

SmartPhos[®] DG

4-22-0 with 8% Mg

- **Recycled Phosphorous is safe for all plants and seedlings**

- **Slow release formula**

GUARANTEED ANALYSIS

Total Nitrogen (N)	4.00%
4.00% Ammoniacal Nitrogen *	
Available Phosphate (P ₂ O ₅) *	22.00%
Magnesium (Mg) *	8.00%

Plant nutrients derived from magnesium ammonium phosphate hexahydrate.

*4.00% slowly available nitrogen, 22.00% slowly available phosphate, and 8.00% slowly available magnesium from magnesium ammonium phosphate hexahydrate.

F292

U.S. Patent #8,609,145
Other patents pending.



WARNING
MAY BE HARMFUL IF SWALLOWED
MAY CAUSE MILD SKIN IRRITATION
MAY CAUSE EYE IRRITATION
MAY CAUSE RESPIRATORY IRRITATION

Precautionary Statements

Call a poison center/physician if unwell. If skin irritation occurs, get medical advice. If in eyes, rinse cautiously with water for several minutes, remove contact lenses. If eye irritation persists, get medical advice. Wash hands after handling. Use only outdoors or in well ventilated areas. Avoid breathing dust. If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Store container tightly closed. Dispose of contents/container in accordance with national/regional/local regulations.

First Aid

If swallowed: If victim is alert and not convulsing, give one glass of water to dilute material, but DO NOT induce vomiting. Seek immediate medical attention.

If on skin: Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before reuse.

If in eyes: Immediately flush with water for at least 20 minutes. Seek medical attention if irritation persists.

If inhaled: Move victim to fresh air. Seek medical attention if irritation persists.

Directions for Use

Apply only as directed during the growing season. This product is a water dispersible formulation. Watering in this product will disperse each granule into thousands of tiny insoluble particles. This will facilitate the movement of the nutrients into the soil. Product will not harm seedlings and can be applied right with the seeds of turf or any plants. Because of the slow release features of this product, field research has shown that phosphorus applications of magnesium ammonium phosphate hexahydrate can reduce the need for phosphorous by 50% when compared to ammonium phosphates.

For turf:

Smartphos DG will greatly reduce ball, shoe and mower pickup on golf turf when irrigating at a minimum of 0.2 inches after application. This product should be used when a soil test has been conducted, within the last 36 months, and the test indicates that the soil is deficient in plant available phosphorous or the intended use is for establishing grass or repairing damaged grass during the growing season in which the grass is established.

It is recommended that this product be applied to dry turf only. Use at HALF the rate of normal phosphorous applications.

Cold weather (lower than 7°C/45°F) can result in slower particle dispersion. Apply at the LOW to HIGH during the growing season or for seeding. Use the LOW or MEDIUM RATE during mid-summer.

Exception: On bentgrass and *Poa annua*, apply at the LOW RATE if temperatures are 85°F or above.

Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden and sweep any product that lands on the driveway, sidewalk or street, back onto your lawn/garden.

For gardens and field crops:

Product can be applied broadcast, in furrow (with seed) and banded. For best results, use in-furrow or banded applications. Because of the slow release nature of this product, best results are achieved when apply at or near the time of planting and can last season-long.

Turf, Garden and Field Crop Application Rates:

LOW:	2.3 lbs/1,000 sq. ft. (0.50 lbs of P ₂ O ₅)
MEDIUM:	4.6 lbs/1,000 sq. ft. (1.0 lbs of P ₂ O ₅)
HIGH:	7.0 lbs/1,000 sq. ft. (1.5 lbs of P ₂ O ₅)

For Container plants (Nursery or food-crops)

Soiless Media Incorporation Rates			
	Low	Medium	High
Pounds per cubic yard	2.3	3.6	5
Grams per liter or Kilograms per Cubic Meter	1.4	2.2	3
Broadcast Rates			
	Low	Medium	
Pounds per 1,000 sq. ft.	3.5	6	
Kilograms per 100 sq. Meter	2	3.6	

Use low rate in greenhouse applications or heavy or clay soils, high rate on light or sandy soils depending on soil test. **Trail all rates on a small area or potted lot prior to adopting a new fertility program.**

Product selection and application rates should be based on individual grower practices. Some factors that influence selection include:

- Climate
- Specific Crop
- Type of Growing Media
- Other Nutrient Sources
- Irrigation Type
- Rainfall Amount

FLORIDA APPLICATIONS:

We recommend that you follow the Florida Green Industries BMP's at http://www.flaes.org/pdf/BMP_Book_final.pdf

We recommend that you follow the Florida Golf Course BMP's at <http://www.flaes.org/pdf/gfimp07.pdf>

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. To the extent consistent with applicable law, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at Buyer's choice. To the extent consistent with applicable law, Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER 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.

Product of U.S.A.

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS		
			LOW RATE 2.3 lbs/1,000 sq. ft.	MEDIUM RATE 4.6 lbs/1,000 sq. ft.	HIGH RATE 7.0 lbs/1,000 sq. ft.
			Andersons Model 2000 / AccuPro 2000 (cone 9); Andersons 2000 SR / SR-2000 (cone 9)	3 mph	8 feet
Andersons SSD / SS-2 Drop	3 mph	overlap wheels	3	4 1/2	5 1/2
Scotts R-8, R-8A (cone 9)	3 mph	8 feet	H 1/4	J 1/4	L 1/2
Lesco 020093 (pattern 0.0)	3 mph	6 feet	C 1/2	D 1/2	F 1/2
Lesco 705698 (pattern 0.0)	3 mph	6 feet	9	11	15

Suggested Spreader Settings
These suggested spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product.
40 lbs. feeds 17,300 sq. ft. (0.40 acre) with 0.5 lb. P₂O₅/1,000 sq. ft. at the LOW RATE (2.3 lbs/1,000 sq. ft.)
40 lbs. feeds 8,600 sq. ft. (0.20 acre) with 1.0 lb. P₂O₅/1,000 sq. ft. at the MEDIUM RATE (4.6 lbs/1,000 sq. ft.)
40 lbs. feeds 5,700 sq. ft. (0.13 acre) with 1.5 lb. P₂O₅/1,000 sq. ft. at the HIGH RATE (7.0 lbs/1,000 sq. ft.)

Manufactured by:
The Andersons Lawn Fertilizer Division, Inc.
P.O. Box 119
Maumee, Ohio 43537
www.andersonspro.com

SmartPhos is a registered trademark of The Andersons, Inc.

SGN 75
Net Wt. 40 Lbs (18.14 kg)



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