

ProScape[®] LEBANON

FERTILIZER
with LockUp[™] plus Dimension
Weed Control

19-0-6



MESA

PATENTED

GUARANTEED ANALYSIS

Total Nitrogen (N)	19%
2.6% Ammoniacal Nitrogen	
1.8% Water Insoluble Nitrogen*	
11.8% Urea Nitrogen	
2.8% Other Water Soluble Nitrogen*	
Soluble Potash (K₂O)	6%
Sulfur (S)	3.0%
3.0% Combined Sulfur (S)	



Derived From: Ammonium Sulfate, Methylene Ureas, Urea, Muriate of Potash.
 Chlorine (Cl) not more than 6.0%
 *4.6% Slowly available Nitrogen from Methylene Ureas.

SUGGESTED SPREADER SETTINGS

Spreader	150#/acre		175#/acre		Spreader	150#/acre		175#/acre	
	3.5#/1,000 sq. ft.		4#/1,000 sq. ft.			3.5#/1,000 sq. ft.		4#/1,000 sq. ft.	
LebanonTurf	4½	4¾	4¾	4¾	Lesco (letter/Numeric)	1/17	J21		
Andersons AccuPro	K	M	M	M	PennMulch HVO	K	M		
Earthway Rotary	14	16	16	16	ProScape SS	K	M		
Gandy	26	28	28	28	Spyker	4½	4¾		
Lely	5 II	6 II	6 II	6 II	Vicon (all models)	24	28		

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.

For postemergence control of listed annual and perennial broadleaf weeds, and preemergence control of listed annual grassy weeds and broadleaf weeds, on established residential lawns, golf courses, parks, sports fields, and around commercial buildings and other recreational and commercial turfgrass areas.

ACTIVE INGREDIENTS:

2,4-dichlorophenoxyacetic acid.....	1.04%
penoxsulam	0.01%
dicamba	0.08%
dithiopyr	0.17%
OTHER INGREDIENTS:	98.70%
Total	100.0%

Acid equivalent: 2,4-dichlorophenoxyacetic acid - 0.86% - 17.2 lb/ton
 dicamba - 0.08% - 1.6 lb/ton
 dithiopyr - 0.17% - 3.4 lb/ton
 penoxsulam - 0.01% - 0.2 lb/ton

2,4-D CAS. No. 94-75-7
 dicamba CAS. No. 1908-00-9
 dithiopyr CAS. No. 97886-45-8
 penoxsulam CAS. No. 219714-96-2

EPA Reg. No. 961-420

ProScape and MESA are registered trademarks of Lebanon Seaboard Corporation.
 Dimension[®] is a registered trademark of Dow AgroSciences LLC
 LockUp is a trademark of Dow AgroSciences LLC

(L) (D)
 EPA Est. 961-PA-01: 961-IL-01
 Superscript used is first letter of lot number.

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.)
See back panel for First Aid and additional Precautionary Statements.

NOTICE: Read the entire label. Use only according to label directions. Before buying this product, read the Warranty Section elsewhere on this label. If terms are not acceptable, return the unopened container at once.

In the state of New York, this product may be applied only by commercial applicators at no more than 294 lb (0.5 lb. active ingredient of dithiopyr) per acre (6.8 lb. per 1000 sq ft) per year. Use of this product in Nassau and Suffolk Counties of New York is prohibited.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wear protective eyewear, long-sleeved shirt, long pants, socks, shoes, and chemical-resistant gloves made of any waterproof material. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact while handling this material may cause allergic reaction in some individuals.

Personal Protective Equipment (PPE)

All mixers, loaders, applicators and other handlers must wear:
 Long-sleeved shirt and long pants
 Chemical-resistant gloves made of any waterproof material
 Shoes plus socks
 Protective eyewear

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.



Manufactured by:
Lebanon Seaboard Corporation
 1600 E. Cumberland St. • Lebanon, PA 17042
 Made in the U.S.A.

NET WEIGHT **40** LBS. (18.14 Kg)

FERTILIZER

with LockUp™ plus Dimension

Weed Control

19-0-6



MESA

P A T E N T E D

GUARANTEED ANALYSIS

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OTHER INGREDIENTS: 98.70%

Total 100.0%

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dicamba CAS. No. 1908-00-9
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EPA Est. 961-PA-01; 961-IL-01

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HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wear protective eyewear, long-sleeved shirt, long pants, socks, shoes, and chemical-resistant gloves made of any waterproof material. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact while handling this material may cause allergic reaction in some individuals.

Personal Protective Equipment (PPE)

All mixers, loaders, applicators and other handlers must wear:

Long-sleeved shirt and long pants

Chemical-resistant gloves made of any waterproof material

Shoes plus socks

Protective eyewear

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.



Manufactured by:

Lebanon Seaboard Corporation

1600 E. Cumberland St. • Lebanon, PA 17042

Made in the U.S.A.

NET WEIGHT 40 LBS. (18.14 KG)

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> • 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 do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • 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.
IF IN EYES:	<ul style="list-style-type: none"> • 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.
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.	

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 turf may adversely affect aquatic organisms in adjacent aquatic sites. 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 may be hazardous to aquatic organisms in water adjacent to treated areas. Do not apply when conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

This product contains 2,4-D that has properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

USE PRECAUTIONS AND RESTRICTIONS

- Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.
- Do not apply this product on dichondra, carpetgrass, St. Augustinegrass, bahiagrass, or to golf course putting greens or tees, or turfgrass containing desirable clovers.
- Do not apply this product directly to, or otherwise permit this product to come into contact with, flowers, ornamental shrubs or trees, or other desirable broadleaf plants, as serious plant injury may occur.
- Do not apply to centipedegrass during the period of winter dormancy. Apply to actively growing grass. 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*).
- Use of this product on certain varieties of fine fescue may result in undesirable turf injury. The following fine fescue varieties have been found to be sensitive to this product: 'Atlanta', 'Banner', 'Beauty', 'Bilgart', 'CF-2', 'Enjoy', 'HF-93', 'Highlight', 'Ivalo', 'Jamestown', 'Koket', 'Majenta', 'Mary', 'Pennlawn', 'Tamara', 'Tatjana', '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.
- The active ingredient in this product may leave residues in treated grass clippings which could be harmful to some plants and trees. Do not collect treated grass clippings for use as mulch around plants, vegetables or fruit trees. The applicator must notify in writing the appropriate residences/individuals of this precaution when this product is applied by a lawn service/commercial applicator.
- Some yellowing on solid (monoculture) stands of perennial ryegrass or tall fescue may occur within two weeks of application of this product. Any discoloration is transitory and will dissipate under adequate growing conditions.
- To minimize the potential for turfgrass injury, allow four weeks between applications.
- Do not water, mow or disturb treated area for 48 hours after application.
- Do not make more than two applications of this product per acre per year.
- Do not allow people or pets to enter treated area until dust has settled.
- Do not graze livestock or feed forage cut from areas treated with this product.

Note: It is not possible to evaluate all turfgrass varieties for resistance to this product. It is suggested that the user evaluate the response of turfgrass varieties not listed on this label on a limited area, at specified use rates, prior to initiating large-scale use.

Precautions for Reseeding, Overseeding, or Sprigging

- Reseeding, overseeding, or sprigging of areas treated with this product within 10 weeks after a single application of this product or within 16 weeks after split application program totaling 6.8 lb/1000 sq ft (0.5 lb active ingredient per acre) or more may inhibit the establishment of desirable turfgrasses.
- When reseeding or overseeding, follow established cultural practices for seedbed preparation, seeding, irrigation and fertilization.
- For best overseeding results, use mechanical or power seeding equipment (slit seeders) designed to provide good contact between soil and seed.

Application Directions for Turf

- This product provides preemergence control of listed broadleaf and grassy weeds, including crabgrass in established turfgrasses (including the large, smooth, and southern species) when applied prior to their germination.
- This product provides postemergence control of listed broadleaf weeds.
- This product also provides early postemergence control of crabgrass if applied prior to the 3-leaf stage of growth or first tiller. This stage of growth normally corresponds to the time when crabgrass seedlings first become visible in the established turfgrass. The practical benefit of early postemergence crabgrass control is a 2 - 4 week longer period of time (window of application) during which crabgrass control can be achieved.

This product is for use on the following established turfgrass species

This product may be used on seeded, sodded, or sprigged lawns and ornamental turfs that are well established. Initial application of this product must be made only after turfgrasses have developed a vigorous root system, a uniform stand, and have received at least two mowings following seeding, sodding or sprigging. Use of this product on turfgrasses that are not well established, or weakened by stress from weather, pests, disease, chemical, or mechanical influences, may increase the chances of turf injury.

Established Cool Season Turfgrass

Common Name

bluegrass, Kentucky
fescue, tall¹
ryegrass, perennial¹

Scientific Name

Poa pratensis
Festuca arundinaceae
Lolium perenne

Established Warm Season Turfgrass

Common Name

bermudagrass (common or hybrid)
centipedegrass²
kikuyugrass
zoysiagrass

Scientific Name

Cynodon dactylon
Eremochloa ophiuroides
Pennisetum clandestinum
Zoysia japonica

¹ A slight yellowing of turfgrass may occur within two weeks of application. Any discoloration is transient and is generally gone within four weeks of treatment under adequate growing conditions.

² Do not apply to centipedegrass during the period of winter dormancy. Apply to actively growing grass.

WHEN TO APPLY

Established Lawns: Apply when broadleaf weeds are actively growing and prior to germination or tillering of crabgrass. This product may be applied as a single application, as a split application or as a sequential application in the spring, summer or fall as described in the following use programs. Use of split applications 5 – 10 weeks apart may provide improved weed control.

Newly Seeded Areas: When establishing a new lawn of Kentucky bluegrass, perennial ryegrass and/or tall fescue, this product may be applied 2 weeks after the first sign of grass germination. For other turfgrass varieties, wait until the grass is well established (3 mowings) before applying this product.

Do not seed, overseed or sprig the treated area for 10 weeks after application

Fall Application: This product may be applied from late summer through early fall (late August through November) for preemergence control of all listed weeds that germinate in fall, including annual bluegrass (*poa annua*). When applied in the fall, a second application after 10 to 12 weeks may be necessary to control annual bluegrass (*poa annua*).

HOW TO APPLY

For optimum broadleaf weed control, apply to recently mowed turf when foliage is moist. When possible, delay mowing or irrigation for several days after treatment. The dithiopyr preemergent component in this product is not effective until activated by rainfall or irrigation. Performance is improved by 1/2 inch of rainfall or sprinkler irrigation within a 30 day period. Erratic weed control may result if not activated by rainfall or irrigation.

Uniform coverage is essential for best results. Before each application, calibrate the spreader according to the equipment manufacturer's directions. Avoid streaking, skips or overlaps. Adjust the spreader so the spreader delivers the appropriate application rate as specified below.

APPLICATION RATES

Apply 152 to 174 lbs. per acre (3.5 to 4.0 lbs. per 1,000 sq. ft.) of this product to control actively growing broadleaf weeds and prevent germination of labeled annual grasses and broadleaf weeds growing in established turf. Broadleaf and grassy weed species germinate at different times. Application rates are based on the user's location, the mowing height of the turfgrass, and whether the application timing is considered to be preemergence or early postemergence. The duration of residual weed control provided by this product is directly related to application rate, but will vary somewhat depending on weather, weed pressure, turfgrass competitiveness, and the users' location within a region. The following charts show application rates and some of the common broadleaf weeds controlled. The rates vary based on region, which are described as follows:

Use "Regions" within the United States:



POSTEMERGENCE & PREEMERGENCE PROGRAMS - APPLICATION RATES

North Region

152 LB/ACRE, 3.5 LB/1,000 SQ. FT.	Penoxsulam AI/Acre 0.015	Dicamba AI/Acre 0.122	2,4-D AI/Acre 1.307	Dithiopyr AI/Acre 0.258
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This rate provides postemergent control of the following broadleaf weeds and 3 to 5 months preemergent control, as well as early postemergence control of crabgrass that has not begun to tiller, at sites with high cut turf¹ in all areas as defined above.³

South Region

174 LB/ACRE, 4.0 LB/1,000 SQ. FT.	Penoxsulam AI/Acre 0.0174	Dicamba AI/Acre 0.139	2,4-D AI/Acre 1.496	Dithiopyr AI/Acre 0.296
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Increases postemergent control and provides 4 - 6 months of preemergent control on low cut turf² where weed control has been conducted during the previous year. Also provides early postemergent control of crabgrass that has not reached the tiller stage in high cut turf¹. Applies to all areas as defined above³.

Use 2 applications, 5 to 6 weeks apart; apply to moist foliage, except in New York³.

¹ High cut turf such as home lawns and commercial sites.

² Low cut turf such as golf fairways.

³ In the state of New York, this product may be applied only by commercial applicators at no more than 294 lb (0.5 lb. active ingredient of dithiopyr) per acre (6.8 lb. per 1000 sq ft) per year. Use of this product in Nassau and Suffolk Counties of New York is prohibited.

Preemergence Weed Control

Used as directed, this product provides preemergence control and suppression of the following weeds when applied prior to their germination.

Annual Grasses	crabgrass, large	goosegrass	ryegrass, annual	Established Broadleaf Weeds	henbit	mustard	purslane, common	spurge, prostrate
barley	crabgrass, smooth	foxtail, green	ryegrass, perennial	bittercress†	knotweed, prostrate	oxalis, buttercup	rocket, London	spurge, spotted
barnyardgrass	crabgrass, Southern	foxtail, yellow	sandbur	carpetweed	lespedeza, common†	pineappleweed	shepherd's purse	woodsorrel, creeping
bluegrass, annual	crowfootgrass†	kikuyugrass†	smutgrass	chickweed†	marestail	pigweed, redroot	speedwell, corn†	woodsorrel, yellow
brome	dallisgrass	oats, wild		geranium, Carolina†	medic, black	parsely-piert†	spurge, garden	

†Suppression only

Post Emergence Weed Control

Used as directed, this product provides post emergence control of the following weeds:

Annual Grasses

Early post emergence control of crabgrass seedlings at the 5-leaf stage of growth when they first become visible in the established turf.

Established Broadleaf Weeds

bedstraw	chicory	dock	healall	lambsquarters	peppergrass	plantain, buckhorn	sheep sorrel	thistle
burdock	clover	dollarweed	ivy, ground	medic, black	pigweed	purslane	shepard's purse	
chickweed	dandelion	eclipta	knotweed	morningglory	plantain, broadleaf	ragweed	speedwell	

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.