



# Cultiplant

## Straights

### Monoammonium Phosphate Horticultural Grade

#### Description

Brand Name	CULTIPLANT MAP HG
Chemical name	Ammonium dihydrogen phosphate
Chemical Formula	$\text{NH}_4\text{H}_2\text{PO}_4$
Appearance	White crystals

#### Chemical Composition

Total Nitrogen (N)	12% +/- 1%
Ammoniacal Nitrogen (N-NH <sub>4</sub> )	12%
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	61% +/- 1%

#### Physical Properties

Density	0.8 kg/L
pH	4.3 - 4.5 (0.1M solution)
Moisture	< 0.12%
Solubility in water	353 g/L at 20°C
Insolubles	< 0.04%