



# 20-3-4 Fertilizer with ProPendi™ Herbicide

## FEATURES & USE TIPS:

- Provides unsurpassed preemergent control of annual grassy weeds (crabgrass, goosegrass, foxtail, barnyardgrass, fall panicum and *Poa annua*) and broadleaf weeds (chickweed, oxalis, prostrate spurge, knotweed, purslane, cudweed, hop clover, henbit and eveningprimrose) before they sprout.
- A physical blend of polymer-coated sulfur-coated urea, urea, ammonium phosphate and potassium chloride, with particles sized to provide uniform application.
- Contains 40% NS-52 (polymer-coated sulfur coated urea) to provide added slow release characteristics, improve physical handling and reduce dust.
- A dry-applied product with active ingredient impregnated on a granular nutrient base.

## PRODUCT SPECIFICATIONS:

**N (20%):** 1.17% Ammoniacal Nitrogen  
18.83% Urea Nitrogen\*  
\*8.00% Slowly available nitrogen from Polymer Coated Sulfur Coated Urea

**P - as P<sub>2</sub>O<sub>5</sub> (3%):** Ammonium Phosphate

**K - as K<sub>2</sub>O (4%):** Potassium Chloride

**S (3.20%):** Total Sulfur

**Cl (3.40%):** Maximum Chlorine

**Active Ingredient:** Pendimethalin (0.86%)

## PRODUCT CODE:

**APT208PD5.1**

Date: 080806  
Supersedes: 100102, 042204  
Label: G5

## PRODUCT CHARACTERISTICS:

### **Product Type:**

Combination fertilizer  
and Pendimethalin  
Preemergent Herbicide

### **Nitrogen Type:**

NS-52™

### **Particle Size:**

SGN: 215

### **Net Weight:**

50 lbs.

### **Coverage:**

10,700 sq. ft. @  
Medium Rate

### **Bags / Pallet:**

45

ProPendi is a registered trademark of The Scotts Co.; Andersons Golf Products, NS-52 and Professional Turf are trademarks of The Andersons Agriservices, Inc.

*To order, contact your local  
Andersons Golf Products  
distributor.*

*For more information, contact  
Andersons at our website:  
[www.andersonsgolfproducts.com](http://www.andersonsgolfproducts.com)  
or call 1-800-225-2639.*



Net Wt. 50 Lbs. (22.68 kg)  
Covers Up To 14,900 Sq. Ft.

# 20-3-4 Fertilizer with ProPendi™ Herbicide

- Contains NS-52™ Polymer Coated Sulfur Coated Urea
- KEEP OUT OF REACH OF CHILDREN
- CAUTION**

## PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION. May be harmful if swallowed. Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

**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 or clothing: 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 flush slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the 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.

How to use the product container or label with you when calling poison control center or doctor, or going for treatment. You may also contact 1.800.765.7861 for emergency medical treatment information.  
**Personal Protective Equipment (PPE)**  
Some of the materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart. Applicators and other handlers must wear: Long-sleeved shirt and long pants, chemical resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, shoe plus socks.  
Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washable, use detergent and hot water. Keep and wear personal protective equipment separately from other laundry.

**User Safety Recommendations:**  
Wear around:  
• 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 handles 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 (g)(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 spill, other collect for use or dispose of properly.

**ACTIVE INGREDIENT:**

Fenchone	0.86%
<b>INERT INGREDIENTS:</b>	99.14%
Total	100.00%
CA# 44427-42-1	
EPA Reg. No. 9198-173	EPA Est. No. 9198-OH-1M, 9196-OH-2B, 9198-AL-001A

Undefined letter is first letter used in run code on bag.

**Guaranteed Analysis**

Total Nitrogen (N)	20.00%
1.17% Ammoniacal Nitrogen	
18.83% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	3.00%
Soluble Potash (K <sub>2</sub> O)	4.00%
Sulfur (S)	3.20%
3.23% Free Sulfur (S)	
Plant nutrients derived from polymer coated sulfur coated urea, urea, ammonium phosphate and potassium chloride.	
50.0% Slowly available nitrogen from polymer coated sulfur coated urea, urea, ammonium phosphate and potassium chloride.	
3.40% Information regarding the contents and levels of metals in this product is available on the internet at <a href="http://www.ourindustryinfo.com">http://www.ourindustryinfo.com</a>	
U.S. Patent Nos. 3,705,794; 3,989,470	
*Labeled under one or more of the following U.S. Patents: 3,920,742; 4,086,441	

Prevents sprouting of the following grassy and dicot weeds and provides a controlled release nitrogen feeding:

<b>Grassy Weeds</b> crabgrass foxtail goosegrass poa annua barnyardgrass fall panicum	<b>Dicot Weeds</b> chickweed oxalis knottedweed prostrate spurge purslane outweed heartill sweepstomeweed
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**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.

**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, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and workplace practices pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only 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: i. coveralls, chemical resistant gloves made of any waterproof material, shoe plus socks.

**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 the product is used to produce agricultural plants or larvae, forests, nurseries, or greenhouses.  
Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried or dusts have settled.

For use on established turfgrasses including bermudagrass, bermudagrass, and poa annua (except putting greens and tees), Kentucky bluegrass, perennial ryegrass, the fescues, tall fescue, St. Augustinegrass, bahiagrass, zoysiagrass, centipedegrass, and blends of the grasses. See "Turfgrasses, Bermudagrass and Poa Annua Precautions" and "Limitation of Liability" statements.  
Not for use on bentgrass, Poa annua and bermudagrass putting greens and tees, or on dachrydium. 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, barnyardgrass, fall panicum, Poa annua, oxalis, knottedweed, purslane, and 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/early fall (before germination). Repeat application every 6-8 weeks. A repeat application made after Poa annua treatment should not be sooner than 4 months.

When a lower infestation is expected, the lighter rate may be used.  
Apply product uniformly to dry foliage at the suggested rate with a properly calibrated spreader. For best results, water after application (1/4 - 1/2 inch) to remove granules from the foliage and to move the product to the soil surface for an effective chemical barrier. Do not disturb the chemical barrier created or the soil surface by tilling or aerating as a segment to application. Allow at least a 4 month lapse between the applications except when repeat applications are necessary after 6-8 weeks.

Do not mow treated area until product has been restored in and turf foliage has dried.  
**Do not use on bentgrass, Poa annua and bermudagrass putting greens and tees, or on dachrydium. Where bermudagrass, bermudagrass containing turf and Poa annua are the desired species, a light rate application only is recommended.**

TURFGRASS SPECIES	WEEDS	RATES
Cool Season Grasses Kentucky bluegrass Perennial ryegrass Fine fescue Tall fescue	crabgrass foxtail Poa annua barnyardgrass fall panicum oxalis prostrate spurge purslane knottedweed chickweed	175-233 lbs./acre as the initial application prior to weed germination

**COMMENTS:**  
Apply a repeat application of 145-175 lbs./acre after 6-8 weeks for extended control or when heavy weed infestations are expected.  
Goosegrass: 175-233 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 175-203 lbs./acre.

Bermudagrass and established Poa annua (1/2 inch height or taller. Not for use on greens and tees):  
crabgrass  
foxtail  
Poa annua  
barnyardgrass  
fall panicum  
oxalis  
prostrate spurge  
purslane  
knottedweed  
chickweed

**COMMENTS:**  
Apply a repeat application of 145-175 lbs./acre after 6-8 weeks where heavy weed infestations are expected.  
Goosegrass: 175 lbs./acre in the spring prior to weed germination with a repeat application of 175 lbs./acre after 6-8 weeks.

Warm Season Grasses  
Bermudagrass  
St. Augustinegrass  
Bahiagrass  
Zoysiagrass  
Centipedegrass  
(4/1 balance rate or less)  
Tall fescue  
(Not for use on greens and tees)

**COMMENTS:**  
Apply a repeat application of 145-175 lbs./acre after 6-8 weeks for extended control or when heavy weed infestations are expected.  
Goosegrass: 175-233 lbs./acre prior to weed germination.

**COMMENTS:**  
Apply a repeat application of 175-233 lbs./acre to extend control of goosegrass or if the lower rate was used initially.  
outweed  
hop clover  
sweepstomeweed  
heart

**COMMENTS:**  
Apply a repeat application of 145-203 lbs./acre after 6-8 weeks if the lower rate was used initially.

**Precautions:**  
Do not use on bentgrass, Poa annua and bermudagrass putting greens and tees, or on dachrydium. Where bermudagrass, 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 where overapplications have been made if the turfgrass is under severe stress conditions (disease, drought, low temperature, below 40°F, scorching, 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 thin the overseeding.  
Do not apply to bentgrass or Poa annua after late summer.  
Avoid application to ornamentals, shrubs, clover, or shoes. If contact occurs, brush off particles to prevent staining. If necessary, rinse with water.  
If metallic surfaces (golf course equipment, automobiles, etc.) are present at the application site, do not use this product under windy conditions (5-10 mph) due to its staining potential.  
Do not concentrate feed or foodstuffs. Do not feed grass treated areas. Do not lead feedstuffs to feedstock.

Properties of All Dichloromethane (DCA) Products  
May cause temporary slowing of turf fill-in and stolon rhizome rooting where turf has been treated.  
Require a waiting period before seeding or sprigging.  
**Seeding or Sprigging Intervals after Treatment:**  
Daily seeding or winter overseeding for at least 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 residues.  
**Treatment Interval after Seeding or Sprigging:**  
On newly planted areas, wait until the grass has been mowed at least 4 times and has filled in before making an application.

**Notes:**  
Do not apply more than a cumulative total of 240 lbs. of product/acre (2.0 lbs. active ingredient/acre) per year on bermudagrass and Poa annua; 880 lbs. of product/acre (6.0 lbs. active ingredient/acre) per year on cool season turfgrasses; and 1,046 lbs. of product/acre (9.0 lbs. active ingredient/acre) per year on warm season turfgrasses.  
**STORAGE AND DISPOSAL:**  
Do not contaminate water, food or feed by storage or disposal.  
**PESTICIDE STORAGE:** Store in a clean, dry place. Rework opened bag by folding top down and securing.  
**PESTICIDE DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal. Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.  
**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.  
**IMPORTANT: READ BEFORE USE:**  
Read the entire Directions for Use and the Warranty Disclaimer and Limitation of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or Buyer accepts the following Warranty Disclaimer and Limitation of Liability.

**WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY:**  
Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Where permitted, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES in return of purchase price or replacement of product, or Buyer's choice. DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS. Use contrary to label directions is not permitted.  
**LEGAL RIGHTS:**  
THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE JURISDICTION TO STATE JURISDICTION. (FVand01800)  
Manufactured by:  
The Andersons Lawn Fertilizer Division, Inc.  
P.O. Box 119, Maumee, OH 43537

**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	SPREADER SETTINGS			
			LIGHT RATE	LOW RATE	MEDIUM RATE	HIGH RATE
The Andersons AccuPro 1000	3 mph	12 feet	K 1/2	L 1/2	M	M 3/4
The Andersons AccuPro2000/ SR-2000 (Cone 4)	3 mph	12 feet	K 1/2	L 1/2	M	M 3/4
Andersons SS-2 Drop	3 m ph	overlap wheels	6	6 1/4	6 3/4	7
Scotts Rotaries R-6, R-8A (Cone 4)	3 mph	12 feet	J 1/2	K 1/4	K 3/4	L 1/4
Lely Models (Pattern I) WTR, WFR, HFL, 1250 (PTO at 450 rpm)	4.5 mph	40 feet	5 1/2	6	6 1/2	6 3/4
Vicon (03 Series-Standard Spout)	4.5 mph	36 feet	28	30	34	37



# 20-3-4 Fertilizer with ProPendi™ Herbicide

Product Code:  
APT208PD5.1