



## Ultracool® Magnum Phoscal

### Related Crops

- Ultracool® Magnum Phoscal is a strong acidic, high P, Ca and N source for fertigation in soil-grown crops.
- It increases the nutrient availability in the soil solution, improves the nutrient uptake efficiency, and helps to prevent the blocking of irrigation systems.
- It is very suitable for calcareous and alkaline soil conditions and can be used throughout the entire growth cycle of soil-grown crops under fertigation
- It's very low in chloride, sodium and heavy metals, free-flowing, fine crystalline powder

### Technical information

<b>Total nitrogen content (N):</b>	10.0 % minimum
<b>Ureic nitrogen (N):</b>	10.0 % minimum
<b>Phosphorus pentoxide (P<sub>2</sub>O<sub>5</sub>):</b>	50.0 % minimum, soluble in water
<b>Phosphorus (P):</b>	18.7% minimum, soluble in water
<b>Calcium oxide (CaO):</b>	10.0 % minimum
<b>Calcium (Ca):</b>	7.1 % minimum
<b>Insolubles:</b>	< 0.1%
<b>CE (1 g/l at 25°C, in mS/cm):</b>	0.87
<b>pH (1 - 10% solution):</b>	2.2
<b>pH (0.1% solution):</b>	2.6



## Technical information

**Acidity:**

4.3 mmole H<sup>+</sup>/gram

**Bicarbonate neutralizing power:**

4.3 mmole HCO<sub>3</sub><sup>-</sup>/gram 262 ppm

HCO<sub>3</sub><sup>-</sup>/gram

**Form:**

Crystalline, odourless powder

**Colour:**

White