## PRODIAMINE GROUP 3 HERBICIDE





Lely	6 II	Vicon (all models)	26				
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.							
*If your spreader is not listed, or if y	ou need a spreader setting,		800-233-0628, Monday				

For selective preemergence control of listed grass and broadleaf weeds in: • established turfgrasses (excluding golf course putting greens) and lawns • landscape ornamentals (including established perennials & wildflower plantings)

ACTIVE INGREDIENT:

Prodiamine	0.38%
OTHER INGREDIENTS:	99.62%
TOTAL	100.00%

EPA Reg. No. 961-365

(L) (D) 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

See back panel for First Aid and additional Precautionary Statements.

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 frequently repeated skin contact while handling the material may cause allergic reactions in some individuals.

FIRST AID						
IF IN EYES: • Hold eye open and rinse slowly and gently with water for 15-20 minutes.						
	<ul> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> </ul>					
	Call a poison control center or doctor for treatment advice.					
IF ON SKIN	Take off contaminated clothing.					
OR 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.						
<ul> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> </ul>						
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 (888) 208-1368 for emergency medical treatment information.						



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)

#### **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. 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. Excess quantities above normal application rates could result in damage to plants subject to spill. Water-in remainder, disc under, cover with layer of soil, or leave exposed to sunlight, as deemed

appropriate to the situation

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, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions. 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 (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 this product is activated by at least 0.5 inch of rainfall or irrigation, or with shallow (1-2 inches) incorporation, prior to weed seed germination and within 14 days following application. Not for use on plants being grown (1) for 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 this product through any type of irrigation system.

DO NOT apply aerially.

DO NOT apply to golf course putting greens.

#### WEED RESISTANCE MANAGEMENT

WEED RESISTANCE MANAGEMENT For resistance management, Lebanon Pro Brand Fertilizer with Prodiamine 0.38% Preemergence Weed Control and other Group 3 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance management strategies should be followed. To delay herbicide resistance take one or more of the following steps: Rotate the use of Lebanon Pro Brand Fertilizer with Prodiamine 0.38% Preemergence Weed Control or other Group 3 herbicides within a growing season with different herbicide groups that control the same weeds. Adopt an integrated weed management program for herbicide use that includes scouting and uses historical information related to herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide area by an alternative herbicide area by an alternative herbicide with a different mode of action, if available. If weed population continues to progress after treatment with this product, discontinue use of this product, and switch to another management and/or integrated weed management a

#### **APPLICATION DIRECTIONS**

Apply uniformly with suitable, calibrated application equipment.

#### **ESTABLISHED TURF**

**CRABGRASS SEED GERMINATION DATES** 

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. The maximum amount of this product to apply per year is given for each turfgrass species in the Maximum Annual Rates section of this label. Most effective weed control in turfgrasses will be obtained when this product is activated by at least 0.5 inch 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.



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.

DO NOT apply to overseeded turf within 60 days after seeding or until after the second moving, 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.

DO NOT apply to newly set sod until the following year.

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

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**

**USE PRECAUTIONS** 

Apply this product 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 suggested for use on the turfgrass 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 LEBANON PRO BRAND FERTILIZER WITH PRODIAMINE 0.38%

	PREEMERGENCE WEED CONTROL by Turfgrass Specie				
Turf Species:	Lbs. Product/Acre	Lbs./1,000 Sq. Ft.	Lbs. A.I/Acre		
Bermudagrass <sup>2)</sup> , Bahiagrass, Centipedegrass, Seashore Paspalum, St. Augustinegrass, Tall Fescue (including turf-type), Zoysia	395	8.9	1.5		
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	265	5.9	1.0		
Creeping Red Fescue	195	4.6	0.75		
Creeping Bentgrass	170	3.9	0.65		

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

<sup>2)</sup> May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 137 lbs./Acre. 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 395 lbs. of this product per calendar year.

• 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.

In the states of MD, NJ, VA and WA apply this product at no more than 8.9 lbs. of product per 1,000 sq. ft.

#### WEEDS CONTROLLED

When used in accordance with this label this product will pro	will provide control of the following weeds:								
Barnyardgrass	Crabgrass (large, smooth)	Henbit	Kochia	Purslane, Common	Speedwell, Persian				
Bluegrass, Annual ( <i>Poa annua</i> )	Crowfootgrass	Itchgrass	Lambsquarter, Common	Pusley, Florida	Sprangletop				
Carpetweed	Cupgrass, Woolly	Johnsongrass (from seed)	Lovegrass	Rescuegrass <sup>3</sup>	Surge, Prostrate				
Chickweed, Common	Foxtails, Annual	Junglerice	Panicum (Texas, Fall, Browntop)	Shepherd's Purse <sup>2</sup>	Witchgrass				
Chickweed, Mouseear (from seed)	Goosegrass <sup>1</sup>	Knotweed	Pigweed	Signalgrass, Broadleaf	Woodsorrel, Yellow (from seed)				

1) In many areas a single application of 170 to 395 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 170 to 265 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. DO NOT exceed the maximum rate for turfgrass species listed in the Maximum Annual Rate Table above.

<sup>2)</sup> Apply this product in late summer, fall or winter prior to germination

<sup>3)</sup> Suppression only.

Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rates listed for each turf species. All applications must be made prior to germination of the weed seeds.

#### 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 table below for best overseeding/reseeding results.
LEBANON PRO BRAND FERTILIZER WITH PRODIAMINE 0.38%
PREEMERGENCE WEED CONTROL Bate (Ib./A)

I PRO BRAND FERTILIZER	WITH PRODIAMINE 0.38%					
PREEMERGENCE WEED CO	ONTROL Rate (Ib./A)	Months Before Overseeding				
Product	Al	North	Transition	South		
132	.50	4	4	4		
170	.66	5	4	4		
195	.74	6	5	5		
210	.80		6	6		
265	1.00		7	7		
300	1.14			9		
342	1.30			10		
395	1.50			12		

#### Apply this product for residual preemergence weed control in ornamentals.

#### LANDSCAPE ORNAMENTALS (including Established Perennials and Wildflower Plantings)

#### **USE RATES**

Apply this product at 170 to 395 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 395 lbs./Acre.

#### APPLICATION TIMING AND INFORMATION

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, or with shallow (1 to 2 inches) mechanical incorporation, prior to weed seed germination and within 14 days following application.

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.

#### ESTABLISHED LANDSCAPE ORNAMENTALS

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.

#### NEWLY TRANSPLANTED LANDSCAPE ORNAMENTALS

Apply this product 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 budding/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 over the top of these species.

Scientific Name	Common Name	Scientific Name	Common Name	Scientific Name	Common Name	Scientific Name	Common Name	Scientific Name	Common Name
Abies spp.	Fir species**	Coreopsis sp.	Coreopsis (Calliopsis): Early	Houttuynia cordata var. variegata		Nerium oleander	Oleander	Rhododendron	'Coral Bells'
	(Balsam, Fraser, Noble, etc.)		Sunrise, Moonbeam	Hydrangea macrophylla	Bigleaf Hydrangea	Olea europaea	Olive*	(including Azalea)	'Delaware Valley White'
Abelia grandiflora	Abelia: Sherwood	Cornus florida	Flowering Dogwood	Ilex Bernyi	Holly	Ophiopogon japonicus	Mondo Grass		'Flame Creeper'
Acer palmatum	Japanese Maple	C. stolonifera	American Dogwood	Ilex cornuta	Chinese Holly	Osmanthus heterphyllus	Osmanthus (False Holly): Gulf Tide		'Formosa'
A. platanoides	Norway Maple	Cortaderia selloana	Pampas Grass	I. crenata	Japanese Holly; Helleri	Osteospermum fruticosum	Trailing African Daisy		'Girard Crimson'
Achillea sp.	Yarrow: King Edward	Cotoneaster apiculatus	Cranberry Cotoneaster	I. opaca	American Holly	Oxydendrum arboreum	Sourwood		'George L. Tabor'
Actinidia chinensis	Kiwi*	C. buxifolius	Cotoneaster	I. vomitoria	Yaupon Holly; Schillings	Paeonia suffruticosa	Tree Peony		'Hino-crimson'
Agapanthus africanus	Lily-of-the-Nile (African Lily)	C. Dammeri	Bearberry Cotoneaster	Inula ensifolia		Pennisetum setaceumi	Fountain Grass (Dwarf)		'PJM'
Agapanthus orientalis	, , , , , , , , ,	C. microphyllus	Rockspray Cotoneaster	Iris ensata	Sword-Leaved Iris; Jodlesong	Perovskia atriplicifolia	× ,		'Roseum Elegans'
Akebia quintata	Five-Leaf or Chocolate Vine	Cretaegus spp.	Hawthorne	Iris siberica	Siberian Iris; Cabernet	Persea americana	Avocado*		'Wakeiebisu'
Allium cernuum	Lady's Leek, Nodding Onion	Crocosmia sp.	Lucifer	Iris sp.	Iris species**	Photinia Fraseri	Frasier's Photinia (Redtip)		'White Gumbo'
Anemone hybrida	Japanese Anemone	Cupressus sempervirens	Italian Cypress	Jasminium nudiflorum	Winter Jasmine	Physotegia Viginiana	Dragonhead, False; Vivid	Rosa Banksiae	Lady Bank's Rose
Aquilegia sp.	Aguilegia: Red and Gold	Delosperma alba	White Trailing Ice Plant	Juniperus chinensis	Chinese Juniper; Nick's Compact,	Picea spp.	Spruce species**	Rosmarinus officinalis	Rosemary*
Arctostaphylos densiflora	Vine Hill Manzanita	Delosperma sp.	Cooperi Pink	-	Parsonii		(Colorado Blue, Norway, etc.)	Rudbeckia sp.	Black-Eyed Susan; Goldstrum
Arctotheca calendula	Cape Weed	Delphinium sp.	Larkspur: Blue Elf	J. conferta	Shore Juniper; Blue Pacific	Pieris japonica	Lily-of-the-Valley Bush	Santolina virens	Santolina
Artemesia sp.	Wormwood; Silver Mound, Castle	Dianthus deltoides	Dianthus; Maiden Pinks "Zing"	J. davurica	Parsonii	Pinus brutia	Calabrian Pine	Saxifraga sp.	Saxifrage; Purple Dome
Aster sp.	Aster: Bonny Blue, Purple Dome	D. gratianopolitanus	Cheddar Pink	J. horizontalis	Creeping Juniper	P. canariensis	Canary Island Pine	Scabiosa sp.	Pincushion Flower
Aster X Frikartii		Dodonea viscosa	Hop Bush	Juglans sp.	Walnut*	P. elliottii	Slash Pine	Sedum album	Stonecrop
Athrium Filiz-femina	Lady Fern; Fern Lady	Echinacea pupurea	Coneflower, Purple; Magnus	Justicia brandegeana	Shrimp Plant	P. halepensis	Aleppo Pine	Sedum cauticola	Stonecrop; Lidakense
Aucuba japonica	Japanese Aucuba	Elaeagnus pungens	Silverberry	Lagerstromia indica	Crape Myrtle	P. nigra	Austrian Pine	Sedum dasyphyllum	Stonecrop
Begonia sp.	Fibrous Begonia: Hardy Grandis	Euonymus Fortunei	Wintercreeper	Lagerstomia indica X Fauriei	Crape Myrtle; Tuscarora	P. palustrus	Longleaf Pine	Sedum spurium	Stonecrop; Dragon's Blood
Berberis gladwynensis	Barberry	E. japonica	Japanese Spindle Tree (Evergreen	Lantana montevidensis	Weeping Lantana	P. radiata	Monterey Pine	Spiraea Bumalda	Spirea: Anthony Waterer
B. Julianae	Wintergreen Barberry		Euonymus)	Lavender sp.	Lavender; Munstead	P. Thunbergiana	Japanese Black Pine	Syzygium paniculatum	Australian Brushcherry
B. mentorensis	Mentor Barberry	E. kiautschovica	Spreading Euonymus	Leontopodium alpinum	Edelweiss	P. strobus	Eastern White Pine	Taxus cuspidata	Japanese Yew
B. Thunbergii	Japanese Barberry	Fatsia japonica	Japanese Aralia	Ligustrum sinense	Chinese Privet; Variegata	P. syvestris	Scotch Pine	T. media	Yew
B. verruculosa	Warty Barberry	Forsythia intermedia	Border Forsythia	Ligustrum amurense	Amur Privet	P. taeda	Loblolly Pine	Teucrium sp.	Germander
Bergenia cordifolia		Forysythis suspensa	Weeping Forsythia	L. japonicum	Japanese Privet	P. virginiana	Virginia Pine	Thalictrum dipterocarpum	Meadow Rue
Boltonia asteroides	Snowbank	F. viridissima	Greenstem Forsythia	L. lucidum	Glossy Privet (Waxleaf)	Pistachio sp.	Pistachio*	Thuja occidentalis	American Arborvitae
Buddleia davidii	Butterfly-Bush (Dwarf Blue);	Gaillardia sp.	Gaillardia, Blanket Flower: "Goblin"	Lillium sp.	Lily: Jazz	Pittosporum rhombifolium	Queensland Pittosporum	Trachelospermum asiatum	Star Jasmine
	Royal Red	Gardenia jasminoides	Gardenia ,Cape-Jasmine, Radicans	Liriope Muscari	Big Blue Lily; Turf; Silver Mound;	P. tobira	Japanese Pittosporum	Tsuga canadensis	Canada Hemlock
Buxus microphylla	Japanese Boxwood	Gaura sp.			Evergreen Giant	Podocarpus macrophyllus	Japanese Yew	Tulipa spp.	Tulip species
Callistemon viminalis	Weeping Bottlebrush	Gentiana dahurica	Gentian	Liriope Muscari var. variegata	Liriope, Variegated	Prunus Laurocerasus	English Laurel	Veroniac sp.	Veronica, Speedwell; Sunny
Calluna vulgaris	Scotch Heather	Geranium cinereum	Cranesbill	Liriope spicata	Liriope, Creeping	Prunus sp.	Almond, Apricot, Nectarine,		Border
Campanula carpatica	Tussock Bellflower, (White Clips)	Gladiolus spp.	Gladiolus species**	Lobelia Cardinalis	Cardinal Flower, Indian Pink		Peach, Plum and Prune*	Viburnum japonicum	Japanese Viburnum
Campis X Tagliabuana	Trumpet Creeper, Trumpet Flower,	Gypsophila repens	Baby's Breath	Lonicera japonica	Japanese Honeysuckle	Pseudotsuga Menziesii	Douglas Fir**	V. odoratissimum	Sweet Viburnum
	Madame Galen	Hedera helix	English Ivy	L. tatarica	Tatarian Honeysuckle	Pyracantha coccinea	Firethorn (Scarlet)	V. plicatum	Japanese Snowball
Carpobrotus edulis	Hottentot Fig (Ice Plant)	Hellanthemum sp.	Sunrose	Loropetalum chinense	Burgundy	P. Fortuneana	Firethorn	V. rigidum	Canary Island Viburnum
Cassia artemisoides	Feathery Cassia	Hemerocallis sp.	Daylily: Aztec Gold, Stella De Oro,	Lythrum sp.	Loosestrife; Modern Pink	P. Koidzumii	Firethorn	V. suspensum	Arrowood Viburnum
Ceanothus rigidus	Wild Lilac		Tender Love	Magnolia sp.	Magnolia species**	Pyrus sp.	Bradford Pear sp.	V. tinus	Laurustinus
Ceratostigma plumbagonoides		Hibiscus	Rose of Sharon**	Maleophora luteola	Ice Plant	Quercus Shumardii	Oak, Shumard's Red	V. trilobium	Cranberry Bush
Chamaecyparis pisifera	False Cypress	Hibiscus sp.	Mallow: Disco Belle White	Malus sp.	Crabapple*	Quercus spp.	Oak species	V. wrightii	Leatherleaf Viburnum
Chrysanthemum nipponicum		Hibiscus Rosa-sinensis	Chinese Hibiscus	Miscanthus sinensis	Yaku Jima, Silberfeder	Raphiolepis indica	Indian Hawthorne	Vinca major	Greater Periwinkle, Vinca
Cleyera japonica	Cleyera	Hosta plantaginea	Hosta, Plantain Lily (Fragrant)	Nandina domestica	Heavenly Bamboo	Raphiolepsis umbellata	Yedda Hawthorn	Vinca minor	Common Periwinkle, Vinca
Citrus spp.	Citrus species*	H. Sieboldiana	Hosta, "Searsucker"	Narcissus spp.	Narcissus species**			Vitis sp.	Grape*
*DO NOT use on foo	d producing trees, vines, or plants. ** N	Not for use on container grown pla	nts.	•		-		Weigela florida	Old Fashioned Weigela
	al applications of lawn fertilizer are need							Yucca aloifolia	Spanish Bayonet, Yucca
								V filamontoga	Adam's Needle Vucca

#### STORAGE AND DISPOSAL

Y. filamentosa

Adam's Needle, Yucca

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.