

# AMP™ ProMag® 36

## Magnesium Supplement



Advanced Micronutrient Products

### Magnesium – An Essential Nutrient

The addition of AMP™ ProMag® 36 to the family of proven AMP products gives you another powerful tool to help grow and maintain healthy, great-looking turfgrass, bedding plants, ornamentals and horticultural crops.

ProMag 36 — a popular nutrient supplement among turfgrass and horticulture professionals for years — is a unique, non-burning combination of magnesium sulfate and magnesium oxide in a micro-prill form. AMP ProMag 36 allows you to provide both immediate magnesium response and longer term magnesium availability in one convenient product.

### The Benefits of High-quality Magnesium for Greener Plants

Magnesium is one of the most critical building blocks of chlorophyll in turf and all green plants, and is essential for photosynthesis. Magnesium can also support transfer reactions involving phosphate reactive groups as well as several plant enzyme activities. In soils, magnesium functions to stabilize the base ion exchange, providing balance between calcium and potassium and helping to promote the uptake of nutrients.

AMP ProMag 36 is ideal for greens, tees and fairways as well as other professional landscape and ornamental applications. You can apply AMP ProMag 36 directly to the areas you want to treat, or mix it with other fertilizers as part of a complete nutrient management plan.

Like all AMP products, AMP ProMag® 36 is manufactured to be dust-free and uniform in size, so you can be sure of easier handling, consistent application and dependable performance. Our granulation process ensures that each granule of AMP ProMag 36 is homogeneous, containing each of the guaranteed elements.



### What Secondary and Micronutrients Provide

- **Boron (B)** is an essential nutrient in cell development, flowering and pollination.
- **Calcium (Ca)** is a component of cell walls and membranes, and helps regulate cell growth.
- **Copper (Cu)** is needed for protein synthesis and nitrogen metabolism.
- **Iron (Fe)** performs vital functions in energy transfers, and is a component of many plant proteins.
- **Magnesium (Mg)** is the central molecule of chlorophyll, the plant's green pigment.
- **Manganese (Mn)** is a part of several plant enzymes, and plays a major role in photosynthesis.
- **Molybdenum (Mo)** plays a key role in protein synthesis, nitrogen metabolism and chlorophyll concentration.
- **Sulfur (S)** is essential for a variety of plant functions, and helps convert nitrogen into protein.
- **Zinc (Zn)** is needed to regulate the synthesis of protein, starch and growth hormones in plants.

#### AMP ProMag 36 – Guaranteed Analysis

Total Magnesium (Mg) <i>3.6% Water Soluble Magnesium (Mg)</i>	36%
Sulfur (S) <i>6% Combined Sulfur (S)</i>	6%

#### AMP ProMag 36 – Product Characteristics

Moisture (H <sub>2</sub> O)	1-2%
ph of 10% wt./wt. Aqueous solution	5-6%
Bulk Density (lbs/cu.ft.)	75
SGN (Size Guide Number)	100
Uniformity Index (UI)	50

