermum fruiticosum
Oxydendrum arboreum
Paeonia suffruticosa
Pennisetum setaceumi
Perovskia atriplicifolia
Persea americana
Photinia Fraseri
Physotegia Virginiana

Picea spp.
Pieris japonica
Pinus brutia
P. canariensis
P. Elliottii
P. halepensis
P. nigra
P. palustrus
P. radiata
P. strobus

P, taeda P. Thunbergiana P. Virginiana

P. sylvestris

Pistachio spp.
Pittosporum rhombifolium

P. tobira

Podocarpus macrophyllus Prunus laurocerasus

Prunus spp.

Pseudotsuga menziesii Pyracantha coccinea

P. fortuneana P. koidzumii Pyrus spp.

Quercus Shumardii Quercus spp. Raphiolepsis indica Raphiolepsis umbellata

Rhododendron

Liriope, Variegated Liriope, Creeping

Cardinal Flower, Indian Pink Japanese Honeysuckle Tatarian Honeysuckle

Burgundy

Loosestrife; Modern Pink Magnolia species**

Ice Plant Crabapple*

Yaku Jima, Silberfeder Heavenly Bamboo Narcissus species**

Oleander Olive*

Mondo Grass

Osmanthus (False Holly); Gulf Tide

Trailing African Daisy

Sourwood Tree Peony

Fountain Grass (Dwarf)

Avocado*

Frasier's Photinia (Redtip) Dragonhead, False; Vivid

Spruce species** (Colorado Blue, Norway, etc.)

Lily-of-the-Valley Bush Calabrian Pine Canary Island Pine Slash Pine

Aleppo Pine
Austrian Pine
Longleaf Pine
Monterey Pine
Eastern White Pine

Scotch Pine Loblolly Pine

Japanese Black Pine

Virginia Pine Pistachio*

Queensland Pittosporum Japanese Pittosporum

Japanese Yew English Laurel

Almond, Apricot, Nectarine, Peach, Plum and

Prune*

Douglas Fir**
Firethorn (Scarlet)

Firethorn Firethorn

Bradford Pear spp. Oak, Shumard's Red

Oak species Indian Hawthorne Yedda Hawthorne

'Coral Bells,' 'Formosa,' 'Hino-crimson,' 'PJM'

W

(including Azalea)

Rosmarinus officinalis

Rosa banksiae

Rudbeckia spp. Santolina virens

Saxifraga spp.

Scabiosa spp.

Sedum album

Sedum cauticola

Sedum spurium

Spiraea bumalda

Taxus cuspidata

Thuia occidentalis

Tsuga canadensis

Viburnum japonicum

V. odoratissimum

Teucrium spp.

T. media

Tulipa spp.

V. plicatum

V. rigidum

V. tinus

V. trilobium

Vinca major

Vinca Minor

Weigela florida

Yucca aloifolia

Y. filametosa

Vitis spp.

V. wrightii

V. suspensum

Veronica spp.

Sedum dasyphyllum

Syzygium paniculatum

Thalictrum diptercarpum

Trachelospermum asiatum

'Delaware Valley White', 'Roseum Elegans,' 'Flame Creeper', 'Girard Crimson', 'Wakeilebisu

'White Gumbo', 'George L. Tabor'

Lady Bank's Rose

Rosemary*

Black-Eved Susan: Goldsturm

Santolina

Saxifrage; Purple Dome Pincushion Flower

Stonecrop

Stonecrop; Lidakense

Stonecrop

Stonecrop; Dragon's Blood Spirea; Anthony Waterer Australian Brushcherry

Japanese Yew

Yew

Germander Meadow Rue

American Arborvitae

Star Jasmine Canada Hemlock Tulip species

Veronica, Speedwell; Sunny Border

Japanese Viburnum Sweet Viburnum Japanese Snowball Canary Island Viburnum Arrowood Viburnum Laurustinus

Cranberry Bush
Leatherleaf Viburnum
Greater Periwinkle, Vinca
Common Periwinkle, Vinca

Grape*

Old Fashioned Weigela Spanish Bayonet, Yucca Adam's Needle, Yucca

*Do not use on food producing trees, vines or plants.

STORAGE AND DISPOSAL

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

STORAGE: Store in original container away from other fertilizer, feed or foodstuffs and separated from other pesticides.

PRODUCT DISPOSAL: 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.

If spilled: Sweep up and use as per label instructions or dispose of as indicated above.

NOTICE: Buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label. If these terms are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid.

^{**}Not for use on container grown plants.