

# Lebanon<sup>®</sup> Pro

BRAND

## FERTILIZER with Dimension<sup>®</sup> 0.15% FG Turf and Ornamental Herbicide

# 0-0-7

### GUARANTEED ANALYSIS

Soluble Potash (K<sub>2</sub>O) ..... 7%

Derived From: Muriate of Potash.

Chlorine (Cl) not more than.....6.0%



22-40401

F699

Information regarding the contents and levels of metals in this product is available on the Internet at:

<http://www.cdfa.ca.gov/egov/is/fert/>

[http://www.oda.state.or.us/dbs/heavy\\_metal/search.lasso](http://www.oda.state.or.us/dbs/heavy_metal/search.lasso)

<http://www.agr.wa.gov/PestFert/Fertilizers/ProductDatabase.aspx>

Calibration Settings at Specified Rate				
Spreader	2.9# /1,000 FT <sup>2</sup>	3.8# /1,000 FT <sup>2</sup>	5.8# /1,000 FT <sup>2</sup>	7.7# /1,000 FT <sup>2</sup>
LebanonTurf	4½	4¾	5½	6½
Andersons AccuPro	K	M	P	S
Earthway Rotary	15	16	20	24
Gandy	26	28	32	36
Lely	5 II	6 II	7 II	8 II
Lesco (letter/Numeric)	i/17	J/21	L/24	N/28
PennMulch HVO	L	N	P	S
ProScape SS	L	N	P	S
Spyker	4½	4¾	5½	6½
Vicon (all models)	24	26	31	34

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 season-long control of crabgrass and control or suppression of listed annual grasses and broadleaf weeds in ornamental landscape areas, established lawns and ornamental turf, including golf course fairways, roughs and tee boxes.

#### ACTIVE INGREDIENT:

dithiopyr: 3,5- pyridinedicarbathioic acid,2-(difluoromethyl)- 4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester..... 0.15%

OTHER INGREDIENTS: ..... 99.85%

TOTAL ..... 100.00%

- Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or 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.

EPA Reg. No. 62719-504-961 (L) (D)  
EPA Est. No. 961-PA-01:961-IL-01  
Superscript used is first letter of lot number.

This product contains 0.075 pound of the active ingredient dithiopyr per 50 pound bag.

Dimension<sup>®</sup> is a registered trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.

In the state of New York, this product may be applied only by commercial applicators at a minimum of 167 lb (0.25 lb active ingredient) per acre (3.8 lb per 1000 sq ft) and no more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

## KEEP OUT OF REACH OF CHILDREN CAUTION

#### 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 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.

**Hot Line Number:** 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 day or night, for emergency treatment information.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

#### Causes Eye Irritation • Harmful If Inhaled

Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact while handling this material may cause allergic reaction in some individuals.

#### 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, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

Refer to back of bag for Directions for Use including Storage and Disposal.

**Notice:** Read the entire label. Use only according to label directions. Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of Directions for Use. If terms are unacceptable, return at once unopened.

In case of emergency endangering health or the environment involving this product, call 888-208-1368.

**Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.**

#### Directions for Use

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

#### Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**Pesticide Storage:** Store this product only in its original container in a dry, cool, secured storage area.

**Pesticide Disposal:** Wastes resulting from the use of this product that cannot be used or chemically reprocessed must be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. 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.

#### Use Directions for Turf

This product provides season-long control of crabgrass and control or suppression of other listed annual grasses and broadleaf weeds in established lawns and ornamental turfs, including golf course fairways, roughs, and tee boxes. When used according to label directions, this product will not harm nearby established ornamentals identified as "Tolerant Ornamentals" elsewhere in this label.

#### Use Precautions for Turf

This product may be used on seeded, sodded, or sprigged lawns and ornamental turfs that are well-established. Initial application of this product should 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. Sweep any product that lands on the driveway, sidewalk, or street back onto lawn and garden.

• Florida Applications: Do not exceed 6 applications per year on bermudagrass in the south Do not apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application or more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.

DITHIOPYR GROUP 3 HERBICIDE

Apply this product only to turfgrass species listed on this label. The following turfgrass species are tolerant to this product when applied as directed:

Cool-Season Grasses		Warm-Season Grasses	
bentgrass, creeping †	Agrostis palustris	bahiagrass	Paspalum notatum
bluegrass, Kentucky	Poa pratensis	bermudagrass	Cynodon dactylon
fescue, fine ††	Festuca rubra	buffalograss †††	Buchloe dactyloides
fescue, tall	Festuca arundinacea	carpetgrass	Axonopus affinis
ryegrass, perennial	Lolium perenne	centipedegrass	Eremochloa ophiuroides
		kikuyugrass	Pennisetum clandestinum
		St. Augustinegrass	Stenolaphrum secundatum
		zoysiagrass	Zoysia japonica

† 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 'wWaldina'. 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

**Note:** It is not possible to evaluate all turfgrass varieties for tolerance 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 a split application program totaling 7.7 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.

#### Precautions for Control of Crabgrass

Early postemergence weed control with this product is limited to crabgrass. Postemergence application effectively controls crabgrass, but only if application is made prior to the 3-leaf stage of growth or first tiller. For best results, cultural practices that disturb the soil, such as core-, spike-, or hydro-aerification, and verticutting, should be done before application of this product. Do not apply this product until turfgrass has recovered from the mechanical injury caused by these cultural practices.

#### Use Restrictions

- Do not use clippings from treated turf for mulching around vegetables or fruit trees.
- 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.

#### Application Directions for Turf

Apply this product with equipment that provides a uniform particle distribution. Calibrate application equipment prior to usage. Avoid streaking, skips, or excess overlaps during application.

#### Preemergence Application Rates, Frequency and Timing

For preemergence grass and broadleaf weed control, apply this product as single or sequential application at 167 to 333 pounds (0.25 to 0.5 lb active ingredient) per acre. Applicators may choose to make a single application or sequential applications at 167 to 333 pounds per acre at 5 to 10 week intervals based on one or more of the factors listed below

- Length of residual weed control desired
- Height of turf (lower cut turf may require higher use rates)
- History and success of weed control at the application site (use higher listed application rates if herbicide treatment history is unknown or weed control was poor with previous applications)
- Exposure to high temperatures and heavy rainfall or irrigation (this will shorten the residual preemergence performance)
- On turf sites adjacent to hard surfaces including driveways, sidewalks and parking lots where residual activity may be reduced
- Some target weed species (such as but not limited to *Poa annua*, goosegrass and sandbur) will require higher use rates

#### Tips for Improved Weed Control

- For best results, apply this product within 2 to 3 days after mowing and delay mowing again for 2 to 3 days after the application.
- The turf herbicide and fertilizer components in this product are not effective until activated by rainfall or irrigation. Performance is improved if application is followed by 1/2 inch of rainfall or sprinkler irrigation. Erratic weed control may result if not activated by rainfall or irrigation within 30 days after application.

#### Maximum Use Rates (Applies to all Turfgrass Uses)

- Do not apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application.
- Do not apply more than 6 times per year and do not apply more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.
- To minimize the potential for turfgrass injury, do not make applications within five weeks of the previous application.
- In the state of New York, this product may be applied only by commercial applicators at no more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

#### Control of Crabgrass

##### Preemergence and Early Postemergence Applications from Late Winter through Summer

- This product provides "preemergence" control of crabgrass in established turfgrasses (including the large, smooth, and southern species) when applied prior to germination and emergence of crabgrass at use rates from 167 to 333 pounds of product (0.25 to 0.5 lb ai) per acre.
- This product also provides "early postemergence" control of crabgrass if applied in late spring or early summer prior to the 3-leaf stage of growth or first tiller as described below. This stage of growth generally 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.

#### Fall Applications.

This product can also be applied in the late summer through early fall (late August through November) at use rates from 167 to 333 pounds per acre to provide control of crabgrass through the early part of the next spring. Fall application of this product may be followed by an appropriately timed application in the following spring for season-long control of crabgrass.

#### Weeds Controlled or Suppressed Spring Applications

When applied preemergence (prior to germination) for control of crabgrass in the spring, this product will also control or suppress the following weeds.

Grasses	Broadleaf Weeds		
barley	Hordeum spp.	bittercress †	Cardamine spp.
barnyardgrass	Echinochloa crus-galli	carpetweed	Mollugo verticillata
bluegrass, annual	Poa annua	chickweed †	Stellaria spp.
brome	Bromus spp.	geranium, Carolina †	Geranium carolinianum
crabgrass, large	Digitaria sanguinalis	henbit	Lamium spp.
crabgrass, smooth	Digitaria ischaemum	knotted, prostrate	Polygonum aviculare
crabgrass, Southern	Digitaria ciliaris	lespedeza, common †	Lespedeza striata
crowfootgrass †	Dactyloctenium aegyptium	marehail	Conyza canadensis
dallisgrass (seedling)	Paspalum dilatatum	medic, black	Medicago lupulina
goosegrass	Eleusine indica	mustard	Brassica spp.
foxtail, green	Setaria indica	oxalis, buttercup	Oxalis pes-caprae
foxtail, yellow	Setaria faberi	pineappleweed †	Matricaria matricarioides
kikuyugrass †	Pennisetum clandestinum	pigweed, redroot	Amaranthus retroflexus
oats, wild	Avena fatua	parsley-piert †	Alchemilla arvensis
ryegrass (annual & perennial)	Lolium spp.	purslane, common	Portulaca oleracea
sandbur	Cenchrus spp.	rocket, London	Sisymbrium irio
smutgrass	Sporobolus indicus	shepherdspurse	Capsella bursa-pastoris
		speedwell, corn †	Veronica arvensis
		spurge, garden	Euphorbia hirta
		spurge, prostrate	Euphorbia humistrata
		spurge, spotted	Euphorbia maculata
		woodsorrel, creeping	Oxalis corniculata
		woodsorrel, yellow	Oxalis stricta

†Suppression only

#### Fall Applications

When applied preemergence (prior to germination) in late summer through early fall (late August through November) this product will control or suppress the following weeds in addition to providing preemergence control of crabgrass in the following spring.

bluegrass, annual	Poa annua
bittercress	Cardamine spp.
chickweed	Stellaria spp.
henbit	Lamium spp.
geranium, Carolina	Geranium carolinianum
parsley-piert	Alchemilla arvensis
pineappleweed	Matricaria matricarioides
shepherdspurse	Capsella bursa-pastoris

#### Weed Resistance Management

This product, which contains the active ingredient dithiopyr is a Group 3 herbicide based on the mode of action classification system of the Weed Science Society of America. Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is a best practice. A diversified weed management program may include the use of multiple herbicides with different modes of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices. Research has demonstrated that using the labeled rate and directions for use is important to delay the selection for resistance.

The continued effectiveness of this product depends on the successful implementation of a weed resistance management program.

Distributed by:

**Lebanon Seaboard Corporation**  
1600 E. Cumberland St. • Lebanon, PA 17042

# Net Weight 50 LBS. (22.7 kg)

