

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

EPA REGISTRATION NO.

8660-160

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® Turf Fertilizer Plus  
Dimension® 140 Crabgrass Preventer

PM23  
8660-160  
1 of 3

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Pursell Industries, Inc.  
P.O. BOX 540  
Sylacauga, AL 35150

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. 8660-160" 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 Rohm and Hass Company, the manufacturer of the active ingredient of this product, submits all the required data to continue the registration of dithiopyr 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 6(e). 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 (7505C)

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

*Joanne I. Miller*

DATE

NOV 28 1995

# PURSELL. Polyon® Turf Fertilizer Plus DIMENSION® 140 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.

### 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.** (dimn014b.pm509-21-95)

**ACTIVE INGREDIENT:**  
Dithiopyr, 3,5-pyridinedicarbthioic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester - 0.14%

**INERT INGREDIENTS:** - 99.86%

**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. The Contents of this 10.2 lb. Bag will Treat up to 5,000 Sq.Ft. of Turfgrass.

### 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**  
Product is toxic to fish and highly toxic to other aquatic organisms including oysters and snails. 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.

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.

### Guaranteed Fertilizer Analysis: 30-5-5

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 "Can be used on existing 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 light 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 10.2 pound Bag

Region of U.S.	Length of Weed Control	
	2-3- Months Control	3-4- Months Control
North	1 Bag to treat 6,000 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	Spreader Settings For the Above Applications					
	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(2600)	XX	XX	XX	XX	XX	XX
Ortho Drop (5000)	XX	XX	YY	YY	VV	VV

### 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 16 weeks after application. Reseeding, overseeding, or sprigging within 16 weeks or earlier after application may inhibit the establishment of the newly reseeded, overseeded or sprigged turfgrasses. DO NOT apply more than 8.2 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	Goosegrass	Bittercress	Creeping Charlie
Annual Ryegrass	Green Foxtail	Buttercup Oxalis	Henbit
Barnyardgrass	Kikuyugrass (seedling)	Carolina Geranium	Parsley-plant
Crabgrass	Perennial Ryegrass	Chickweed	Pineappleweed
Crowfootgrass	Smutgrass (seedling)	Common Lespedeza	Prostrate Spurge
	Yellow Foxtail	Common Purslane	Spotted Spurge
		Corn Speedwell	Yellow Woodsorrel

### 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	Bahiagrass
Fine Fescues	Bermudagrass
Kentucky Bluegrass	Buffalograss
Perennial Ryegrass	Carpetgrass
Tall Fescues	Centipedegrass
	St. Augustinegrass
	Zoysiagrass

This product should be applied in the spring or fall prior to the establishment of weeds in

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# 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 light 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 10.2 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(2600)	XX	XX	XX	XX	XX	XX
Orho Drop (5000)	XX	XX	XX	XX	XX	XX
Orho Rotary (5000)	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 Tempo 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 the following spring to provide season-long control of weeds. When this product is applied in the fall, DO NOT reseed, overseed or sprig turfgrasses within 16 weeks after application of this product due to potential turfgrass injury to the newly reseeded, overseeded or sprigged turfgrasses.

the establishment of the newly reseeded, overseeded or sprigged turfgrasses. DO NOT apply more than 8.2 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	Goosegrass	Bittercress	Creeping Charlie
Annual Ryegrass	Green Foxtail	Buttercup Oxalis	Henbit
Barnyardgrass	Kikuyugrass (seedling)	Carolina Geranium	Parsley-plant
Crabgrass	Perennial Ryegrass	Chickweed	Pineappleweed
Crowfootgrass	Smutgrass (seedling)	Common Lespedeza	Prostrate Spurge
	Yellow Foxtail	Common Purslane	Spotted Spurge
		Corn Speedwell	Yellow Woodsorrel

## Use on the following Turfgrasses

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

### Cool-Season Turfgrasses

Creeping Bentgrass  
Fine Fescues  
Kentucky Bluegrass  
Perennial Ryegrass  
Tall Fescues

### Warm Season Turfgrasses

Bahiagrass  
Bermudagrass  
Buffalograss  
Carpentergrass  
Centipedegrass  
St. Augustinegrass  
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 10.2 Pounds

# PURSELL

INCORPORATED 1964

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Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 8660-160

NOV 28 1965

In EPA Letter Dated

with COMMENTS

ACCEPTED