

Prodiamine GROUP 3 HERBICIDE



FERTILIZER WITH Barricade 0.43% PREEMERGENCE WEED CONTROL

16-0-8 MESA OC ID# 587558

GUARANTEED ANALYSIS

Total Nitrogen (N)..... 16.0% 2.4% Ammoniacal Nitrogen 1.4% Water Insoluble Nitrogen* 9.7% Urea Nitrogen 2.5% Other Water Soluble Nitrogen* Soluble Potash (K2O)..... 8.0% Sulfur (S) 2.8% 2.8% Combined Sulfur (S)

Derived from: Ammonium Sulfate, Methylene Ureas, Urea, Muriate of Potash. Chlorine (Cl) not more than..... 7.0% *3.9% Slowly Available Nitrogen from Methylene Ureas.



SUGGESTED SPREADER SETTINGS

Table with spreader settings for various models like LebanonTurf, Andersons AccuPro, etc.

These settings were calibrated and field tested. However, age and condition of spreader, speed of operation and evenness of terrain may require slightly different settings for desired coverage.

Information regarding the contents and levels of metals in this product is available on the Internet at: http://www.regulatory-info-lebsea.com

ACTIVE INGREDIENT: Prodiamine..... 0.43% OTHER INGREDIENTS:99.57% TOTAL:100.00%

For selective preemergence control of listed grass and broadleaf weeds as listed in:

- established turfgrasses (excluding golf course putting greens) and lawns
landscape ornamentals (including established perennials & wildflower plantings)

EPA Reg. No. 961-362 EPA Est. No. 961-PA-01:961-IL-01 Superscript used is first letter of lot number.

READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT. USE ONLY ACCORDING TO LABEL INSTRUCTIONS.

Before buying this product, read the Warranty Section elsewhere on this label. If terms are not acceptable, return the unopened container to the place of purchase at once.

KEEP OUT OF REACH OF CHILDREN CAUTION

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.

Table with FIRST AID instructions for IF IN EYES, IF ON SKIN OR CLOTHING, IF INHALED, and a general note at the bottom.

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.

If material is spilled: Contain and sweep up material of spill for disposal or use per label instructions. Wash cleanup equipment to prevent contamination elsewhere.

NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants not listed on this label and may adversely impact the forage and habitat of non-target organisms.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds as listed in established turfgrasses.

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

WEED RESISTANCE MANAGEMENT

For resistance management, Lebanon ProScape Fertilizer with Barricade 0.43% Preemergence Weed Control is a Group 3 herbicide. Any weed population may contain certain or develop plants naturally resistant to Lebanon ProScape Fertilizer with Barricade 0.43% Preemergence Weed Control and other Group 3 herbicides.

To delay herbicide resistance take one or more of the following steps: Rotate the use Lebanon ProScape Fertilizer with Barricade 0.43% Preemergence Weed Control or other Group 3 herbicides within a growing season with different herbicide groups that control the same weeds.

Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied.

Contact your sales representative, pest control advisors, or local extension specialist for additional pesticide resistance management and/or integrated weed management recommendations for specific types of plants and weed biotypes.

APPLICATION DIRECTIONS

ESTABLISHED TURF

This product is a selective preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds as listed in established turfgrasses and lawns.



CRABGRASS SEED GERMINATION DATES

Approximate Date

- After May 30
After May 10
After April 20
After March 20
January 1 to March 20

USE PRECAUTIONS

The following precautions apply to the use of this product in turfgrasses and lawns: Application of this product may thin emerged annual bluegrass and newly overseeded grasses.

Application of this product to turf stressed by drought, low fertility, or pest damage may result in turf injury. Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control.

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.

MAXIMUM ANNUAL RATES

Table with columns: Turf Species, Lbs. Product/Acre, Lbs. Product/1,000 Sq. Ft., Lbs. AI/Acre

1) These are the maximum rates per calendar year by species limitations. 2) May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 121 lbs./Acre.

WEEDS CONTROLLED

Table with columns: Weed Name, Turfgrass Type, and Control Status

1 In many areas a single application of 150 to 349 lbs./Acre 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 150 to 233 lbs./Acre followed after 60 to 90 days by a second application at doses that would not exceed those given in the Maximum Annual Rate 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.

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 table below for best overseeding/reseeding results.

Table with columns: Product, AI, North, Transition, South, and Months Before Overseeding

This product may be applied for residual preemergence weed control in ornamentals. LANDSCAPE ORNAMENTALS (including Established Perennials and Wildflower Plantings)

Apply this product at 150 to 349 lbs./Acre in fall and/or spring. Use higher rates of application for longer control periods. Sequential applications are to be made so long as the total amount of product applied does not exceed the maximum annual application rate of 349 lbs./Acre.

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 0.5 inch of rainfall or irrigation.

Best weed control is obtained when this product is applied to soil free of clods, weeds, and debris such as leaves. Prior to application of this product, control existing vegetation by hand weeding, cultivation or the use of an appropriate postemergence herbicide.

Apply this product in the fall and/or spring 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 this product in the soil.

Apply this product in the fall and/or spring 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.

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 this product is uniformly applied to the soil surface.

When plants are under stress (such as heat, drought, or frost damage) some cultivars of listed plants may be sensitive to this product.

Table with 4 columns: Scientific Name, Common Name, Scientific Name, Common Name. Lists various plants and their tolerance to the product.

* Do not use on food producing trees, vines, or plants. ** Not for use on container grown plants. (continued)

For technical assistance or more information about our products visit www: LebanonTurf.com

Manufactured by: Lebanon Seaboard Corporation 1600 E. Cumberland St. • Lebanon, PA 17042 www.LebanonTurf.com

Net Weight: 50 LBS. (22.7 kg)

Scientific Name	Common Name
<i>J. horizontalis</i>	Creeping Juniper
<i>Juglans</i> sp.	Walnut*
<i>Justicia brandegeana</i>	Shrimp Plant
<i>Lagerstroemia indica</i>	Crape Myrtle
<i>Lagerstroemia indica X Fauriei</i>	Crape Myrtle; Tuscarora
<i>Lantana montevidensis</i>	Weeping Lantana
<i>Lavender</i> sp.	Lavender; Munstead
<i>Leontopodium alpinum</i>	Edelweiss
<i>Ligustrum sinense</i>	Chinese Privet; Variegata
<i>Ligustrum amurense</i>	Amur Privet
<i>L. japonicum</i>	Japanese Privet
<i>L. lucidum</i>	Glossy Privet (Waxleaf)
<i>Lilium</i> sp.	Lily; Jazz
<i>Liriope Muscari</i>	Big Blue Lily; Turf; Silver Mound; Evergreen Giant

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

<i>Pieris japonica</i>	Lily-of-the-Valley Bush
<i>Pinus brutia</i>	Calabrian Pine
<i>P. canariensis</i>	Canary Island Pine
<i>P. elliotii</i>	Slash Pine
<i>P. halepensis</i>	Aleppo Pine
<i>P. nigra</i>	Austrian Pine
<i>P. Palustris</i>	Longleaf Pine
<i>P. radiata</i>	Monterey Pine
<i>P. Thunbergiana</i>	Japanese Black Pine
<i>P. strobus</i>	Eastern White Pine
<i>P. sylvestris</i>	Scotch Pine
<i>P. taeda</i>	Loblolly Pine
<i>P. virginiana</i>	Virginia Pine
<i>Pistachio</i> sp.	Pistachio*
<i>Pittosporum rhombifolium</i>	Queensland Pittosporum
<i>P. tobira</i>	Japanese Pittosporum
<i>Podocarpus macrophyllus</i>	Japanese Yew
<i>Prunus Laurocerasus</i>	English Laurel
<i>Prunus</i> sp.	Almond, Apricot, Nectarine, Peach, Plum and Prune*

<i>Pseudotsuga Menziesii</i>	Douglas Fir**
<i>Pyracantha coccinea</i>	Firethorn (Scarlet)
<i>P. Fortuneana</i>	Firethorn (<i>P. Fortuneana</i>)
<i>P. Koidzumii</i>	Firethorn (<i>P. Koidzumii</i>)
<i>Pyrus</i> sp.	Bradford Pear sp.
<i>Quercus Shumardii</i>	Oak, Shumard's Red
<i>Quercus</i> spp.	Oak species
<i>Raphiolepis indica</i>	Indian Hawthorne
<i>Raphiolepis umbellata</i>	Yedda Hawthorn
<i>Rhododendron</i>	'Coral Bells'
<i>(including Azalea)</i>	'Delaware Valley White'
	'Flame Creeper'
	'Formosa'
	'Girard Crimson'
	'George L. Tabor'
	'Hino-crimson'
	'PJM'
	'Roseum Elegans'
	'Wakeiebisu'
	'White Gumbo'
<i>Rosa Banksiae</i>	Lady Bank's Rose

Scientific Name	Common Name
<i>Rosmarinus officinalis</i>	Rosemary*
<i>Rudbeckia</i> sp.	Black-Eyed Susan; Goldsturm
<i>Santolina virens</i>	Santolina
<i>Saxifraga</i> sp.	Saxifrage; Purple Dome
<i>Scabiosa</i> sp.	Pincushion Flower
<i>Sedum album</i>	Stoncrop (<i>Thaliatrum dipterocarpum</i>)
<i>Sedum cauticola</i>	Stoncrop; Lidakense
<i>Sedum dasyphyllum</i>	Stoncrop
<i>Sedum spurium</i>	Stoncrop; Dragon's Blood
<i>Spiraea Bumalda</i>	Spirea; Anthony Waterer
<i>Syzygium paniculatum</i>	Australian Brush cherry
<i>Taxus cuspidata</i>	Japanese Yew
<i>T. media</i>	Yew
<i>Teucrium</i> sp.	Germander
<i>Thalictrum dipterocarpum</i>	Meadow Rue
<i>Thuja occidentalis</i>	American Arborvitae
<i>Trachelospermum asiaticum</i>	Star Jasmine
<i>Tsuga canadensis</i>	Canada Hemlock
<i>Tulipa</i> spp.	Tulip species
<i>Veronica</i> sp.	Veronica, Speedwell; Sunny Border

<i>Viburnum japonicum</i>	Japanese Viburnum
<i>V. odoratissimum</i>	Sweet Viburnum
<i>V. plicatum</i>	Japanese Snowball
<i>V. rigidum</i>	Canary Island Viburnum
<i>V. suspensum</i>	Arrowood Viburnum
<i>V. tinus</i>	Laurustinus
<i>V. trilobum</i>	Cranberry Bush
<i>V. wrightii</i>	Leatherleaf Viburnum
<i>Vinca major</i>	Greater Periwinkle, Vinca
<i>Vinca minor</i>	Common Periwinkle, Vinca
<i>Vitis</i> sp.	Grape*
<i>Weigela florida</i>	Old Fashioned Weigela
<i>Yucca aloifolia</i>	Spanish Bayonet, Yucca
<i>Y. filamentosa</i>	Adam's Needle, Yucca

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

** Not for use on container grown plants.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store product in its original container in a cool, dry, locked place out of the reach of children and animals.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

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

WARRANTY

NOTE: To the extent consistent with applicable law, Buyer assumes all responsibility for safety and performance if this product is not used according to the directions.