



# 22-6-10 Full Season Topdress

with GAL-XeONE®

U.S. STANDARD

## GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)*	22.00%
2.50% Ammoniacal Nitrogen	
1.00% Nitrate Nitrogen	
18.50% Urea Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> )*	6.00%
SOLUBLE POTASH (K <sub>2</sub> O)*	10.00%
Magnesium (Mg)	1.50%
Sulfur (S)**	4.50%
Copper (Cu)	0.05%
Iron (Fe)	0.60%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.001%
Zinc (Zn)	0.05%

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

\*A portion of the nitrogen, phosphate, potash and sulfur materials in this product have been coated to provide 21.50% coated slow release nitrogen (N), 0.70% coated slow release available phosphate (P<sub>2</sub>O<sub>5</sub>), 1.50% coated slow release soluble potash (K<sub>2</sub>O), and 0.50% coated slow release sulfur (S).

**WARNING: Cancer and Reproductive Harm -**  
www.P65Warnings.ca.gov

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-jr.com>

**DESCRIPTION: UP TO 6 TO 7 MONTH** **CONTROLLED RELEASE NURSERY FERTILIZER FORMULATED TO MEET THE NUTRITIONAL NEEDS OF CONTAINER GROWN DECIDUOUS TREES AND SHRUBS.**

KEEP OUT OF REACH OF CHILDREN

**WARNING**

CAUSES EYE IRRITATION.

**PRECAUTIONARY STATEMENTS:** Wash hands, forearms and face thoroughly after handling.  
**FIRST AID: IF IN EYES** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

## BENEFITS:

- Is derived from GAL-XeONE®, Simplot's exclusive space age controlled release fertilizer technology.
- Polymer-coated sulfate of potash provides extended potash release.
- Release of nitrogen is controlled by diffusion and is not significantly affected by media type, moisture level, pH, or microbial activity.

## SOIL / MEDIA TEMPERATURE RELEASE RATES

50°F =	8-9 month
60°F =	7-8 month
70°F =	6-7 month
80°F =	5-6 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

Level Measure	Grams	Oz.(Wt.)	APEX® SPOONS		
			Size	Grams	Oz.(Wt.)
1 teaspoon (tsp.)	5.8	0.20	1	10.1	0.36
1 tablespoon (tbsp.)	17.5	0.62	2	14.9	0.53
1/4 cup	54.7	1.93	3	20.6	0.73
1/2 cup	114.7	4.05	4	24.7	0.87

TOPDRESS CONTAINER:	VOLUME (gal.)	DIAMETER	LOW			MEDIUM			HIGH		
			Size	Grams	Oz.(Wt.)	Size	Grams	Oz.(Wt.)	Size	Grams	Oz.(Wt.)
Plant Nutrient Requirements /	1 gallon	6 inches	4 g	8 g	12 g						
Uniformly apply (topdress) product	2 gallons	8 inches	9 g	17 g	26 g						
onto the container surface using the	3 gallons	10 inches	15 g	30 g	45 g						
amounts listed.	5 gallons	12 inches	24 g	48 g	72 g						
	7 gallons	14 inches	35 g	70 g	105 g						
	10 gallons	17 inches	60 g	120 g	180 g						
	15 gallons	18 inches	80 g	160 g	240 g						

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

<b>POUNDS PER CUBIC YARD</b>	<b>LOW 4</b>	<b>MED 8</b>	<b>HIGH 12</b>
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**PLANTING BED:** Plant Nutrient Requirements (incorporate if possible or use lower rates) as follows:

<b>POUNDS PER 100 SQ. FT.</b>	<b>LOW 2</b>	<b>MED 3.5</b>	<b>HIGH 5</b>
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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 the polymer coating.
- 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.
- WARNING:** Application of fertilizer materials containing Molybdenum (Mo) may result in forage crops containing levels of Molybdenum (Mo) that are toxic to ruminant animals.

**DISCLAIMER OF WARRANTIES J.R. Simplot Company** warrants that the composition of this product conforms to the description and is reasonably fit for the purpose as stated on the label only when used in accordance with label directions under normal conditions of use. This warranty is expressly in lieu of all other warranties and representations expressed, implied, or statutory, including warranties of merchantability and fitness for a particular use. Timing, rate and method of application, weather and crop conditions, and mixtures not specifically recommended on this label or an accompanying written recommendation, are beyond the control of the seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees that, in the event of damages resulting from, but not limited to, weather or soil conditions, presence of other materials, or failure to follow label directions, responsibility will be assumed by the buyer or user; and to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon seller. GHS\_9-8-2016\_R4-25-2017

**U.S.A. Trademark designation:** Simplot®, APEX®, and GAL-XeONE® are registered trademarks of the J.R. Simplot Company, 1218A

U.S. STANDARD - NET WEIGHT 50 LB. (22.68 KG.)

**J.R. Simplot Company**  
Professional Products  
P.O. Box 198 • Lathrop, CA 95330 • (208) 336-2110  
IN CASE OF EMERGENCY CALL CHEMTREC 1-800-424-9300



# 22-2.62-8.3 Full Season Topdress

with GAL-XeONE™

ELEMENTAL

## GUARANTEED ANALYSIS:

TOTAL NITROGEN (N)**	22.00%
2.50% Ammoniacal Nitrogen	
1.00% Nitrate Nitrogen	
18.50% Urea Nitrogen	
TOTAL PHOSPHORUS (P)**	2.62%
TOTAL POTASSIUM (K)**	8.30%
Magnesium (Mg)	1.50%
Sulfur (S)**	4.50%
Copper (Cu)	0.05%
Iron (Fe)	0.60%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.001%
Zinc (Zn)	0.05%

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

\*\*A portion of the nitrogen, phosphorus, potassium and sulfur materials in this product have been coated to provide 20.75% coated slow release nitrogen (N), 0.30% coated slow release total phosphorus (P), 1.20% coated slow release total potassium (K), and 0.50% coated slow release sulfur (S).

## FOR INTERNATIONAL USE

Including but not limited to the following countries:  
Australia, China, Malaysia, New Zealand

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## BENEFITS:

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- Release of nitrogen is controlled by diffusion and is not significantly affected by media type, moisture level, pH, or microbial activity.

## SOIL / MEDIA TEMPERATURE RELEASE RATES

10.0°C =	8-9 month
15.5°C =	7-8 month
21.0°C =	6-7 month
26.5°C =	5-6 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 21.0°C.  
Increase fertilizer application rates by 20% if average monthly temperatures are lower than 15.5°C.  
Lower application rates by 20% if average monthly temperatures are greater than 26.5°C.

## CONVERSION TABLE

Level Measure	Grams	Oz.(Wt.)	APEX™ SPOONS		
			Size	Grams	Oz.(Wt.)
1 teaspoon (tsp.)	5.8	0.20	1	10.1	0.36
1 tablespoon (tbsp.)	17.5	0.62	2	14.9	0.53
1/4 cup	54.7	1.93	3	20.6	0.73
1/2 cup	114.7	4.05	4	24.7	0.87

TOPDRESS CONTAINER:	DIAMETER (mm)	LOW		MEDIUM		HIGH	
		Size	Grams	Size	Grams	Size	Grams
Plant Nutrient Requirements /	100 mm		0.8 g		1.7 g		2.5 g
Uniformly apply (topdress) product	125 mm		1.5 g		3.3 g		5.0 g
onto the container surface using the	150 mm		3.0 g		6.0 g		9.0 g
amounts listed.	175 mm		5.0 g		10.0 g		15.0 g
	200 mm		7.5 g		15.0 g		22.5 g
	250 mm		16.7 g		33.3 g		50.0 g
	300 mm		22.0 g		44.0 g		66.0 g

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

<b>KILOGRAMS PER CUBIC METRES</b>	<b>LOW 2.5</b>	<b>MED 5</b>	<b>HIGH 7.5</b>
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**PLANTING BED:** Plant Nutrient Requirements (incorporate if possible or use lower rates) as follows:

<b>KILOGRAMS PER 100 SQ. METRES</b>	<b>LOW 10</b>	<b>MED 17</b>	<b>HIGH 24</b>
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## APPLICATION PRECAUTIONS:

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- 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 the polymer coating.
- 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.
- WARNING:** Application of fertilizer materials containing Molybdenum (Mo) may result in forage crops containing levels of Molybdenum (Mo) that are toxic to ruminant animals.

**DISCLAIMER OF WARRANTIES J.R. Simplot Company** warrants that the composition of this product conforms to the description and is reasonably fit for the purpose as stated on the label only when used in accordance with label directions under normal conditions of use. This warranty is expressly in lieu of all other warranties and representations expressed, implied, or statutory, including warranties of merchantability and fitness for a particular use. Timing, rate and method of application, weather and crop conditions, and mixtures not specifically recommended on this label or an accompanying written recommendation, are beyond the control of the seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees that, in the event of damages resulting from, but not limited to, weather or soil conditions, presence of other materials, or failure to follow label directions, responsibility will be assumed by the buyer or user; and to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon seller. GHS\_9-8-2016\_R4-25-2017

**International Trademark designation:** Simplot™, APEX™ and GAL-XeONE™ are trademarks of the J.R. Simplot Company.

ELEMENTAL - NET WEIGHT 22.68 KG.

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IN CASE OF EMERGENCY CALL CHEMTREC +1-703-527-3887 • CCN# 12097



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