



14-14-14
Precision Formulated
R⁴ Flourish

STEWARDSHIP GUIDELINES:

SOURCE:
Coated and homogeneous horticultural grade controlled release fertilizer.

RATE:
See reference chart below.

TIME:
Apply at time of planting. Lasts 3-4 months.

PLACE:
Apply incorporated or topdress.

How it Works: PurKote Adaptive Nutrient Delivery is designed to release plant nutrients at a rate that is compatible with the requirement of the plant. It's environmentally-friendly product capable of withstanding significant rainfall events without leaching. Heat and water drive the release rate of the contained nutrients. Each of PurKote's granules is enclosed in a proprietary polymer coating that controls the release of nutrients in each granule.

TOPDRESS CONTAINER: Plant Nutrient Requirements / Uniformly apply (topdress) product onto the container surface using the amounts listed below.

VOLUME (gal.)	DIAMETER	LOW	MEDIUM	HIGH
1 gallon	6 inches	4 g	7 g	10 g
2 gallons	8 inches	8 g	15 g	22 g
3 gallons	10 inches	13 g	27 g	38 g
5 gallons	12 inches	20 g	40 g	60 g
7 gallons	14 inches	30 g	60 g	90 g
10 gallons	17 inches	50 g	100 g	150 g
15 gallons	18 inches	70 g	140 g	210 g

Dry Measure	Level Measure	Grams	Oz (Wt.)
	1 teaspoon (tsp.)	5.8	0.21
	1 tablespoon (tblsp.)	17.7	0.63
	1/4 cup	57.6	2.03
	1/2 cup	121.7	4.29

APPLICATION RATES:

Use LOW rate for low feeding, sensitive plants or under high soil temperatures.
Use MEDIUM rate for medium to moderately heavy feeding plants.
Use HIGH rate only for heavy feeding hardy plants.

INCORPORATION: Plant Nutrient Requirements / Uniformly mix (incorporate) nursery fertilizer into potting media as follows:

POUNDS PER CUBIC YARD	LOW 4	MED 7	HIGH 10
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PLANTING BED: FIELD / Plant Nutrient Requirements (incorporate if possible or use lower rates) as follows.

POUNDS PER 100 SQ. FT.	LOW 4	MED 7	HIGH 10
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SOIL/MEDIA TEMPERATURE RELEASE RATES	
50°F	10.0°C = 6-7 month
60°F	15.5°C = 5-6 month
70°F	21.0°C = 3-4 month
80°F	26.5°C = 2-3 month

GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)*	14.00%
5.60% Ammoniacal Nitrogen	
8.40% Nitrate Nitrogen	
AVAILABLE PHOSPHATE (P ₂ O ₅)*	14.00%
SOLUBLE POTASH (K ₂ O)*	14.00%
SULFUR (S)	1.80%

Derived from: Polymer Coated:Ammonium Nitrate, Ammonium Phosphate, Potassium Sulfate

*All nutrient sources have been Polymer Coated to provide 14% Slow Release Total Nitrogen (N), 14% Slow Release Available Phosphate (P₂O₅), and 14% Slow Release Soluble Potash (K₂O).

PACKAGE SIZE: 50 lbs. (22.68-Kg)

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

HANDLING PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN

Blend #32453



WARNING

Harmful if inhaled. Eye and skin irritant. Avoid breathing dust. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling

Guaranteed By:

MAS * PO BOX 732 * NEWBERG, OR 97132



PURKOTE™
ADAPTIVE NUTRIENT DELIVERY