



SKU - A901900
Packaging - 50 lb



Blue-Max™ features new polymer-coated E-Max Release Technology™ that conveniently delivers controlled release Aluminum Sulfate (Al) to create and maintain the desired blue color of hydrangea flowers. With this coated approach, growers can deliver a sustained supply of Aluminum to the plant in a safe and reliable manner. And unlike with drenches, the consistent release within specified longevities eliminates the need for repeated applications, saving time, labor and ultimately dollars.

Grower Benefits:

Blue-Max™ is specially formulated for use in the production of blue variety Hydrangeas. Blue-Max shines in helping maintain the growing media pH in an acceptable range for the plant to take up Aluminum and store it in the buds. Providing a steady supply of Aluminum and aiding in keeping the root zone at the proper pH is exactly what is needed to produce blue flowers. Timing of applications is important because the Aluminum needs to be in the blossom so the blue light is reflected to our eyes. Application in the spring just prior to leaf out and/or in the fall before leaf out is generally best. When applying in soils, there is much more buffering capacity, so multiple applications throughout the season may be necessary to drop the soil pH below 6. Growers also have successfully used Blue-Max™ with other acid loving plants to help adjust media pH down.

PRODUCT ADVANTAGES

- Coated Aluminum Sulfate to help lower soil pH
- Featuring E-Max Release Technology
- Designed for use in the production of blue flowered hydrangeas
- Provides Sulfur, an essential secondary nutrient required for many important plant metabolic functions

Where needs take us

| Longevity at the following Average Media Temperature (F) | | | |
|--|--------------|--------------|------------------|
| 60°F (15°C) | 70°F (21°C) | 80°F (26°C) | 90°F (32°C) |
| 3 - 4 MONTHS | 2 - 3 MONTHS | 1 - 2 MONTHS | 0.5 - 1.5 MONTHS |

GUARANTEED ANALYSIS

F1877

Sulfur (S)13.3%
13.3% Combined Sulfur (S)

Derived From: Polymer-Coated Aluminum Sulfate

* 13.3 slow release sulfur (S) from polymer coated Aluminum Sulfate.

ALSO CONTAINS NON-PLANT FOOD INGREDIENT(S):

Soil Amending Guaranteed Analysis:
8.02% Aluminum (Al)
91.98% Total Other Soil Amending Inert Ingredients

APPLICATION RATES

The application rates listed are intended as a guideline in developing a routine program to grow blue flowered hydrangeas. Effective rates will depend on many factors including: crop condition, growing environment, cultivar type, timing of application, rate, root zone ph, fertilizer program and growing media. These rates may or may not apply to your area or growing conditions. It is the responsibility of the grower to determine the appropriate rate. Your rate may be higher or lower than suggested based on your growing conditions.

Apply product in the spring as soon as plants break dormancy or during any period of flower development. Broadcast product uniformly over soil surface. Avoid piling product against leaves and stems. Water in immediately after application.

FOR PROFESSIONAL USE ONLY

ICL Specialty Fertilizers recommends a product trial prior to adopting a new fertilizer program. Product selection and application rate should be based on individual grower practice. The following are general recommendations only.

Excess aluminum can be injurious to plants especially if root zone pH's are low or if plants dry out excessively. Trial Blue Max™ on a small block of plants at various rates before adopting it for your entire hydrangea crop. The best rate for a specific crop will depend on many factors in your growing system.

- **Use lower rates for: freshly potted or young plants, greenhouse production, high peat-based media, lower root zone pH's (< 6.0), low P fertilizer program, sub-irrigation, crops also receiving other Al treatments.**
- **Use higher rates for: older established plants, outdoor production, high bark media, higher root zone pH's (> 6.0), higher P fertilizer program.**

SUGGESTED APPLICATION RATES:

| CONTAINER NURSERY STOCK SUGGESTED APPLICATION AND RATES | | |
|--|-------------------|-------------------------|
| 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 |

GREENHOUSE & NURSERY TOPDRESS RATES PER CONTAINER (GRAMS)**

| SURFACE APPLICATION RATES PER CONTAINER (GRAMS) | | | |
|---|---|-----|------|
| Common Nursery Container Sizes (Volume) | Approx. No. of Containers per Cubic Yard*** | Low | High |
| Trade 1 gal. | 300 | 12 | 18 |
| 1 gal. | 210 | 17 | 26 |
| Trade 2 gal. | 125 | 29 | 44 |
| 2 gal. | 102 | 36 | 53 |
| 3 gal. | 70 | 52 | 78 |
| 5 gal. | 52 | 70 | 105 |
| 7 gal. | 35 | 104 | 156 |

**Actual container fill rates may vary depending on container brand, specific growing media and fill method.

SUGGESTED GREENHOUSE & NURSERY APPLICATION RATES

| INCORPORATION RATES | LOW | HIGH |
|---------------------------|-----|------|
| Pounds Per Cubic Yard | 8.0 | 12.0 |
| Kilograms Per Cubic Meter | 4.7 | 7.1 |
| Grams Per Liter | 4.7 | 7.1 |

| APPROXIMATE VOLUME MEASURES / MEDICIONES APROXIMADAS DEL VOLUMEN | | | | | | | |
|--|--------|---------|--------|--------|--------|------|----|
| ICL Yellow Spoons (level) | #1 | #2 | #3 | #4 | #5 | #6 | #7 |
| Approximate Weight (in grams) | 9 | 13 | 17 | 35 | 46 | 67 | 91 |
| Conventional Measures (level) | 1 tsp. | 1 tbsp. | 1/4 c. | 1/3 c. | 1/2 c. | 1 c. | |
| Approximate Weight (in grams) | 5 | 14 | 57 | 76 | 115 | 229 | |

28 grams = 1 oz. / 454 grams = 1 lb. 28 gramos = 1 oz. / 454 gramos = 1 lb.