



# Cultiplant

Advanced

## CULTIMAG TRIO Ca Zn

### Description

|                  |   |
|------------------|---|
| Brand Name       | CULTIMAG TRIO Ca Zn   |
| Chemical name    | Calcium Ammonium Nitrate   Magnesium Nitrate   Zinc and Copper, IDHA chelated |
| Chemical formula | $\text{Ca}(\text{NO}_3)_2$   $\text{Mg}(\text{NO}_3)_2$   Zn-IDHA   Cu-IDHA   |
| Color            | Blueish flakes  |

### Chemical Composition

|                                 |                       |
|---------------------------------|-----------------------|
| Total Nitrogen (N)              | 13.2% w/w +/- 0.3%    |
| Nitric N (N-NO <sub>3</sub> )   | 12.8% w/w +/- 0.3%    |
| Ammonium N (N-NH <sub>4</sub> ) | 0.4% w/w +/- 0.1%     |
| Calcium Oxide (CaO)             | 16.4% w/w +/- 0.5%    |
| Magnesium Oxide (MgO)           | 5.9% w/w +/- 0.3%     |
| Copper (Cu), IDHA chelated      | 0.022% w/w +/- 0.005% |
| Zinc (Zn), IDHA chelated        | 0.18% w/w +/- 0.02%   |

### Physical Properties

|                     |                                |
|---------------------|--------------------------------|
| Density             | 0.9 +/- 0.05 g/cm <sup>3</sup> |
| pH                  | 6 - 7 (10% water solution)     |
| Water Insolubles    | < 0.01%                        |
| Conductivity (EC)   | 1.25 mS/cm (in 0.1% solution)  |
| Solubility in water | 2,2 kg/L (at 20°C)             |