



Professional Turf™ Products

22-0-6 Fertilizer with ProPendi™ Herbicide

Net Wt. 50 Lbs. (22.68 kg)
This product contains 0.075 lbs. of Pendimethalin per lb. of product.

- Preemergent control of crabgrass, goosegrass, foxtail, chickweed, oxalis, spurge, knotweed, and *Poa annua*.
- Contains NS-54™ for controlled release nitrogen feeding.

ACTIVE INGREDIENT:

Pendimethalin	0.75%
INERT INGREDIENTS	99.25%
Total	100.00%

*CAS #40487-42-1
EPA Reg. No. 9198-177
EPA Est. No. 538-OH-3, 9198-OH-18, 9198-OH-28, 9198-AL-001A
Underlined letter is first letter used in run code on bag.

Guaranteed Analysis

Total Nitrogen (N)	22.00%
22.00% Urea Nitrogen*	
Soluble Potash (K ₂ O)	6.00%
Sulfur (S)	0.87%
0.87% Free Sulfur	

Derived from polymer coated sulfur coated urea, urea and potassium chloride.
*0.80% Slowly available urea nitrogen from polymer coated sulfur coated urea
Chlorine (Cl) Max _____ 5.08%

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info.com>
Florida Applications:
We recommend that you follow the Green Industries BMP's at: http://myfloridawater.com/pdf/GIDBMP_Manual_Web_English_2015.pdf
We recommend that you follow the Golf Course BMP's at: <http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/golfbmp07.pdf>
Nitrogen Notice: For those states with nitrogen application restrictions, including but not limited to, MD, NH, NJ and VA, do not apply more than 3.83 lbs of this product per 1,000 sq.ft.
U.S. Patent No's 3,705,794; 3,989,470
*Licensed under one or more of the following U.S. Patents: 3,920,742; 4,066,441

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS
Hazard to Humans and Domestic Animals: **CAUTION.** Causes eye irritation. Avoid contact with eyes, skin or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. May be harmful if swallowed. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

FIRST AID
If **swallowed:** Call a poison control center immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
If **on skin:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If **in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 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 by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling poison control center or doctor or going for treatment. You may contact 1-800-753-8953 for emergency medical treatment information.

Personal Protective Equipment
Applicators and other handlers must wear: Long-sleeved shirt and long pants, chemical resistant gloves, made of waterproof material, such as butyl rubber *14 mils, nitrile rubber *14 mils or neoprene rubber *14 mils, shoes plus socks.
Follow manufacturer's instructions for cleaning/maintaining personal protection equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash personal protection equipment 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 immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Engineering Controls:
When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d)(4)-(6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

Environmental Hazards:
This pesticide is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes. In case of spills, either collect for use or dispose of properly.

Non-target organism advisory statement: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

Presents granules of the following grass and dicot weeds and provides a controlled-release nitrogen feeding.

Grass Weeds	Dicot Weeds
Foxtail	Chickweed
Goosegrass	Quack
Poa annua	Knotweed
Bermudagrass	Prostrate spurge
Fall panicum	Purslane
	Catweed
	Hoop clover
	Heads
	Eveningprimrose

Direction 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 protective wearers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

WEED RESISTANCE MANAGEMENT
For resistance management, this product is Group II herbicide. Any weed population may contain or develop plants naturally resistant to this product and other Group II herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:
* Rotate the use of this product with other Group II herbicides within a growing season.
* Rotate or alternate weed management programs with different herbicide groups that control the same weeds.
* Adopt an integrated weed management program for herbicide use that includes cultural and soil use, herbicide information related to herbicide use and that considers mechanical control methods, cultural (e.g., timing to favor the desirable plants, and not the weeds), biological (weed-competitive varieties) and other management practices.
* Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include:
(1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species; (4) resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or a mechanical method.
Prevent movement of resistant weed seeds to other areas by cleaning equipment.
Prevent movement of resistant weed seeds to progress after treatment with this product, discontinue use of this product and switch to another management strategy or herbicide with a different mode of action, if available.
* Contact your sales representative, pest control advisor, or local extension specialist for additional pesticide resistance management and/or integrated weed management recommendations for specific types of plants and weed biotypes.

RESTRICTIONS ON 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, nurseries, and greenhouses 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 on this label apply to use 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 24 hours.
PPE required for early entry to 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 in long-sleeved shirt and long pants, chemical resistant gloves, made of waterproof materials, such as butyl rubber *14 mils, nitrile rubber *14 mils, or neoprene rubber *14 mils, shoes plus socks.

Suggested Spreader Settings
To provide proper distribution calibrate spreader before application.
Do not adjust rates in order to meet fertilizer requirements of your soil.

Spreader	Ground Speed	Width of Coverage	LIGHT RATE 1.25 lbs. ai/acre	LOW RATE 1.50 lbs. ai/acre	MEDIUM RATE 1.75 lbs. ai/acre	HIGH RATE 2.00 lbs. ai/acre
Andersons Model 2000/ AccuPro 2000 (cone 4) Andersons 2000 SR/ SR-2000 (cone 4)	3 mph	10 feet	1.3/4	M 1/2	N 3/4	O 1/2
Andersons LCD-1000	3 mph	10 feet	1.3/4	M 1/2	N 3/4	O 1/2
Scotts R-8, R-8A (cone 4)	3 mph	10 feet	K 3/4	L 1/2	M 3/4	N 1/2
LESCO 020095 (0.25)	3 mph	7 feet	E	E 1/2	F	F 1/2
LESCO 705698 (0.25)	3 mph	7 feet	12	13	14	15
Eliy Models WTR, WFR, HR, L250 (PFO at 450 rpm) Pattern B-C	4.5 mph	34 feet	6	6 1/2	7	7 1/2
Vicon (35 Series)	4.5 mph	28 feet	29	33	36	38

NON-AGRICULTURAL USE REQUIREMENTS
The requirements in this box apply to use of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The Worker Protection Standard applies when this product is used to produce agricultural plants or farms, forests, nurseries, or greenhouses.

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried or dusts have settled.
For use on any turfgrass site (lawns, sod, turf areas) including, but not limited to: grounds or lawns around residential and commercial establishments, golf courses, parks, athletic fields, schools, cemeteries, roadsides and sod farms.

For use on established turfgrasses including bermudagrass, bermudagrass, and Poa annua (except putting greens and tees), Kentucky bluegrass, perennial ryegrass, fine fescue, tall fescue, St. Augustinegrass, bahiagrass, zoysiagrass, centipedegrass and blends of the grasses. See "Bermudagrass, Bermudagrass and Poa annua Precaution" and "Limitation of Liability" statements.

Not for use on bermudagrass, Poa annua and bermudagrass putting greens and tees, or on dichondra. Where bermudagrass, bermudagrass-containing turf and Poa annua are the desired species, a light rate application only is recommended.

How/When to Use:
For control of annual grassy and broadleaf weeds such as crabgrass, goosegrass, foxtail, bermudagrass, fall panicum, Poa annua, oxalis, knotweed, purslane, and prostrate spurge, apply in spring before they sprout.

To prevent Poa annua and fall germinating chickweed, apply product to dry foliage in late summer/early fall (before germination). Repeat application yearly for continued control. A repeat application made after Poa annua treatment should not be sooner than 4 months.

Apply product uniformly to dry foliage at the suggested rate with properly calibrated spreader. For best results, water after application (10:1) to remove granules from the foliage and to move the product to the soil surface for an effective chemical barrier. Do not destroy the chemical barrier created at the soil surface by mowing or aerifying in a segment to application. Allow at least a four month space between the applications except where repeat applications are necessary after 6-8 weeks.
Do not mow treated area until product has been watered in and turf foliage has dried.

Precautions:
Do not use on bermudagrass, Poa annua and bermudagrass putting greens and tees, or on dichondra. Where bermudagrass and bermudagrass-containing turf and Poa annua are the desired species, a light rate application only is recommended.

On cool season turfgrasses avoid applications when temperatures are regularly in the 80's.
This product may cause discoloration and thinning when overapplications have been made if the turfgrasses in under stress (disease, drought, low temperature - below 40F, scaling, and excessive soil moisture).

Do not apply to dormant bermudagrass and Poa annua (turf that is not actively growing or has experienced frost).

When any preemergence herbicide is applied to dormant bermudagrass, green-up may be delayed 2 to 3 weeks in the spring. The delay in green-up may be extensive in low cut bermudagrass and on sandy soils.

As with most other preemergence herbicides, application of this product to bermudagrass overseeded with cool season turfgrass species may injure and kill the overseeding.

Do not apply to bermudagrass or Poa annua after late summer.
Avoid application to cement, stone, clothing or shoes. If contact occurs, brush off particles to prevent staining. If necessary, rinse with water.

If residual surfaces (golf course equipment, automobile, etc.) are present at the application site, do not use this product under windy conditions (3-10 MPH) due to its staining potential.

Properties of All Dithiuron (DTN) Products
May cause temporary slowing of turf GR in and dioxin-chlorine nodding where turf has been treated. Reverses a waiting period before seedling or overseeding.

Seeding or Sprigging Intervals after Treatment
Delay seeding 3 months and sprigging by 5 months after application. Prior to planting, for best results, the soil surface should be disturbed or worked to dilute any remaining chemical residue.

TURFGRASS SPECIES WEEDS NOTES

Cool Season Grasses	Crabgrass	200-266 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 200-235 lbs./acre.
Perennial ryegrass	Poa Annua	
Fine fescue	Bermudagrass	
Fall fescue	Fall Pannicum	
	Duals	
	Prostrate Spurge	
	Purslane	
	Knotweed	
	Chickweed	

Comments:
Apply a repeat application of 167-200 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.

Goosegrass	200 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 200-235 lbs./acre.
Bermudagrass and established Poa annua (1/2 inch height or taller.) Not for use on greens and tees.	Crabgrass 200 lbs./acre in the spring prior to weed germination. Duals Prostrate Spurge Purslane Knotweed Chickweed

Comments:
Apply a repeat application of 167-200 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.

Goosegrass	200 lbs./acre in the spring prior to weed germination.
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Warm Season Grasses
Bermudagrass
St. Augustinegrass
Bahia grass
Zoysiagrass
Centipedegrass
(400 lbs./acre rate or less)
Tall fescue
(Not for use on greens and tees.)

Comments:
Apply a repeat application of 167-200 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.

Crabgrass	200-266 lbs./acre prior to weed germination.
Poa Annua	
Bermudagrass	
Fall Pannicum	
Duals	
Prostrate Spurge	
Purslane	
Knotweed	
Chickweed	

Comments:
Apply a repeat application of 167-200 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.

Crabgrass	200-266 lbs./acre in the spring prior to weed germination.
Goosegrass	200 lbs./acre in the spring prior to weed germination.

Comments:
Apply a repeat application of 167-200 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.

Crabgrass	200-266 lbs./acre in the spring prior to weed germination with a repeat application of 200-266 lbs./acre after 6-8 weeks.
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Comments:
Apply a repeat application of 167-200 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.

Crabgrass	200-266 lbs./acre in the spring prior to weed germination.
Poa Annua	
Bermudagrass	
Fall Pannicum	
Duals	
Prostrate Spurge	
Purslane	
Knotweed	
Chickweed	

Comments:
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