



BIOBURST™ MANGANESE-12%

Product Information Sheet

BIOBURST™ MANGANESE-12% is a combination of Manganese (Mn) and lignosulfonic acid, a natural organic product derived from wood. The lignosulfonates bind the Manganese in a chelated form readily available to the plant.

In addition, **BIOBURST™ MANGANESE-12%** provides an advantageous buffering action, notably in the preferred range of acidic pH, slightly below neutrality.

The product is water soluble up to 4 lbs./gallon (.48 kg/L), but we recommend a ration of 1 part **BIOBURST™ MANGANESE-12%** to 6 parts water, and is a highly efficient nutrient foliage spray, independently or in combination with most insecticides, fungicides and herbicides, as well as low biuret urea and spreading agents. *The product is not compatible with liquid phosphate fertilizers.*

GUARANTEED ANALYSIS (by weight)

Manganese (Mn)	12%
Sulfur (S)	11%

APPLICATION RATES

BIOBURST™ MANGANESE-12% is proved effective for foliar nutrition of deciduous fruit and nut trees, citrus, stone fruits, vegetables, many field crops, lawns and ornamentals. It is applied as a full coverage foliage spray ranging from 3-10 quarts/acre (8-26 L/Ha) depending upon plant need.

BIOBURST™ MANGANESE-12% is also effective as a soil application at use levels about double those for foliar applications. It may be applied with irrigation waters and nitrogen solutions or by direct placement in the soil.