



Nutrients PLUS® Fertilizer with 0.37% Cavalcade® 16-2-3

For selective preemergence control of grass and broadleaf weeds in:

- established turf grasses (excluding golf course putting greens) and lawns
- landscape ornamentals (including established perennials and wildflower plantings)

Active Ingredient:
Prodiamine [N3,N3-Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine].....0.37%

Inert Ingredients:99.63%

Total:100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

See the following section, Precautionary Statements, Hazards to Humans and Domestic Animals for additional information.

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION: Causes moderate eye injury (eye irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact while handling the material may cause allergic reactions in some individuals.

Environmental Hazards

This product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

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 do so 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 eye. Call a poison control center or doctor for treatment advice.

If on Skin or Clothing: 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 treatment advice.

Have the container or product label with you when calling a poison control center or doctor, or going for treatment. You may also call 1-800-858-7378 for emergency medical treatment advice.

Distributed & Guaranteed by

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(888) 675-7515
www.nutrientsplus.com

NET WT 50 lb (22.7 kg)

EPA Reg. No. 60063-28-82898
EPA Est. No. 075527-PA-12A, 047956-PA-001
Subscriber corresponds to 1st digit in lot no.
Cavalcade is a trademark of Sipcam Agro USA, Inc.



GUARANTEED ANALYSIS

Total Nitrogen (N).....16.00%

2.50% Ammoniacal Nitrogen
9.50% Urea Nitrogen[†]
1.60% Other Water Soluble Nitrogen
2.40% Water Insoluble Nitrogen*

Available Phosphate (P₂O₅).....2.00%

Soluble Potash (K₂O).....3.00%

Calcium (Ca)2.00%

Sulfur (S)3.00%

3.00% Combined Sulfur (S)

Iron (Fe)1.00%

Derived from poultry manure, biosolids, ammonium sulfate, urea, sulfur coated urea, muriate of potash.

*2.40% slowly available water insoluble nitrogen from poultry manure and biosolids.
†6.00% slowly available urea nitrogen from sulfur coated urea.

F1519

Information concerning the raw materials composing this product can be obtained by writing to the Guarantor listed on this label, and referring to the batch number found on this container.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in:

- established turf grasses (excluding golf course putting greens) and lawns
- landscape ornamentals (including established perennials and wildflower plantings)

This product controls susceptible weeds by inhibiting weed seed germination and root development. Most effective weed control will be obtained when it is activated by at least ½ inch of rainfall, irrigation, or shallow (1-2 inches) incorporation, prior to weed seed germination and within 14 days following application.

Not for use on plants being grown for (1) sale or other commercial use, (2) commercial seed production, or (3) research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds. Do not graze or feed livestock forage cut from areas treated with this product. Do not apply aerially. Do not apply to golf course putting greens. Do not apply this product through any type of irrigation system.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

WEEDS CONTROLLED

When used in accordance with this label, this product will provide control of the following weeds.

Barnyardgrass	Henbit	Pigweed
Bluegrass, Annual	Itchgrass	Purslane, common
(<i>Poa annua</i>)	Johnsongrass	Pusley, Florida
Carpetweed	(<i>from seed</i>)	Rescuegrass (3)
Chickweed, common	Junglerice	Shepherd's purse (2)
Chickweed, mouse ear	Knotweed	Signalgrass, Broadleaf
Crabgrass (large, smooth)	Kochia	Speedwell, Persian
Crowfootgrass	Lambsquarter, common	Sprangletop
Cupgrass, Woolly	Lovegrass	Spurge, prostrate
Foxtails, Annual	Panicum (<i>Texas, Fall, Browntop</i>)	Witchgrass
Goosegrass (1)		Woodsorrel, yellow (from seed)

⁽¹⁾ In many areas a single application of 0.65lb. to 1.5 lb. active ingredient per acre (equal to 176 lbs. to 405lbs. of this product per acre) will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained by making an initial application of 0.65lb. to 1.0 lb. a.i. per acre (equal to 176 lbs. to 270 lbs. of this product per acre) followed after 60 to 90 days by a second application at doses that would not exceed those give in the Maximum Annual Rates Table. Do not exceed the maximum rate for turf grass species listed in the Maximum Annual Rates Table on this label.

⁽²⁾ Application for this weed should be made in late summer, fall, or winter prior to germination.

⁽³⁾ Suppression only. Sequential application may be made so long as the total amount of product applied does not exceed the maximum annual application rates recommended for each turf species. All applications must be made prior to germination of the weed seeds.

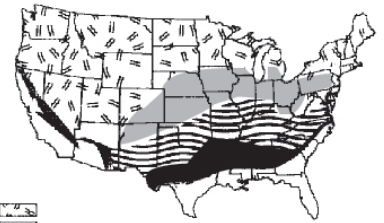
APPLICATION DIRECTIONS

Apply uniformly with suitable, calibrated application equipment.

ESTABLISHED TURF:

This product is a selective preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turf grass and lawns. The maximum amount of material that may be applied per year is given for each turf grass species in the Maximum Annual Rates section of this label. Most effective weed control in turf grasses will be obtained when this product is activated by at least ½ inch of rainfall or irrigation prior to weed seed germination and within 14 days following application. See map below for approximate crabgrass seed germination dates.

CRABGRASS SEED
GERMINATION DATES



Approximate Dates

After May 30
After May 10
After April 20
After March 20
Jan. 1 to Mar. 20



USE PRECAUTIONS: The following precautions apply to the use of this product in turf grasses and lawns: (1) Application of this product may thin emerged annual bluegrass and newly overseeded grasses. (2) Do not apply to overseeded turf within 60 days after seeding or until after the second mowing whichever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil. (3) Do not cut (harvest) treated sod before 120 days after application. Do not apply to newly set sod until the following year. (4) Application to turf stressed by drought, low fertility, or pest damage may result in turf injury. (5) Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control. (6) Do not apply this product to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.

RATES OF APPLICATION

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications must be made prior to germination of the target weeds. It will not control established weeds. Maximum use rate selection should be based on turf species. The length of time of residual weed control provided by this product is related to the rate applied.

MAXIMUM ANNUAL RATES

This product is recommended for use on the turf grass species listed in the following table. Do not exceed the maximum yearly rate as given in the following table:

Maximum Application Rate/Calendar Year of Product by Turf Grass Species (1)		
Turf Species	Lbs. Product/Acre	Lbs. a.i./Acre
Bermudagrass (2)	405	1.5
Bahiagrass		
Centipedegrass		
Seashore Paspalum		
St. Augustinegrass		
Tall Fescue (including turf-type)		
Zoysia		
Buffalograss	270	1.0
Kentucky Bluegrass		
Perennial Ryegrass		
Creeping Red Fescue	203	0.75
Creeping Bentgrass	176	0.65

⁽¹⁾ These are the maximum rates per calendar year by species limitations.

⁽²⁾ May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 0.5 lbs. a.i. (equal to 135 lbs./A of this product). Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Foxtail, Goosegrass and Rescuegrass due to reduced product rates used in sprigging situations.

• Do not apply more than 1.5 lbs. a.i. (equal to 405 lbs. of this product) per calendar year per acre.
• Use the higher rates of this product to achieve higher levels of fertility and longer periods of weed control for each turf type, but do not exceed the maximum application rates as specified in the Maximum Annual Rates Table.

WHEN TO APPLY AFTER OVERSEEDING TURF

Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil.

WHEN TO OVERSEED AFTER APPLICATION

This product will inhibit the germination of turf species if overseeded too soon after application. Follow rates and intervals in the table below for best overseeding/reseeding results.

Fertilizer with 0.37% Cavalcade Rate	Lbs/A	a.i./A	Months Before Overseeding		
			North	Transition	South
135	0.50		4	4	4
176	0.65		5	4	4
203	0.75		6	5	5
216	0.80		-	6	6
270	1.00		-	7	7
308	1.14		-	-	9
351	1.30		-	-	10
405	1.50		-	-	12