

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

8060-159

DATE OF ISSUANCE

NOV 28 1995

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

TERM OF ISSUANCE

Conditional, Expires: December 31, 1997

NAME OF PESTICIDE PRODUCT

Polygon<sup>®</sup> Full Fertilizer Plus  
Dimension<sup>®</sup> 110 Crabgrass Preventer

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Pursell Industries, Inc.  
P.O. Box 346  
Lyndhurst, AL 35130

**NOTE:** Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(C) provided that you:

1. Add the phrase "EPA Registration No. 8060-159" to the label before you release the product for shipment.
2. Delete the claim that reads: "is a premium quality combination product that", in the first sentence under "General Information".
3. Submit five (5) copies of the final printed labeling before you release the product for shipment;

and provided that Korm and Mass Company, the manufacturer of the active ingredient of this product, submits all the required data to continue the registration of diflufenican as listed in the EPA Fact Sheet No. 223.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 3(c). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

**BEST AVAILABLE COPY**

ENCLOSURE

Joanne I. Miller  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (7506)

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Joanne I. Miller

DATE

NOV 28 1995

# PURSELL Polyon® Turf Fertilizer Plus

## DIMENSION® 110 CRABGRASS PREVENTER

A Selective Herbicide Plus Fertilizer Combination Product that Provides Control of Crabgrass and Other Weeds (as listed) in Established Lawns and Ornamental Turfgrasses. Premium Granular Fertilizer that Feeds Your Lawn - Providing The Nutrients Needed for a Beautiful, Green and Healthy Lawn.  
 Contains Dimension® Turf Herbicide - An Effective Herbicide for Crabgrass Control.  
**NON-STAINING**  
 Can Be Applied Up to 4 Weeks Longer Than Other Crabgrass Preventers and Controls Crabgrass All Season Long.

### KEEP OUT OF REACH OF CHILDREN CAUTION

**FIRST AID: IF IN EYES** - Immediately flush eyes with plenty of water. Get medical attention if irritation persists. **IF INHALED** - Remove individual to fresh air. Seek medical attention if breathing difficulty develops.

#### DIRECTIONS FOR USE

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

#### ACTIVE INGREDIENT:

Dithiopyr, 3,5-pyridinedicarbothioic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester - 0.11%  
 99.89%

**INERT INGREDIENTS:** - TOTAL 100.00%

Product protected by U.S. Patent No. 4,692,184. Other patents pending.

Dimension® is a Reg. Trademark of Rohm & Haas Company

Read the entire label before using this product. Use only according to label instructions.

#### 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 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 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.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. This product is not for use in the State of New York.

The Contents of this 13 lb. Bag will Treat up to 5,000 Sq.Ft. of Turfgrass.

### STORAGE AND DISPOSAL

**STORAGE:** Store this product only in its original container in a dry, cool, secured storage area. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. **PRODUCT DISPOSAL:** Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures. **EMPTY CONTAINER DISPOSAL:** Do not reuse bag. Completely empty bag into application equipment. Dispose of emptied bag(s) in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. **SPILL:** In case of spill, sweep up material and dispose of material according to "product disposal" directions listed above.

#### CONDITIONS OF SALE AND WARRANTY

Pursell Industries, Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Pursell Industries, Inc. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of Pursell Industries, Inc. and Seller. Risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property or failure to follow label directions will be assumed by the Buyer or User. IN NO CASE WILL Pursell Industries, Inc. OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT. (dimr011b.pm5/10-13-95)

### Guaranteed Fertilizer Analysis: 20-5-10

Total Nitrogen (N)	XX
Water-insoluble Nitrogen XX%	
Ammoniacal Nitrogen XX%	
Urea Nitrogen*** XX%	
Available Phosphate Acid (P2O5)	XX%
Soluble Potash (K2O)	XX%

Magnesium (Mg) XX%; Iron (Fe) XX%; Manganese (Mn) XX% Nutrient Sources: Sulfur Coated Urea, Urea, Methylene Urea, Ammonium Phosphate, Ammonium Sulfate, Diammonium Phosphate, Sulfate of Potash, Ferrous Sulphate, Manganese Oxide, Magnesium Oxide, Dolomite, Chlorine (x%), not more than XX% \*\*\* XX% Slowly Available Urea Nitrogen from Sulfur Coated Urea.

### General Information

This product is a premium quality combination product that provides both weed control and the required nutrients for optimum turf grass growth all in a single product. This product contains Dimension® herbicide, a selective herbicide that can be applied up to 4 weeks longer than other crabgrass preventers and provide up to 4 months control of crabgrass and other grass and broadleaf weeds prior to their establishment in lawns and ornamental turfgrasses. Use on lawns and ornamental turfgrasses that are well established (See "Use on the following Turfgrasses", section for a list of the tolerant turfgrasses). This product will not harm nearby established ornamentals when used according to label.

### Use Precautions

This product should only be applied to lawns and ornamental turfgrasses that are well established. Use of this product on lawns and ornamental turfgrasses that are not well established may result in damage to these areas.

### Length of Weed Control

This product will provide up to 4 months of weed control if applied according to label directions. The actual length of control will vary depending on use rate, weather conditions, condition of the turfgrass, intensity of weed pressure, and the location or "Region" within the United States that this product is being applied. Please check the map below to determine which "Region" of the U.S. that applies to your particular use area.

#### North-South Use Regions in the United States



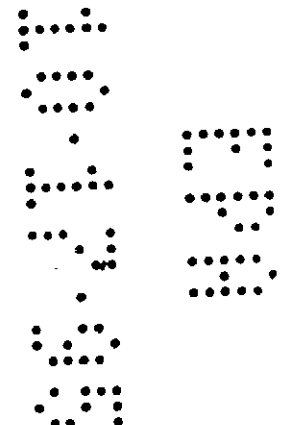
Reseeding, Overseeding, or Sprigging of turfgrasses into areas that have been previously

**BEST AVAILABLE COPY**

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
NOV 28 1995

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

8660-159



terminated 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 above 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.

*Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. This product is not for use in the State of New York.*

The Contents of this 13 lb. Bag will Treat up to 5,000 Sq.Ft. of Turfgrass.

**CONDITIONS OF SALE AND WARRANTY**

Pursell Industries, Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Pursell Industries, Inc. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of Pursell Industries, Inc. and Seller. Risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property or failure to follow label directions will be assumed by the Buyer or User. IN NO CASE WILL PURSELL INDUSTRIES, INC. OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT. (dlm011b.p55:10-13-85)

3/3

**Guaranteed Fertilizer Analysis: 20-5-10**

Total Nitrogen (N)	XX
Water-insoluble Nitrogen XX%	
Ammoniacal Nitrogen XX%	
Urea Nitrogen *** 10%	
Available Phosphate Acid (P2O5)	XX%
Soluble Potash (K2O)	XX%

Magnesium (Mg) 10%; Iron (Fe) 10%; Manganese (Mn) 10% Nutrient Sources: Sulfur Coated Urea, Urea, Methylene Urea, Ammonium Phosphate, Ammonium Sulfate, Diammonium Phosphate, Sulfate of Potash, Ferrous Sulphate, Manganese Oxide, Magnesium Oxide, Dolomite. Chlorine (Cl), not more than 10%. \*\*\* 10% Slowly Available Urea Nitrogen from Sulfur Coated Urea.

**General Information**

This product is a premium quality combination product that provides both weed control and the required nutrients for optimum turf grass growth all in a single product. This product contains Dimension® herbicide, a selective herbicide that can be applied up to 4 weeks longer than other crabgrass preventers and provide up to 4 months control of crabgrass and other grass and broadleaf weeds prior to their establishment in lawns and ornamental turfgrasses.

Apply to lawns and ornamental turfgrasses that are well established (See "Use on the following Turfgrasses", section for a list of the tolerant turfgrasses). This product will not harm nearby established ornamentals when used according to label.

**Use Precautions**

This product should only be applied to lawns and ornamental turfgrasses that are well established. Use of this product on lawns and ornamental turfgrasses that are not well established, or have been weakened by stress due to mechanical operations, pests, excessive temperatures, or lack of moisture may increase the chances for turfgrass injury.

**How To Apply - Application Equipment and Instructions**

This product can be applied with a drop or rotary type spreader designed to apply granular fertilizers.

For best results, apply the product evenly and uniformly over the turfgrass area avoiding streaking, skips or overlaps. Avoid the use of spreaders that would apply this product in narrow rows or concentrated bands. Before each application, calibrate the spreader according to the equipment manufacturer's directions. Adjust the spreader settings such that the spreader delivers the appropriate application rates of this product as recommended below. A more uniform application can be made by spreading one-half of the recommended amount of this product over the turfgrass area and then applying the remaining one-half of this product at a right angle to the previous application direction. \*See 1/2 rate Spreader Settings. Check application equipment frequently to insure equipment is functioning properly and applying a uniform distribution of product.

**Recommended Use Rate For This 13 Pound Bag**

**Length of Weed Control**

Region of U.S.	2-3- Months Control	3-4- Months Control
North	1 Bag to treat 5,000 sq.ft.	1 Bag to treat 3,500 sq.ft.
South	1 Bag to treat 3,500 sq.ft.	1 Bag to treat 2,500 sq.ft.

**Spreader Settings For the Above Applications**

Spreader	5,000 SQ.FT.		3,500 SQ.FT.		2,500 SQ.FT.	
	1/2 rate	full rate	1/2 rate	full rate	1/2 rate	full rate
EV-N SPRED Rotary(2500)	XX	XX	XX	XX	XX	XX
Ortho Drop (5000)	XX	XX	XX	XX	XX	XX
Ortho Rotary (6000)	XX	XX	XX	XX	XX	XX
Precision Rotary	XX	XX	XX	XX	XX	XX
Republic EZ Drop	XX	XX	XX	XX	XX	XX
Republic EZ Grow	XX	XX	XX	XX	XX	XX
Republic EZ Rotary	XX	XX	XX	XX	XX	XX
Quaker Rotary	XX	XX	XX	XX	XX	XX
Scotts Drop (PF3)	XX	XX	XX	XX	XX	XX
Scotts Easy Green	XX	XX	XX	XX	XX	XX
Scotts Speedy Green	XX	XX	XX	XX	XX	XX
True Temper Rotary	XX	XX	XX	XX	XX	XX

**When To Apply - Application Timings**

This product may be applied either in the spring or in the fall for the control of weeds when this product is applied in the fall, a sequential or second application should be made following spring to provide season-long control of weeds. If this product is applied in the fall, DO NOT reseed, overseed or sprig turfgrasses within 18 weeks after application of this product due to potential turfgrass injury to the newly reseeded, overseeded or sprigged turfgrasses.

**Length of Weed Control**

This product will provide up to 4 months of weed control if applied according to label directions. The actual length of control will vary depending on use rate, weather conditions, condition of the turfgrass, intensity of weed pressure, and the location or "Region" within the United States that this product is being applied. Please check the map below to determine which "Region" of the U.S. that applies to your particular use area.

**North-South Use Regions in the United States**



Reseeding, Overseeding, or Sprigging of turfgrasses into areas that have been previously treated with this product should be delayed until 18 weeks after application. Reseeding, overseeding, or sprigging within 18 weeks or earlier after application may inhibit the establishment of the newly reseeded, overseeded or sprigged turfgrasses. DO NOT apply more than 10.4 pounds of this product per 1,000 square feet of turfgrass area during the year. DO NOT apply to flowers, vegetables, or fruit trees. DO NOT use clippings from treated turf for mulching around flowers, vegetables or fruit trees. DO NOT apply this product to pastures. Keep people and pets off treated areas until dust has settled.

**Weeds Controlled/Suppressed**

This product will provide control of crabgrass and other grass and broadleaf weeds when applied prior to their establishment in established lawns and ornamental turfgrasses.

Grass Weeds	Broadleaf Weeds
Annual Bluegrass	Bittercress
Annual Ryegrass	Buttercup Ox-eye
Barnyardgrass	Chickweed
Crabgrass	Common Lespedeza
Crowfootgrass	Common Purslane
	Corn Speedwell
Goosegrass	Creeping Oxalis
Green Foxtail	Henbit
Kikuyugrass (seedling)	Parley-plant
Perennial Ryegrass	Pineappleweed
Smutgrass (seedling)	Prostrate Spurge
Yellow Foxtail	Spotted Spurge
	Yellow Woodsrue

**Use on the following Turfgrasses**

This product can be applied to the following turfgrasses when applied as directed

Cool-Season Turfgrasses	Warm Season Turfgrasses
Creeping Bentgrass	Bahia grass
Fine Fescues	Bermudagrass
Kentucky Bluegrass	Buffalograss
Perennial Ryegrass	Carpetgrass
Tall Fescues	Centipede grass
	St. Augustine grass
	Zoysiagrass

This product should be applied in the spring or fall prior to the establishment of weeds in established lawns and ornamental turfgrasses.

It can be applied up to 4 weeks longer than other crabgrass preventers and still provide season-long weed control. This is due to the Dimension® herbicide component of this combination product. It also provides both preventative (preemergence) control of crabgrass and other weeds when applied prior to their germination, and it also provides postemergence control of crabgrass. The postemergence control provided by this product is limited to crabgrass only and will provide control of crabgrass when applied up to 4 weeks after crabgrass germination. Application of this product later than 4 weeks after crabgrass germination will result in reduced control of crabgrass.

For control of other grass and broadleaf weeds, this product must be applied as a preventative treatment before their germination. Only crabgrass can be controlled with delayed applications after germination.

**Tips for Improved Weed Control:** For best results, apply this product within a few days after mowing and delay further mowings after the application until the lawn or ornamental turfgrass has been watered or received significant rainfall to dissolve the fertilizer granules. Improved weed control may be observed when treated lawn or ornamental turfgrass is watered or receives rainfall within a few days after application of this product.

EPA Reg. No. 8660- EPA Est. No. 8660-AL-1  
Net Weight 13 Pounds

**PURSELL**  
INCORPORATED 1964