



# 41 • 41-0-0

**DESCRIPTION: POLYON®, POLYMER-COATED UREA (PCU), IS FERTILIZER COATING TECHNOLOGY WHICH CONTROLS THE RELEASE OF NUTRIENTS TO MEET THE PROLONGED FEEDING REQUIREMENTS OF TURFGRASS AND ORNAMENTALS.**

## BENEFITS: BEST POLYON® 41 • 41-0-0

- All the nitrogen is (100%) controlled-release, no immediate release.
- Turf response of 16-24 weeks can be expected. All the nitrogen is released during that time period, (no unreleased portions remaining).
- Polyon® Is very tough and durable. It resists breakage during blending, bagging and spreading. No quick premature release of nitrogen to burn foliage from cracked or damaged particles.
- Release mechanism by osmosis for a constant gradual diffusion of nitrogen through the ultra thin polymer coating. Release is unaffected by varying amounts of soil moisture, microbes or pH levels.

### POLYON 41 TEMPERATURE RELEASE RATES

60°F	=	20-24 weeks
70°F	=	16-20 weeks
80°F	=	10-16 weeks

## APPLICATION RATES:

	Lbs. of Actual Nitrogen desired per 1,000 sq.ft.	Lbs. of BEST® Polyon® 41 To apply per 1,000 sq.ft.	Lbs. of BEST® Polyon® 41 To apply per Acre
Turfgrass:	2* .....	4.9* .....	213*
*Recommended Rate	3 .....	7.3 .....	318
	4 .....	9.8 .....	427

**NOTE:** BEST® POLYON® 41 • 41-0-0 is 100% controlled release, no initial quick green-up should be expected. Allow approximately 2 weeks for visible turf response. Adequate phosphate and potash should be provided for optimum plant growth.

**GROUND COVER:** Broadcast at 4 lbs. per 1,000 sq.ft. (1/2 lb. per 100 sq.ft.).

**SHRUBS & EVERGREENS:** Sprinkle 1/2 cup evenly around dripline of plant and work into top 1 inch of soil.

**TREES:** Apply 1/2 lb. per 1 inch of trunk diameter. Distribute evenly under branches out to dripline.

**TREE & SHRUB NURSERIES:** In early spring, as soon as soil is possible, broadcast at 300 lbs. per acre between rows. Adjust P & K according to soils. For nursery and forestry seed or propagation beds, apply 5 lbs. per 1,000 sq. ft. along with adequate phosphate and potash.

**CONTAINER & GREENHOUSE SOIL MIXES:** Seedlings—1/2 lb. plus 1 lb. superphosphate and 1/2 lbs. sulfate of potash or other low salt index equivalent per cubic yard of mix.

**NOTE:** Liquid measuring cups are very close in estimating the weight of dry granular fertilizers.

**Example:** an 8 oz. (1 cup) measuring cup holds approximately 8 oz. of dry granular fertilizer.

## PRODUCT COVERAGE:

Based on the Recommended

ONE 50 LB. BAG COVERS 10,200 SQ. FT.

Turfgrass Rate



Tech sheets, MSDS and other  
information on BEST products  
available at [www.bestfertilizer.com](http://www.bestfertilizer.com)

## SPREADER SETTINGS:

Listed Settings Will  
Approximately Apply the  
Recommended Rate.

BEST® Pro .....	5¼B
Spyker / BEST® Models 34, 44, 64 .....	4.8
Earthway .....	18
Lesco .....	16
Scotts R-8A (Cone 4) .....	P½
Lely 1250 (5 mph) .....	6¾
Vicon (5 mph) .....	41

Rates are for spreading one  
time across in one direction



SGN 250

**NOTE:** Spreader settings are guidelines only. Spreaders should be checked for accuracy.

## APPLICATION PRECAUTIONS:

- Keep away from pools, ponds, etc. Do not contaminate potable water.
- Do not apply with a drop type spreader. The grinding action of these spreaders can damage the coating of polymer-coated urea and can cause burn potential.

## GUARANTEED ANALYSIS:

TOTAL NITROGEN (N) ..... 41.00%

41.00% Urea Nitrogen\*

Derived from Polymer-Coated Urea.

\*41.00% Slowly available urea nitrogen from polymer-coated urea.

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## PACKAGE SIZE:

50 LB. (22.68-Kg.) BAGS

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## HANDLING PRECAUTIONS:

MSDS - See Reverse

CAUTION: KEEP OUT OF REACH OF CHILDREN

HARMFUL IF SWALLOWED — DO NOT INHALE