



## AGB Humic Polyphos & Nitrogen + TE

### Description

**H**umic Polyphos and Nitrogen plus Trace Elements is a mixture of phosphorous protected from "fixation" and nitrogen coupled with essential trace elements chelated (protected) by the fulvic acid.

The high degree of soil phosphorous fixation (immobilization) is a great disaster to the nations' economy if the large amount of phosphatic fertilizers are literally buried as inert material into the soil. By applying the phosphates in an embedded form such as humus (humic acid) phosphate it will not only provide a highly efficient form of phosphorous but also, once the phosphorous is imparted and absorbed by the plant, the humus component is able to further strip off phosphate from the surfaces of the iron and aluminium hydroxides. In this manner the added humus (or humic acid) acts as a reservoir for the soil phosphorous and is able to absorb – and hold – and subsequently supply the plant with phosphorous nutrition. Therefore, phosphorous supplied in a humus (humic acid) matrix is not only a protector and a carrier for the phosphate added to the soil, it also becomes involved in the conversion of fixed phosphorous in the soil into plant available phosphates (mineralization).

### General Application Rates

- **Slight Deficiency:** As per recommendation.
- **Moderate Deficiency:** As per recommendation.
- **Severe Deficiency:** As per recommendation.

The application rates above are guidelines. Agrace always recommends consultation with your local agronomist to base the application rates on soil and plant tissue testing, paddock history, environmental factors, soil conditions, and crop type. For more information on these topics please see Agrace's brochure marked "Foliar Nutrients".

### Contact Details

Contact us on the information below to find out the closest rural store that stocks Agrace products.

**Manufactured by:** Agrace Pty Ltd  
35 Wattlepark Avenue, Moolap, Victoria 3221

**Telephone:** 1800 154 433  
**Facsimile:** 1800 154 332  
**Email:** service@agrace.com.au  
**Web:** www.agrace.com.au

### Constituents

#### Minimum Guaranteed Analysis

<b>Phosphorous (P)</b>	<b>10.0</b>	<b>% w/v</b>
<b>Nitrogen (N)</b>	<b>7.00</b>	<b>% w/v</b>
<b>Sulphur (S)</b>	<b>0.26</b>	<b>% w/v</b>
<b>Magnesium (Mg)</b>	<b>0.075</b>	<b>% w/v</b>
<b>Copper (Cu)</b>	<b>0.025</b>	<b>% w/v</b>
<b>Zinc (Zn)</b>	<b>0.025</b>	<b>% w/v</b>
<b>Manganese (Mn)</b>	<b>0.075</b>	<b>% w/v</b>
<b>Cobalt (Co)</b>	<b>0.012</b>	<b>% w/v</b>
<b>Molybdenum (Mo)</b>	<b>0.012</b>	<b>% w/v</b>
<b>Boron (B)</b>	<b>0.052</b>	<b>% w/v</b>
<b>Iron (Fe)</b>	<b>0.030</b>	<b>% w/v</b>

with humic acid, fulvic acid, binders, penetrants, surfactants.

### The Agrace Benefit

Agrace is at the forefront of research and development of chelated (protected) liquid nutrient fertilizers. The efficacy of foliar absorption of fertilizer elements is targeted to be optimized by binding agents assisting in rain fastness, penetrants to open increased number and area of pore sites, and surfactants to reduce surface tension of liquid droplets on plant surfaces. The formulations development is to prevent the greatest financial losses in fertilization, that is, the fixation of soil nutrients by adverse soil reactions. Agrace is committed in delivering quality products with high nutrient absorption and utilization for increased crop productivity and profit.

### Product Codes



20 Litre  
AGB0081

200 Litre  
AGB0080

1000L Litre  
AGB0079