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# MONO-AMMONIUM PHOSPHATE (MAP)

## 11-52-0

A granular fertilizer manufactured from phosphoric acid and ammonia. It is an excellent product for direct application and is particularly well suited for use as a row fertilizer. It is an ideal product for blending.

### Typical Analysis

Total Nitrogen (N) .....	11.0%
Ammonic Nitrogen.....	11.0%
Available Phosphoric Acid .....	52.0%
Sulphur .....	2.0%
Fluorine, F.....	1.6%
Aluminum, Al <sub>2</sub> O <sub>3</sub> .....	1.0%
Iron, Fe <sub>2</sub> O <sub>3</sub> .....	0.7%
Magnesium, MgO .....	1.5%

### Physical Properties

Particle Size: percent through 5 and over 12 mesh (Tyler) .....	97
Bulk Density: Poured, pounds per cubic foot.....	63
Compacted, pounds per cubic foot.....	67
Color: .....	light green
pH (10% solids): .....	4.5
Moisture, percent .....	1.0
Water-soluble, percent of available P <sub>2</sub> O <sub>5</sub> .....	90
Citrate-soluble, percent of available P <sub>2</sub> O <sub>5</sub> .....	10

### Shipping

11-52-0 is available in bulk.