



THE WORLDWIDE  
BUSINESS FORMULA

# Ultrasol<sup>®</sup> MAP



**Ultrasol<sup>®</sup> MAP** is a NP source which is high in phosphorous and which is essential for the root development and crop establishment. The phosphate in **Ultrasol<sup>®</sup> MAP** buffers fertigation solutions, keeping the pH effectively stable at around 4,5.

**Ultrasol<sup>®</sup>** is a complete range of water-soluble nutritional solutions, designed to offer an integrated solution in fertigation, starting from the plant's need per phenological phase, including both macro- and micronutrients, which contributes to an efficient nutrient absorption.

**Ultrasol<sup>®</sup>** is powered by **The Element Q**, the exclusive warranty seal of **SQM's** business formulae, which boosts the yield of your crop and optimizes the profitability of your business.



Macronutrients • Micronutrients • By Stage • By Crop • Acid Line

[www.sqm.com](http://www.sqm.com)

**Ultrasol® MAP** is fully water-soluble and contains 12 % N and 61 % P<sub>2</sub>O<sub>5</sub>, making it the fertilizer with the highest P content. And given its low ammonium content, **Ultrasol® MAP** is therefore very suitable for fertigation in soil-grown crops.

## KEY ADVANTAGES OF ULTRASOL® MAP

### High Purity

**Ultrasol® MAP** is very low in chloride, sodium and heavy metals.

### Fully Soluble

**Ultrasol® MAP** is a free-flowing crystalline powder that quickly dissolves in water.

### Compatibility

**Ultrasol® MAP** can be mixed with all water-soluble fertilizers other than calcium-containing products.

### pH Buffer

The phosphate in **Ultrasol® MAP** buffers fertigation solutions, which keeps the pH effectively stable at around 4,5.

### Urea-Free

Nitrogen in **Ultrasol® MAP** is present in the ammonium form, which offers better control over N availability to plants than urea.



## THE SOURCE WITH THE HIGHEST P CONTENT FOR FERTIGATION

### Fertigation

Used mainly as a P source, **Ultrasol® MAP** is the perfect product to supply phosphate and nitrogen simultaneously in fertigation programmes for soil-grown crops.

In intensive fertigation, control over N availability is limited if urea is used as a nitrogen source.

**Ultrasol® MAP's** low ammonium content maintains the correct nitrogen balance between ammonium and nitrate, and avoids using urea. Combination with any nitrate nitrogen source ensures an optimum NO<sub>3</sub>/NH<sub>4</sub><sup>+</sup> ratio for any crop.

## ULTRASOL® MAP SPECIFICATIONS



### ULTRASOL® MAP SPECIFICATIONS

Nitrogen (N)	12 %
Ammonium Nitrogen (N-NH <sub>4</sub> )	12 %
Phosphorous Pentoxide (P <sub>2</sub> O <sub>5</sub> )	61 %
Phosphorous (P)	26,6 %
Insolubles	< 0,1
EC (1 g/l at 25 °C, in mS/cm)	0,8
pH (1 % solution)	4,5
Form	Crystalline, odourless
Colour	White

Ask your local **SQM** agronomist for a Specialty Plant Nutrition programme in accordance with your local needs and requirements.

### DISCLAIMER

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