

34704-832

12/4/2001

1/4



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
431 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

34704-832

Date of Issuance:

DEC 4 2001

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended):

Term of Issuance:

Conditional

Name of Pesticide Product:

PENDIMETHALIN 0.86%
FERTILIZER

Name and Address of Registrant (include ZIP Code):

PLATTE CHEMICAL Co.
419 18th Street
GREELEY, CO 80631

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.

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.

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 registration of your product under FIFRA section 4.

1. Revise the EPA Registration Number to read, "EPA Reg. No. 34704-832".
2. Submit one copy (1) of the final printed label before you release the product for shipping
3. Within 30 days, you must submit a letter from Knox fertilizer company to permit the use of their eye irritation study for 8378-45 to satisfy the requirements of PR notice 2001-2, section 2b

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.

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

Signature of Approving Official:

Date:

12-4-01

Pendimethalin 0.86% on FERTILIZER

Pre-emergence Weed Control with quality turf nutrients for Golf Courses, Sod Farms, Municipal, Federal, and Corporate Parks, Landscapes, and Cemeteries. Recommended for use by Turf Management Firms or Grounds Maintenance Personnel on Commercial, Ornamental, Recreational turf, and Residential Lawns**.

controls Crabgrass, Chickweed, Foxtail, Goosegrass, Knotweed, Oxalis, Poa Annua, Spurge and other weeds, as listed.

Fertilizer provides turf greening and extended feeding.

ACTIVE INGREDIENT:
Pendimethalin, CAS [40487-42-1] 0.86%
OTHER INGREDIENTS: 99.14%
Total 100.00%



Also for use in and around Ornamental plantings and ground covers as listed.

ACCEPTED
DEC 4 2001
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 34704-FL-1

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.)

FIRST AID

IF SWALLOWED - 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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES - Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

IF ON SKIN - Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. 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. **Keep this product container or label with you when calling a poison control center, or doctor, or when going for treatment.**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS and DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with skin, eyes, or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Wash thoroughly with soap and water after handling. May be harmful if swallowed. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not feed clippings to livestock. Do not graze treated areas.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long sleeved shirt and pants, chemical resistant gloves such as barrier laminate, butyl rubber >13 mils, polyethylene, or natural rubber >13 mils, shoes plus socks. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE as soon as possible after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent areas. Do not contaminate water when cleaning equipment or disposing of equipment wash water. In case of product spill; sweep up, and use as per label instructions or dispose of as directed.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply this product through any type of irrigation system. Keep Children and Pets out of treated areas until dust has settled or turf has dried after "watering in". Do not apply aerially.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, and nurseries and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. PPE required for early reentry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls; chemical resistant gloves such as barrier laminate, butyl rubber >13 mils, polyethylene, or natural rubber >13 mils, shoes plus socks.

Weeds Controlled

When used at recommended rates this product will prevent weed seed growth of the following grassy and broadleaf weeds and provides turf, a nitrogen feeding.

Grassy Weeds	Broadleaf Weeds
Poa Annua, Barnyardgrass, Crabgrass - (Large, Smooth) Foxtail - (Yellow, Green, Goosegrass, Fall panicum.	Common Chickweed, Cudweed, Henbit, Hop Clover, Knotweed, Oxalis, Prostrate Spurge, Yellow Woodsorrel.

To prevent goosegrass, crabgrass, foxtail, barnyard grass, fall panicum, Oxalis, Knotweed, Prostrate Spurge, apply in the spring before they sprout. To prevent Poa Annua and fall germinating chickweed, apply product to dry foliage in late summer or early fall before seeds germinate. For continued "weed-free" turf, under heavy weed pressure, a second, and third, timely annual treatment may be required.

When, Where, & How Much to use

for approved established turfgrass species as listed.

Do not apply when turfgrass is wet. When applied prior to germination of weeds this product will control weeds as here listed in established Northern and Southern turf grasses. Apply the lower rate where weeds have been sparse. Use a higher rate for turf known or expected to be under heavy weed seed germination pressure.

NORTHERN Cool Season Turfgrass

For Kentucky Bluegrass, Perennial Ryegrass, Fine Fescue, Tall Fescue, Bentgrass and Poa Annua (except putting greens and tees). Apply 2.67 to 4.67 lbs. per 1,000 sq. ft. (equiv. to 1.0 to 1.75 lbs. a.i. Pendimethalin per acre. 7-14 days before expected weed seeds germinate.

SOUTHERN Warm Season Turfgrass

For Bermudagrass (non "winter-overseeded"), St. Augustinegrass, Bahiagrass, Zoysiagrass, Centipedegrass and blends of these grasses. Apply 2.67 to 5.34 lbs. per 1,000 sq. ft. equiv. to 1.0 to 2.0 lbs. of a.i. Pendimethalin per acre prior to germination of weed seeds. Where light weed infestations are expected, the lower rates may be used. For extended weed control, a repeat application is recommended.

FOR BEST RESULTS, irrigate the treated area after application with 1/4 to 1/2 inch water, to remove the granules from the foliage and to move the product to the soil surface for an effective chemical herbicide barrier. Do not destroy the chemical herbicide barrier created at the soil surface by raking or aerifying the turf after applying this product.

**This product may be used on other types of turf grass in residential lawns and sod farms at a rate not to exceed the maximum of 5.34 lbs. of product per 1,000 sq. ft. (equivalent to 2 lbs. a.i. per acre).

PRECAUTIONS IN USING

Do not use on Bentgrass and Poa Annua putting greens and tees, or on dichondra. Where Bentgrass and Bentgrass-containing turf and Poa Annua are the desired species, a lower rate application only is recommended. On Cool Season Turfgrass avoid applications when temperatures are regularly in the 80's. This product may cause discoloration and thinning where over applications have been made if the turfgrass is under severe stress conditions (disease, drought, low temperatures - below 40° F., scalping, and excessive soil moisture).

PRECAUTIONS for Bermudagrass, Bentgrass, Poa annua

Do not apply to dormant Bermudagrass, Bentgrass or Poa Annua (turf that is not growing actively or has frost injury). May be applied to dormant Bermudagrass if it has been maintained at 1/2 inch or more high cut and is growing in medium fine textured soils such as clays and clayloams. When applied to dormant Bermudagrass, greening up may be delayed 2 to 3 weeks in the spring. The delay in this greening process may be more noticeable on low cut Bermudagrass on sandy soils. Where turf thinning or damage has occurred due to winter injury do not make an application until turf has greened up and is growing vigorously. Application to Bermudagrass overseeded with a cool season grass may injure and thin the overseeded variety. Do not apply to Bentgrass or Poa Annua after late summer.

OTHER PRECAUTIONS

For Seeding; Delay seeding 4 months and sprigging by 5 months after application. For best results, the soil surface should be worked (verticut and/or etc.) before planting, to destroy any remaining chemical residue. For newly planted areas; For newly seeded areas, wait until the turf has been mowed up to 4 times, and is growing vigorously, before application. Do not apply to the same area more than twice in one year. Remove product from sidewalks, stone, patios etc. Do not apply to cement, stone etc. If contact occurs to those areas, clothing and shoes, brush off particles as soon as possible to avoid yellow staining. If necessary, rinse with water. If metallic surfaces (golf course equipment, carts, autos, etc.) are present at the application site, do not apply this product under windy conditions (5-10 mph) due to its yellow staining potential.

EPA Reg. No. 34704- IGE EPA Est. No. 34704-FL-1
Net Weight 50 Pounds

Platte Chemical Company, Inc.
419 18th Street - Greeley, CO 80631 U.S.A.

3/4

Pendimethalin 0.86% On Fertilizer

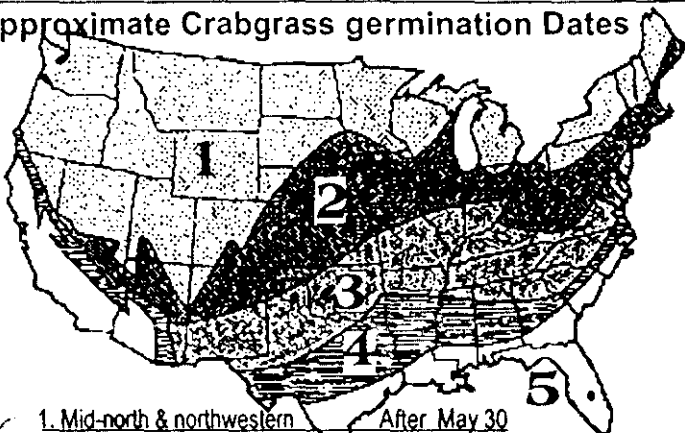
This product gives Preemergence Control of Crabgrass, Chickweed, Foxtail, Goosegrass, Knotweed, Oxalis, Poa Annua, and Spurge.

Quick Greening and Extended Feeding.

Recommended For Professional Turf Care Managers.

See section for Ornamental Plants and Ground Covers.

Approximate Crabgrass germination Dates



- 1. Mid-north & northwestern Upper/mid-states & northeast After May 30
- 2. Lower mid-states After May 10
- 3. Upper southern states After April 20
- 4. Warm season states After Mar 20
- 5. Jan 1 to Mar 20

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, or nurseries. For other areas of use, it is suggested that applicators and other handlers wear long sleeved shirt, long pants, water proof footwear, plus socks, waterproof gloves and protective eyewear. Users should wash hands before eating, drinking, using tobacco or using the toilet. Do not allow worker, children, or pet entry to treated areas until dust has settled and the area is dry after watering in.

PRECAUTIONS IN USING

Do not apply to or allow product contact with areas of cement, or stone, clothing or shoes. If contact occurs, brush off particles to prevent staining. If necessary rinse with water. Exercise caution or, do not apply under windy conditions (5-10 pmh) when metallic surfaces (automobiles, etc.) are in the area, as product wind drift may stain those surfaces.

SPREADER SETTINGS

*These spreader settings are based on the fertilizer blend which has been selected for turfgrass. To check for your spreader settings refer to your spreader manual details and apply enough product to cover 500 sq. ft. (10' x 50') based on the amount of active ingredient of this product you wish to apply per acre ranging from 1.0 lb per acre up to 2 lbs. per acre. Record and adjust your spreader settings accordingly. Do not apply this product unless your spreader is properly calibrated.

Spreader	Recommended Pounds of this Product to apply per 1,000 sq. ft. = to pounds of active ingredient per acre				
	2.67 #=1.0	3.31# = 1.24	4.00# = 1.5	4.67# = 1.75	5.34# = 2.0
Scotts Drop Gandy - 30"	XXX	XX	XX	XX	XX
Scotts Rotanes					
R-7; R-7x	X	X	X	X	X
R-8; R-8A	X	X	X	X	X
Lely Models	XX	XX	XX	XX	XX
Deere	XX	XX	XX	XX	XX

Label NOTE from Ed: x's in the above chart will be changed to actual applicable spreader settings on the product bag to correspond to the density of product related to the plant food content.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. STORAGE: Store in original labeled container, in a dry, cool area out of reach of children and pets. Partially use bags should be sealed by folding down the top and securing. PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. CONTAINER DISPOSAL: Do not reuse empty bag. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State or local authorities, by burning. If burned stay out of smoke.

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)	- - - -	variable%
Sulfate Nitrogen	variable%	
Ammoniacal Nitrogen	variable%	
Water Soluble Nitrogen (and/or Urea Nitrogen)	variable%	
Water Insoluble Nitrogen	variable%	
Available Phosphoric Acid (P ₂ O ₅)	- - - -	variable%
Soluble Potash (K ₂ O)	- - - -	variable%
Chlorine	not more than	variable%

Derived from Urea, Sulfur coated Urea, Ureaform, Sulfate of Ammonia, Ammonium Phosphate, Muriate of Potash, Sulphate-Potash-Magnesium. Potential Acidity: Equivalent to _ lbs. of Calcium Carbonate per ton.

Statement of Secondary Plant Foods

Total Magnesium as Mg - 1.20%; Iron as Fe - 1.00%; Water Soluble Magnesium Mg - 1.20%; Zinc as Zn - 0.05% Manganese as Mn - 0.50%; Boron as B 0.02% Copper as Cu - 0.02%; Molybdenum as Mo - 0.002% Derived from: Manganese Sulphate, Iron Oxide, Manganese Oxide, Copper Oxide, Zinc Oxide, Borax, Sodium Molybdate.

NOTICE

It is impossible to eliminate all risks inherently associated with the use of this product. Plant injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Platte, the manufacturer or seller. In no case shall Platte, the manufacturer or seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Except as expressly provided herein, Platte, the manufacturer or seller makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. Buyer's or user's exclusive remedy, and Platte's, the manufacturer's or seller's total liability, shall be for damages not exceeding the cost of the product.

ALTERNATE NOTICE

READ ENTIRE LABEL BEFORE USING

Read the entire Directions for Use, Conditions, Disclaimer of Warranties, and Limitation of Liability before using this product. If the terms are not acceptable, return the unopened container at once. By using this product, user and buyer accept the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However it is impossible to eliminate all risks associated with the use of this product. Injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Platte Chemical Co. Inc. All such risks shall be assumed by the user or buyer.

Disclaimer of Warranties: There are no warranties express or implied, of merchantability or of fitness for a particular purpose or otherwise, which extend beyond the statements made on this label. No agent of Platte Chemical Co. Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. Platte Chemical Co. Inc. disclaims any liability whatsoever for special, incidental, or consequential damages resulting from the use or handling of this product.

LIMITATION OF WARRANTIES: The exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price, or at Platte Chemical Co. Inc. option, the replacement of the product.

EPA Reg. No. 34704-IGR EPA Est. No. 34704-FL-1

Net Weight 50 Pounds

PLATTE CHEMICAL COMPANY, INC.
419 18th Street
Greeley, CO 80631

Pendimethalin 0.86% on FERTILIZER

For Use Around Ornamentals

In ornamentals, remove established weeds to prevent further weed seeding. Smooth the soil surfaces or mow beneath, around, and in, the planting before application. Apply 1 to 2 weeks before expected weed seeds germinate. Follow the application with 1/4 to 1/2 inch of sprinkler irrigation, or the equivalent rainfall will benefit in the same manner, to move the herbicide down to soil surface.

When moderate weed seed germination is expected.
apply 2.67 lbs. per 1,000 sq. ft. = 1 lb. a.i. per acre.

For heavy expected weed seed germination.
apply 5.34 lbs. per 1,000 sq. ft. = 2 lbs. a.i. per acre.

Apply only to established plantings.

Tolerant Ground Covers

The number of herbicides that can be used in ground covers is very limited however this product may be used for the preemergence control of the weed species as listed in and around the following established ground covers, in landscape plantings, and freeway right-of-ways.

Common Name	Scientific Name
Capweed	Arctotheca calendula
Daisy, Trailing African	Osteospermum fruticosum
Gazania	Gazania splendens
Rose-of-Sharon	Hypericum calycinum
Iceplant, Large Leaf	Carpobrotus edule
Ivy, English	Helix hedera
Ivy, Geranium	Pelargonium peltatum
Myoporum	Myoporum parviflorum
Pachysandra	Pachysandra terminalis
Potentilla spp	Potentilla Jackmanii
Potentilla spp.	Potentilla verna

WEED CONTROL IN AND AROUND THE FOLLOWING ORNAMENTAL PLANTINGS

This product is recommended for use on the following established field grown plants, trees, and established ground covers. Care must be taken to see that soil or planting mixes have settled firmly around plants and that there are no cracks that would allow the granules to directly contact the roots. Directed application of the granules to the smoothly worked soil surface or turfgrass beneath or around the plants will result in best weed control and ornamental tolerance to the herbicide. Only those ornamentals listed on this label should be planted into soil treated the previous season with this product. Injury may occur to other species. Do not apply to seedbeds.

ESTABLISHED ORNAMENTAL PLANTS

Common Name	Scientific Name	Common Name	Scientific Name
Abelia, Glossy	Abelia grandiflora var. grandiflora	Juniper, Shore	Juniperus conferta
Ash, Red	Fraxinus pennsylvanica	Juniper, Trailing	Juniperus horizontalis var. plumosa var. prince of wales var. youngstown.
Azalea	Rhododendron indicum	Laurel, Mountain	Kalmia latifolia
Barberry	Berberis thunbergii var. atropurpurea	Lilac, Common	Syringa vulgaris
Birch, Weeping	Betula pendula	Locust, Honey	Gleditsia Triacanthos var. inermis
Birch, River	Betula nigra	Maple, Red	Acer rubrum
Boxwood	Buxus sempervirens	Nandina	Nandina domestica
Capejasmine	Gardenia jasminoides var. mystery	Oak, Live	Quercus virginiana
Cedar, Northern white	Thuja occidentalis	Oak, Water	Quercus nigra
Cedar, Red	Juniperus virginiana	Peach	Prunus persica
Cotoneaster	Cotoneaster horizontalis	Photina	Photina Frazerii
Crapemyrtle, Common	Lagerstroemia indica	Pieris, Japanese	Pieris japonica
Dogwood, Flowering	Cornus florida	Pine, Austrian*	Pinus nigra
Dogwood, Silky	Cornus amomum	Pine, Loblolly	Pinus taeda
Euonymus	Euonymus alata var. compacta	Pine, White	Pinus strobus
Fir, Fraser	Abies Fraseri	Privet, California	Ligustrum ovalifolium
Fir, White	Abies concolor	Privet, Japanese	Ligustrum japonicum
Forsythia, Border	Forsythia intermedia	Sourwood	Oxydendron arboreum
Hemlock, Eastern	Tsuga canadensis	Spirea	Spirea vanhouttei
Holly, American	Ilex Opaca var. tsuga	Spruce, Colorado Blue	Picea pungens
Holly, Chinese	Ilex cornuta	Tobira	Pittosporum tobiri
Holly, Japanese	Ilex crenate compacta	Waxmyrtle, Common	Myrica cerifera
Holly, Yaupon	Ilex vomitoria var. shillings dwarf	Yew	Taxus Media
Juniper, Chinese	Juniperus chinensis var. pfitzeriana var. pfitzer aurea	Yew, Japanese	Taxus cuspidata

*Do not apply to Austrian Pine in California.

Platte Chemical Company, Inc.

419 18th Street Greeley, CO 80631 U.S.A.