

# MAG-IRON<sup>®</sup>

## SOLUBLE MAGNESIUM AND IRON COMPLEX

Mag-Iron is a highly effective and immediately available source of Magnesium and Iron which is essential for the growth and development of all plants. Results should be noticeable within the first few days to a week after application.

Mag-Iron releases to the soil Magnesium and Iron in a form that can be easily assimilated by the plant. It will aid in absorption and translocation of phosphorus, increasing the yield and quality of the crop. 100% water soluble, Mag-Iron may be applied as a foliar spray, or as a soil drench.

### Guaranteed Analysis

Magnesium (Mg) . . . . .	4.5%
4.5% Water Soluble Magnesium (Mg)	
Iron (Fe). . . . .	6.0%
6% Chelated Iron (Fe)	

Derived from Iron EDTA and Magnesium Sulphate. Information regarding the content and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm> F593

### Directions

Use soil and tissue tests as guidance. Soils should have adequate moisture and plants should not be in drought stress prior to application. Applications to foliage should be avoided at peak sunlight hours. **Constant Feeding (Preferred):** Mag Iron is designed as a Spoon Feeding<sup>®</sup> mix. Spoon-Feeding applications may be made at the rate of 1 to 2 ppm Fe at each watering through irrigation watering systems and injectors. A 1:100 injector ratio would require 0.2 to 0.4 ozs per gallon of concentrate. Use soil and tissue test as a guide for specific crops. Rates for other methods of application are:

#### Vegetable and Field Crops

**Foliage:** 1 pound per acre (45 grams per 400 square meters) in convenient amount of water after plants are established.

**Soil:** Band or sidedress up to 10 pounds per acre (450 grams per 400 square meters).

#### Fruit & Nut Crops

**Foliage:** 1/2 pound per 100 gallons (60 grams per 100 liters) of water and apply as a thorough cover spray prior to bloom or after harvest.

**Soil:** 1 to 2 pounds (450 to 900 grams) per tree based on size. For berry crops, band or sidedress 1 pound per 100 feet (150 grams per 10 meters) of row.

#### Greenhouse Ornamentals

**Soil Drench:** Use 1/4 pound (30 grams) in 100 gallons (100 liters) of water (approx. 19 PPM Fe) to cover 400 square feet (37 square meters) of bench or bed.

**Soil Mix:** 1 pound (450 grams) in enough soil to cover 1600 square feet (150 square meters) of area or 200 cubic feet (5.5 cubic meters) of soil.

#### Nursery

**Foliage:** 1 pound in 100 gallons (120 grams in 100 liters) of water.

**Soil:** For bed or row application apply 2 to 5 ounces per 100 square feet (57 to 142 grams per 9 square meters).

#### Turfgrass

Use increased amounts of water at application for dry soil, or water in after application.

#### Fairways and Lawns

1 pound per thousand square feet (4.88 grams per square meter) dissolved in a convenient amount of water to provide easy application.

#### Greens

1/4 pound per thousand square feet (1.22 grams per square meter) dissolved in a convenient amount of water to provide easy application.

The manufacturer makes no warranty of any kind, expressed or implied, concerning the use of this product. The user assumes all risks for use or handling, whether or not in accordance with any directions or suggestions.