



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Registration Division (H7805C)  
 401 "M" St., S.W.  
 Washington, D.C. 20460

EPA Reg. Number:  
 8660-166

Date of Issuance:  
 DEC 31 1997

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

Term of Issuance:  
 Conditional

Name of Pesticide Product:  
 FLOWER & GARDEN WEED  
 PREVENTER PLUS  
 FERTILIZER

Under FIFRA, as amended;

Name and Address of Registrant (include ZIP Code):  
 PURSELL INDUSTRIES, INC.  
 201 West 4th Street  
 SYLACAUGA, AL 35150

Note: Changes in labeling 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 EPA registration number.

In the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.  
 Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. 8660-166."
  - b. You must incorporate the following entry restriction language into your labeling under the Directions For Use section:

ENTRY RESTRICTIONS

"Do not allow people or pets to enter the treated area until dusts have settled. If watering-in is required after the application, do not enter or allow others to

Signature of Approving Official:

Date:  
 DEC 31 1997

enter the treated areas (except those involved in the watering) until the watering-in is complete and the surface is dry."

"Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out the area during application."

- c. You must include a separate User Safety Recommendation box containing the following safety recommendations:

"Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet."

"Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing."

In addition, the preferred location for this box is at the end of the section headed "Hazards to Humans and Domestic Animals."

- d. In the Precautionary Statement section under Environmental Hazards, the first sentence of the paragraph, "This pesticide is toxic to fish," must be superseded by "This pesticide is extremely toxic to freshwater marine, and estuarine fish and aquatic invertebrates including shrimp and oyster."

- 3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

On April 30, 1996, the Agency issued a Reregistration Eligibility Decision (RED) for the active ingredient, trifluralin. This product registration relies on acute toxicology and product chemistry data from a trifluralin product which is undergoing reregistration. Depending on the outcome of the Agency's review of these data, you may be required to submit additional data and/or revise the product label to support the continued registration of this product.

A stamped copy of the label is enclosed for your records.

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division(7505C)

KEEP OUT OF REACH OF CHILDREN  
**CAUTION**

Not For Use On Lawns

STATEMENTS OF PRACTICAL TREATMENTS

**ALLOWED:** Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. **IF IN EYES:** Flush eyes with plenty of water. Get medical attention. **IF ON SKIN:** Wash with plenty of soap and water. Get medical attention. **IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes eye irritation. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling and before eating or smoking. Do not contaminate feed or foodstuffs. Do not allow persons or pets on treated areas until dusts have settled.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not apply directly to water. Drift or runoff from treatment areas may be hazardous to aquatic organisms in neighboring aquatic sites. Do not contaminate water when disposing of equipment washwaters.

Use Safely Recommendations

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.** If granules are sprinkled on cement driveways, walks, patios, or pools thoroughly sweep off or wash off immediately to prevent possible staining. **ENTRY RESTRICTIONS**

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in its original container in a cool, dry, locked place out of reach of children. **PESTICIDE DISPOSAL:** Securely wrap unused product in several layers of newspaper and discard in trash. **CONTAINER DISPOSAL:** Do not reuse container. Discard container in trash.

This product is a two way product that feeds with a quality plant food and at the same time prevents many broadleaf and grassy weeds from becoming started around flowers, roses, shrubs, trees and vegetables all season with out difficult and time consuming hand weeding. Without weeds to compete for space, plant nutrients and water, your valuable plants can grow larger, stronger and healthier. Do not apply to Ajuga, Myrtle, Pachysandra as injury may result. This product is not for use on lawns.

WEEDS CONTROLLED

<b>GRASSY WEEDS</b>		<b>BROADLEAF WEEDS</b>	
Annual Bluegrass	Cheat	Carelessweed	Kochia
Barnyardgrass (Watergrass)	Crabgrass	Carpelwood	Lambsquarter
Brachiaria (Signal Grass)	Foxtail	Chickweed	Pigweed
Bromegrass	Goosegrass (from Seed)	Florida Pusley	Puncture Vine
	Johnsongrass	Goosefoot	Purslane
	Stinkgrass	Knolwood	Russian Thistle
	Wildcane		Stinging Nettle

WHEN TO APPLY

Apply as early as possible, before weed seeds germinate, in the growing season to take advantage of the season-long weed control it provides. You may apply anytime during the growing season around established flowers, roses, shrub, trees and anytime prior to setting transplants. Do not use on flower seed, For the best results follow directions carefully.

HOW MUCH TO USE

Remove existing weeds before applying this product. Cultivate soil to prepare a smooth soil surface and apply as follows: The surface application rate to ornamental is equal to 1 ounce per 10 sq.ft. (1 lb./160 sq.ft.) For vegetables see that section for variable rates on different soil types. Do not apply when foliage is wet.

FOR ESTABLISHED PLANTS, ROSES, FLOWER, SHRUBS, and TREES

which are 2 to 3 feet in height sprinkle 1 lb. evenly over 160 Sq.Ft. (Equivalent to 2.0 lbs. Herbicide per acre) of surrounding soil surface. (10 Oz./100 Sq.Ft.). Do not apply to plant foliage. Best results will be obtained by lightly watering the granules into the soil surface after application. For optimum weed control and plant food uptake make a second application 4 weeks after the first application.

PRE-PLANTING APPLICATION

For Pre-planting applications apply at the rate of 1 lb./160 Sq.Ft. before transplants are set. Gently mix with soil surface. Do not use with flower seeds. Small Gladioli corms of less than 1 inch in diameter may be injured by pre-plant applications. Best results will be obtained when lightly watered in. For best weed control and plant feeding plan on a second application in 4 weeks.

FOR ROSES AND OTHER ESTABLISHED FLOWERS

Achillea, Ageratum, Arctotis, Aster, Balsam, Blackeyed Susan, Calendula, California Poppy, Calliopsis, Carnation, Centaurea, Chrysanthemum, Cosmos, Dahlia, Dimorthea, Dusty Miller, Forget-Me-Not, Four O'clock, Gaillardia, Gladiolus, (corms more than 1" in diameter), Golden Glow, Hollyhock, Ixora, Lobelia, Lupinus, Marigold, Morning Glory, Nasturtium, Nicotiana, Periwinkle, Petunia, Phlox, Pincushion Flower, Portulaca, Rudbeckia, Salvia, Scabiosa, Shasta Daisy, Snapdragon, Stocks, Snow on the Mountain, Sunflower, Sweet Alyssum, Sweet Pea, Sweet Sultan, Sweet William, Tullip, Yarrow, Zinnia.

FOR ESTABLISHED SHRUBS

Arborvitae, Azalea, Barberry, Boxwood, Camellia, Cherry Laurel, Cinquefoil, Common Lilac, Cotoneaster, Deutzia, Elaeagnus, Euonymus, Forsythia, Holly, Honey-suckle, India Hawthorn, Juniper, Mock Orange, Mountain Laurel, Pieris Japonica, Pineapple guava, Privet, Pyracantha, Rhododendron, Robira, Sakaki, Spiraea, Viburnum, Weiglea Bristol Ruby, Willow, Yew.

FOR ESTABLISHED ORNAMENTAL TREES

Almond, Apple, Bald Cypress, Balsam Fir, Black Gum, Black Locust, Canada Hemlock, Chinese Chestnut, Colorado Blue Spruce, Cottonwood, Dogwood Flowering, Douglas Fir, European White Birch, Honey Locust, Japanese Larch, London Plane Trees, Maple, Oak, Peach, Pine, Plum, Redbud, Spruce, Stone Fruits, Sycamore, Sweatgum, Tulip Tree, White Ash.

FOR ESTABLISHED ORNAMENTAL GROUND COVERS

Aaronsbeard, Algerian Ivy, Asparagus, Bellflower, Big Blue Lilyturf, Bunge, California Ivy, Ceanothus, Cotoneaster, Crown Vetch, Dwarf Coyote Brush, Dwarf Peter Pan, English Ivy, Gazania, Germander, Ice Plant, Lily of the Nile, Marigold, Mascarene Grass, Myoporium, Needlepoint Ivy, Rock Rose, Rosemary, Rose of Sharon, Rupture Wort, St. John's Wort, Sedum, Snow-in-Summer, Speedwell, Strawberry, Thrift-Sea Pink, Tickseed, Trailing African Daisy, Verbena, Wlro Plant, Woolly Yarrow.

FOR VEGETABLES

Apply and mix into the soil before planting to provide long lasting control of many annual grasses and broadleaf weeds and to give plants a basic starter plant food. Controls Weeds as they germinate. Will not control established weeds. Application may be made as much as 10 weeks prior to planting direct seeded vegetables and anytime prior to setting transplants. Remove all existing weeds first then lightly till the soil to prepare a smooth seed bed.

Rate of application depends on type of soil

1. HEAVY "ORGANIC" CLAY SOILS  
1 lb./320 sq.ft. (16' x 20')=(1.0 lb. A./Acre Rate).
2. MEDIUM LOAM SOILS  
1 lb./480 sq.ft. (20' x 24')=(0.67 lb. A./Acre Rate).
3. LIGHTER "MORE SANDY" SOILS  
1 lbs./640 sq.ft. (20' x 32')=(0.5 lb. A./Acre Rate).

Gently rake into the top 1 to 3 inches of soil within 24 hours after application. Do not use on soils containing more than 10% organic matter.

**For Vegetables from Seed:** Treat soil prior to planting seed - Use for Carrots, Celery, Okra, Southern Peas, Green Peas, Lima Beans, Snap Beans, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Turnip Green, Mustard Green, Col-lards, Kale. Apply to soil up to 10 weeks before planting.

**Post Emergence on Cantaloupes, Cucumbers, Watermelons** may be used after plants are up in the 3 to 4 true leaf stage. Apply when foliage is dry. Asparagus (Established) - Apply in the winter or early spring after ferns are removed, but prior to spear emergence.

**Treat Soil Before Transplanting "Sets"** - For Celery, Broccoli, Brussels, Sprouts, Cabbage, Cauliflower, Peppers, Tomatoes. Make the application to the prepared soil bed and mix into the top 1 to 3 inches of soil before "sets" are placed.

**For Asparagus:** For established plants only, apply after ferns are removed but prior to spear emergence.

**For Potatoes** (Except Maine) May be applied to soil surface after planting "Seed Pieces" or before or after emergence. Use care not to damage seed pieces in cultivating nor allow treated soil to contact emerged plant foliage. In all cases mix and cultivate granules into the soil after application, using care not to damage emerged crops.

DO NOT apply this product to "Muck" soils. Do not over-dose! - Injury may occur to subsequent crops which are sensitive to Trifluralin. Do not use with crops other than those listed on this label. This product is not intended for use on lawns. Refer to other EPA registered products for that use. Do not use in enclosed areas such as greenhouses.

GUARANTEED FERTILIZER ANALYSIS

NITROGEN (N) - - - -	variable %
Urea (N)	variable %
Ammoniacal Nitrogen	variable %
PHOSPHATE (P <sub>2</sub> O <sub>5</sub> ) - - - -	variable %
SOLUBLE POTASH (K <sub>2</sub> O) - - - -	variable %
Derived from Urea, Ammoniated Phosphate, Muriate of Potash.	
Potential acidity = variable lbs. Calcium Carbonate per ton.	

NOTICE: Buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label. (86f/gwpp.pm505-07-97)

EPA REG. NO. 8660-RFA-EPA EST. NO. 8660-AL-1

NET WEIGHT 15 POUNDS

**PURSELL**  
201 West 4th Street - Sylacauga, AL 35150

Ryle & Reed

Original Stamp on back of label

4/4

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

DEC 31 1997  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
8660-166

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