

CENTRAL PROTURF 15-0-0

Turf Fertilizer with 0.42% Prodiamine Herbicide

For selective preemergence control of grass and broadleaf weeds in:

- Established Turf Grasses (excluding golf course putting greens) and lawns
- Landscape Ornamentals (including established perennials and wildflower plantings)

Guaranteed Analysis

Total Nitrogen (N)	15.0%	Active Ingredient
14.0% Urea Nitrogen**		Prodiamine, [N ³ ,N ³ -Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine
0.85% Water insoluble nitrogen*	0.42%	
0.15% Other water Soluble Nitrogen		Other Ingredients
		Total.....

**4.5% Slowly available Nitrogen From Polymer coated urea.

* 0.5% Slowly available nitrogen from organic sources

Derived From: [Urea, Polymer Coated Urea, Biosolids.][†]

EPA REG. NO. 53863-297-103168
 EPA EST. NO. 47956-PA-001
 EPA EST. NO. 41124-OH-1
 EPA EST. NO. 45719-PA-3
 EPA EST. NO. 75527-PA-12
 EPA EST. NO. 8378-IN-1
 EPA EST. NO. 93243-CT-1 (CT)
 EPA EST. NO. 90561-NC-001 (N)
 EPA EST. NO. 93243-TX-1 (TX)
 EPA EST. NO. 92626-TN-1



Distributed and Guaranteed by
 Central Turf & Irrigation
 8 Williams St.
 Elmsford, NY 10523
 Phone # 914-347-5656
 Net Weight 50 Pounds

Product Code: **149415**

Lot#

Premium Turf Grade: **SGN 220**

Rev 0124

Suggested Application Rates and Coverage

COVERAGE	12,500 sq.ft.	10,000 sq.ft.
Rate	4.0 lbs/K	5.0 lbs/K
Rate N/K	0.48#N/K	0.6#N/K
LESCO Letter/Number	E/13	G/16
Scotts R-8	J	M
Prizelawn	J	M
HVN - Earthway	15	18
Spyker	4	7
Lely	5	8
Vicon	23	27

Spreader settings vary by make and model of spreader. Calibrate individual spreaders are calibrated for the specific product that is to be applied. Information on spreader make and model and suggested settings will be available at time of label printing. Use a walking speed of 3 miles per hour

Application Rates for example only - do not exceed the maximum annual application rate of 1.5 lb a.i./1000 sq. ft. (8.2 lb product/1000 sq. ft.)

Keep Out of Reach of Children

CAUTION

See the following section, Precautionary Statements, Hazards to Humans and Domestic Animals, for additional information.

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 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 ON SKIN OR CLOTHING:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 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 the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.	

Precautionary Statements

CAUTION

Hazards to Humans and Domestic Animals

Causes moderate eye irritation.

Avoid contact with eyes or clothing. Avoid contact with eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Environmental Hazards

Central Proturf Premium Turf Fertilizer with 0.42% Prodiamine Herbicide 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. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. 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 run off to water bodies or drainage systems.

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.

CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

This product is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in:

- Established turf grasses (excluding golf course putting greens) and lawns
- Landscape ornamentals
- Established perennials and wildflower plantings

This product controls susceptible weeds by inhibiting weed seeds germination and root development. Most effective weed control will be obtained when it is activated by at least 1/2 inch of rainfall, irrigation, or shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days following application.

Not for use on plants being grown for; (1) Sale or other commercial use, (2) for commercial seed production, or (3) 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 and grounds.

Do not graze or feed livestock forage cut from areas treated with this product. Do not apply aerially. Do not apply to golf course putting greens. Do not apply this product through any type of irrigation system.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

WEEDS CONTROLLED

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

Barnyardgrass	Kochia
Bluegrass, Annual (<i>Poa annua</i>)	Lambsquarter, common
Carpetweed	Lovegrass
Chickweed, common	Panicum (Texas, Fall, Browntop)
Chickweed, mouse ear (from seed)	Pigweed
Crabgrass (large, smooth)	Purslane, common
Crowfootgrass	Pusley, Florida
Cupgrass, Woolly	Rescuegrass ³
Foxtails, Annual	Shepherd's Purse ²
Goosegrass ¹	
Henbit	
Itchgrass	
Johnsongrass (from seed)	
Junglerice	
Knotweed	

¹In many areas a single application of 0.65lb. to 1.5 lb. active ingredient per acre (equal to 155 lbs. to 357 lbs./ A of this product or equal to 3.6 to 8.2 lbs./10130 sq. ft. of this product) will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained by making an initial application of 0.65 lb. to 1.0 lb. a.i. per acre (equal to 155 lbs. to 238 lbs./A of this product or equal to 3.6 to 5.5 lbs./1000 sq. ft. of this product) followed after 60 to 90 days by a second application at doses that would not exceed those given in the Maximum Annual Rate Table. Do not exceed the maximum rate for turf grass species listed in the Maximum Annual Rate Table above.

²Applications for this weed should be made in late summer, fall, or winter prior to germination.

³Suppression only. Sequential applications may be made so 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 weed seeds.

APPLICATION DIRECTIONS

Apply uniformly with suitable, calibrated application equipment.

ESTABLISHED TURF:

This product is a selective preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turf grasses and lawns. The maximum amount of this product that may be applied per year is given for each turf grass species in the Maximum Annual Rates section of this label. Most effective weed control in turf grasses will be obtained when this product is activated by at least 0.5 inches of rainfall or irrigation prior to weed seed germination and within 14 days following application. See the map below for approximate crabgrass seed germination dates.



USE PRECAUTIONS AND RESTRICTIONS: The following precautions apply to the use of this product in turf grasses and lawns: (1) Application of this product may thin emerged annual bluegrass and newly overseeded grasses. (2) 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 to newly set sod until the following year. (4) Application of this product 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 this product 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. 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.

MAXIMUM ANNUAL RATES

This product is for use on the turf grass species listed in the following table. Do not exceed the maximum yearly rate as given in the following table:

Maximum Application Rate/Calendar Year of turf fertilizer by turf grass species ⁽¹⁾			
Turf Species:	Lbs. Product/A	Lbs. Product/1000 sq. ft.	Lbs. a./A
Creeping Bentgrass	155	3.6	0.65
Creeping Red Fescue	179	4.1	0.75
Buffalograss Kentucky Bluegrass Perennial Ryegrass	238	5.5	1.0
Bermudagrass ⁽²⁾ Bahagrass Centipedegrass Seashore Paspalum St. Augustinegrass Tall Fescue (including turf-type) Zoysia	357	8.2	1.5

¹These are the maximum rates per calendar year by species limitations.

²May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 0.5 lb. a.i./acre (equal to 119 lbs./A of this product or equal to 2.7 lbs./1000 sq. ft. of this product). Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Foxtail, Goosegrass, and Rescuegrass due to reduced product rates used in sprigging situations.

- Do not apply more than 1.5 lbs. a.i. per calendar year per acre (equal to 357 lbs./A of this product or equal to 8.2 lbs./1000 sq. ft. of this product).
- Use higher rates of this product to achieve higher levels of fertility and longer periods of weed control for each turf type, but do not exceed the maximum application rates specified in the **Maximum Annual Rates Table**.

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 the germination of turf species if overseeded too soon after application. Follow rates and intervals in the following table below for best overseeding/reseeding results.

LBs Product/Acre	LBs Product/1000 sq. ft.	LBs ai/A	Months Before Overseeding		
			North	Transition	South
119	2.7	0.50	4	4	4
155	3.6	0.65	5	4	4
179	4.1	0.75	6	5	5
190	4.4	0.80	-	6	6
238	5.5	1.00	-	7	7
271	6.2	1.14	-	-	9
310	7.1	1.30	-	-	10
357	8.2	1.50	-	-	12

LANDSCAPE ORNAMENTALS

Including Established Perennials and Wildflower Plantings
This product may be applied for residual preemergence weed control in ornamentals.

Use rates and When to Apply

Apply in fall and/or spring, 0.65 to 1.5 lbs. active ingredient per acre, which is equal to 3.6 to 8.2 lbs. of this product per 1,000 sq. ft. of ornamental plantings; therefore 20 lbs of this product will treat 2,439 to 5,566 sq. ft. Use the higher rates of application for longer control periods. Sequential applications may be made as long as the total amount of product applied does not exceed the maximum annual application rate of 1.5 lbs. a.i. per acre.

Established Landscape Ornamentals

This product may be applied to established ornamentals as a broadcast, over the top, or directed application. Irrigation or rainfall soon after application will wash residues off plant foliage and activate it into the soil.

Newly Transplanted Landscape Ornamentals

This product may be applied to newly transplanted ornamentals as a broadcast, over the top, or directed application. Delay application to allow soil to settle around new transplants and water thoroughly before applying this product. 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.

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 it 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

Abies spp.
Abelia grandiflora
Acer palmatum
A. Platanoides
Achillea spp.
Actinidia chinensis
Agapanthus africanus
Akebia quintata
Allium cemuum
Anemone hybrida
Aquilegia spp.
Arctostaphylos densiflora
Arctotheca calendula
Artemesia spp.
Aster spp.
Aster X Frikartii
Athrium Filiz-femina
Aucuba japonica
Begonia spp.
Berberis gladwynensis
Berberis Julianae
Berberis mentorensis
Berberis Thunbergii
Berberis 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.

COMMON NAME

Fir
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 Anemone
Columbine (Red and gold)
Vine Hill Manzanita
Cape Weed
Wormwood; Silver Mound, Castle
Aster: Bonnie Blue, Purple Dome
Lady Fern
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 (Calliopis) Early Sunrise, Moonbeam

Cornus florida
C. Stolonifera
American Dogwood
Cortaderia selloana
Cotoneaster apiculatus
Cranberry Cotoneaster
C. buxifolius
Cotoneaster
C. dammeri
Bearberry Cotoneaster
C. Microphyllus
Rockspray Cotoneaster
Hawthorne
Lucifer
Italian Cypress
White Trailing Ice Plant
Cooperi Pink
Larkspur: Blue Elf

Dianthus deltoides
Dianthus: Maiden Pinks "Zing"

D. gratianopolitanus
Cheddar Pink

Dodonea viscosa
Hop Bush

Echinacea purpurea
Coneflower, Purple; Magnus

Elaeagnus pungens
Silverberry

Euonymus fortunei
Wintercreeper

E. japonica
Evergreen Euonymus

E. kiautschovica
Spreading Euonymus

Fatsia japonica
Japanese Aralia

Forsythia intermedia
Border Forsythia

Forsythia suspensa
Weeping Forsythia

F. viridissima
Greenstem Forsythia

Gaillardia spp.
Gaillardia, Blanket Flower: "Goblin"

Gardenia jasminoides
Gardenia, Cape-Jasmine

Gaura spp.

Gentiana dahurica
Gentian

Geranium cinereum
Cranesbill

Gladiolus spp.
Gladiolus species**

Gypsophilia repens
Baby's Breath

SCIENTIFIC NAME

COMMON NAME

Lagerstromia indica X Tuscarora
Crape Myrtle;
Fauriel
Lantana montevidensis
Weeping Lantana
Lavender spp.
Lavender; Munstead
Leonopodium alpinum
Edelweiss
Ligustrum amurense
Amur Privet
Ligustrum sinense
Chinese Privet;
Variegata
L. japonicum
Japanese Privet
L. lucidum
Glossy Privet
(Waxleaf)
Lilium spp.
Lily; Jazz
Lilium spp.
Big Blue Lily, Silver Mound, Evergreen
Liriope muscari

Liriope, Variegated

Liriope muscari var. variegata
Liriope spicata
Liriope, Creeping
Lobelia Cardinalis
Cardinal Flower,
Indian Pink
Lonicera japonica
Japanese
Honeysuckle
L. tatarica
Tatarian
Honeysuckle
Loropetalum chinense
Burgundy
Lythrum spp.
Loosestrife; Modern
Pink
Magnolia spp.
Magnolia species**
Maleophora luteola
Ice Plant
Malus spp.
Crabapple*
Miscanthus sinensis
Yaku Jima,
Silberfeder
Nandina domestica
Heavenly Bamboo
Narcissus spp.
Narcissus species**
Nerium oleander
Oleander
Olea europaea
Olive*
Ophiopogon japonicus
Mondo Grass
Omanthus heterophyllus
Osmanthus (False Holly); Gulf Tide
Osteospermum fruticosum
Trailing African Daisy
Oxydendrum arboretum
Sourwood
Paeonia suffruticosa
Tree Peony
Pennisetum setaceum (Dwarf)
Fountain Grass
Perovskia atriplicifolia
Avocado*
Persea americana
Frasier's Photinia
Photinia Fraseri (Redtip)
Physotegia Virginiana
Dragonhead, False;
Vivid
Picea spp.
Spruce species**
(Colorado)

Pieris japonica
Blue, Norway, etc.)
Bush
Lily-of-the-Valley
Pinus brutia
Calabrian Pine
P. canariensis
Canary Island Pine
P. Elliottii
Slash Pine
P. halepensis
Aleppo Pine
P. nigra
Austrian Pine
P. palustris
Longleaf Pine
P. radiata
Monterey Pine
P. strobus
Eastern White Pine
P. sylvestris
Scotch Pine
P. taeda
Loblolly Pine
P. Thunbergiana
Japanese Black Pine
P. Virginiana
Virginia Pine
Pistachio spp.
Pistachio*
Pittosporum
Queensland
Pittosporum
rhombifolium
P. tobira
Japanese
Pittosporum
Japanese Yew
Podocarpus macrophyllus
Japanese Yew
Prunus laurocerasus
English Laurel
Prunus spp.
Almond, Apricot,
Nectarine, Peach,

Pseudotsuga menziesii
Plum and Prune*
Pyracantha coccinea
Douglas Fir**
P. fortuneana
Firethorn (Scarlet)
P. koidzumii
Firethorn
Pyrus spp.
Bradford Pear spp.
Quercus Shumardii
Oak, Shumard's Red
Quercus spp.
Oak species
Raphiolepis indica
Indian Hawthorne
Raphiolepis umbellata
Yedda Hawthorne
Rhododendron
'Coral Bells,' '
Formosa,' '
(including Azalea)
PJM'
'Hino-crimson,' '

White', ' Roseum
'Delaware Valley

Creeper', ' Girard
Elegans,' 'Flame

'Wakeieibus 'White
Crimson',

Gumbo', 'George L.

Tabor'
Lady Bank's Rose
Rosa banksiae
Rosemary*
Rosmarinus officinalis
Black-Eyed Susan;
Rudbeckia spp.
Goldsturm
Santolina virens
Santolina
Saxifraga spp.
Saxifrage; Purple
Dome
Scabiosa spp.
Pincushion Flower
Sedum album
Stonecrop
Sedum cauticola
Stonecrop;
Lidakense
Sedum dasphyllum
Stonecrop
Sedum spurium
Stonecrop; Dragon's

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

**Not for use on container grown plants.

CONDITIONS OF SALE AND WARRANTY

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Central Turf & Irrigation or the Seller. All such risks shall be assumed by the Buyer. Central Turf & Irrigation warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use** subject to the inherent risks referred to above. **Central Turf & Irrigation makes no other express or implied Warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Central Turf & Irrigation or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this Product.** Central Turf & Irrigation and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Central Turf & Irrigation.

It is a violation of law in Maryland, New Jersey and New Hampshire to apply this product to turf at a rate that results in greater than 0.7 lb per 1,000 sq.ft. of readily available nitrogen or more than 0.9 lb per 1,000 sq.ft. of total nitrogen with a least 20% of which shall consist of slow release nitrogen per application. Additional restrictions apply to total nitrogen applied to turf per season. Other state and local restrictions may apply.

Virginia Applications: No more than 0.7 lb per 1,000 sq.ft. of readily available nitrogen during any given 30 day period. No more than 0.9 lb (cool season grasses) or 1.0 lb (warm season grasses) per 1,000 sq.ft. of total nitrogen with a least 20% of which shall consist of slow release nitrogen during any given 30 day period.

In the state of Florida, it is recommended that the user of this product follow the Green Industries and Golf Course Best Management Practices found at: http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/10BMP_Book_Final.pdf and <http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/glfbmp07.pdf>

If this product is being sold in a state requiring the publication of information regarding its metal content, information regarding the contents and levels of metals in this product is available at the following website: <http://www.aapfco.org/metals.html>

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, and sweep any product that lands on the driveway, sidewalk, or street back onto your lawn and garden.