

**Soil Conditioner for**  
Horticulture, Viticulture, Orchard, Turf,  
Pasture & Cropping

## Humus 400

**Contains:**

Lignite, Ligno-sulphates & cellulose material,  
*Lignites contain up to 80% Humic materials, + Fulvics*



Si	C	N	P	K	Ca	Mg	S	Fe	Zn	Mo
11.3%	58%	0.9%	0.4%	0.12%	16.9%	0.8%	0.15%	0.2%	176ppm	143ppm



**Designed to:**

- Increase nutrient holding capacity of soil (↑CEC)
- Increase water penetration in water repellent soils
- Holds up to 4x own weight in water
- Quickly activate Minerals, Lime, Gypsum, etc.
- Buffer toxic residues (e.g. Aluminium, and Sodium)
- Loosen compacted soils such as hard clays

**PART OF THE SOLUTION TO DECLINING PRODUCTIVITY**

Humus 400 is a blended preparation of Lignite, and Ligno-sulphates prepared for maximum Cation Exchange Capacity (CEC). Due in part to the high **Humic and Fulvic** content,

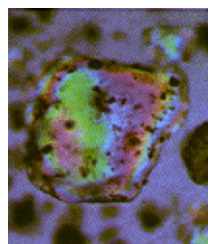
Humus 400 literally wraps its self around soil particles improving soil structurally, chemically and physically. Humus 400 tends to act as a glue holding light soils together (resulting in increased moisture retention), whilst loosening hard soils pushing particles apart to allow air and water percolation.

Humus 400 has exceptional nutrient holding / releasing capacity. In situations where soil nutrients are bound (for example by high reactive Iron, pH imbalance, Salinity, etc.)

Humus 400 tends to provide a stronger force or attraction, tearing nutrients away from there bound state, then holding them in the soil profile where they are naturally available for plant use.

“Soil humus (Organic Carbon) and the organisms that live in it, are critical to many soil processes. It allows high crop yields and reduced input costs simply by micro-activity in the soil. **Building soil humus (organic carbon) is the most important thing you can do to enhance long-term soil performance. It is the single most significant thing you can do to increase soil fertility.**”

Mel Lynch – North Coast Testing Service



General Application Rate 500Kg/Ha  
Best applied through multi-spreader, or Vicon spreader fitted with a lime agitator