APEX® 21-.8-5 LOW P

WITH GAL-Xe ONE TECHNOLOGY

THE ONE TO GROW WITH

DESCRIPTION: UP TO 8 TO 9 MONTH ◊ PROFESSIONAL NURSERY FERTILIZER WITH ALL THE PRIMARY NUTRIENTS COATED FOR OPTIMUM SAFETY AND PERFORMANCE. APEX 21-.8-5 LOW P IS SPECIFICALLY FORMULATED FOR PLANTS THAT ARE SENSITIVE TO HIGH RATES OF PHOSPHORUS OR ARE MORE EFFICIENT IN PHOSPHORUS UPTAKE.

GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)*	21.00%
3.50% Ammoniacal Nitrogen	
3.00% Nitrate Nitrogen	
14.50% Urea Nitrogen	
TOTAL PHOSPHORUS (P)*	0.80%
TOTAL POTASSIUM (K)*	5.00%
Magnesium (Mg)	1.90%
Sulfur (S)*	5.50%
Copper (Cu)	0.05%
Iron (Fe)	1.70%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.0006%
Zinc (Zn)	0.05%

Derived from Polymer-Coated Urea, Polymer-Coated Ammonium Nitrate, Polymer-Coated Ammonium Phosphate, Polymer-Coated Calcium Phosphate, Polymer-Coated Ammonium Polyphosphate, Polymer-Coated Sulfate of Potash, Polymer-Coated Sulfate of Potash-Magnesia, Magnesium Carbonate, Magnesium Oxide, Magnesium Sulfate, Copper Oxide, Copper Sulfate, Ferric Oxide, Ferrous Sulfate, Manganese Oxide, Manganese Sulfate, Sodium Molybdate, Zinc Oxide and Zinc Sulfate.

*A portion of the nitrogen, phosphorus, potassium and sulfur materials in this product have been coated to provide 21.00% coated slow release nitrogen (N), 0.80% coated slow release total phosphorus (P), 5.80% coated slow release total potassium (K), and 4.20% coated slow release sulfur (S)

BENEFITS:

- APEX® 21-.8-5 LOW P releases all the primary nutrients through a process of diffusion using GAL-Xe ONE, Simplot's exclusive space age controlled release fertilizer technology.
- Release of nutrients with GAL-Xe ONE is predictable and reliable. The coating has been precisely applied to ensure the safety and effectiveness of each granule.
- Release of nutrients is not significantly affected by media type, moisture level, pH, or microbial activity.

8 to 9 MONTH

SOIL/MEDIA TEMPERATURE RELEASE RATES

10.0 °C = 11-12 month

15.5 °C = 9-10 month

21.0 °C = 8-9 month ◊

26.5 °C = 6-7 month

APPLICATION RATES: (Call for rates on larger containers.)

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.

These application rates are based on the average temperature at the fertilizer location of 70° F

Increase fertilizer application rates by 20% if average monthly temperatures are lower than 60°F

Lower application rates by 20% if average monthly temperatures are greater than 80°F

CONVERSION TABLE

DRY MEASURE

Level Measure	Grams
1 teaspoon (tsp.)	6.0
1 tablespoon (tblsp.)	17.7
1/4 cup	56.6
1/2 cup	116.6

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

DIAMETER (mm)	LOW	MEDIUM	HIGH
100mm	1.0 g	2.0 g	3.0 g
125mm	3.0 g	5.0 g	7.0 g
150mm	5.0 g	8.0 g	11.0 g
175mm	9.0 g	15.0 g	18.0 g
200mm	14.0 g	21.0 g	28.0 g
250mm	31.0 g	45.0 g	60.0 g
300mm	40.0 g	60.0 g	80.0 g

Techsheets, MSDS and other information on APEX products available at: **www.simplotpartners.com.au**

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

POUNDS PER CUBIC YARD	LOW 5	MED 7	HIGH 9

PLANTING BED: FIELD / Plant Nutrient Requirements (incorporate if possible or use lower rates) as follows:

POUNDS PER 100 SQ. FEET	LOW 11	MED 22	HIGH 33

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APPLICATION PRECAUTIONS:

- Trial before use of this product under your local growing conditions, application methods, and desired rates. Avoid application to plants under stress.
- If mixed media is not used within one week, leach thoroughly before using.
- Product left in media for more than one week will lose longevity resulting in reduced release time and wasted controlled release fertilizer.
- Avoid the use of media processing equipment that could change the integrity of APEX.
- Avoid mounding of fertilizer against base of plant.
- Iron and other plant nutrients can cause staining of cement.
- Keep away from pools, ponds, and other bodies of water.
- When using potting media with higher cation exchange capacities use lower recommended rates of this formulation.
- When using supplemental liquid feed reduce the rate of this formulation accordingly.
- Do not incorporate into media prior to steam sterilization.
- This product is not recommended for dibble applications.
- To avoid buildup of soluble salts, occasional leaching may be necessary.
- CAUTION: Application of fertilizer materials containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) that are toxic to ruminant animals.