Ag Compost Specification Sheet

Ag Compost is an excellent product to provide farmers with the essential nutrients that will allow them to reduce or eliminate the use of synthetic fertilisers. This will provide both an immediate return of investment based on nutrient content along with expected long term soil health benefits.

Ag Compost is manufactured according to AS4454-2012. Compost, Soil Conditioners and Mulches, as well as PAS100 requirements.

Ag Compost is supplied in bulk. CQ Compost can arrange transport or it can be arranged by a third party. Ag Compost can be applied to soil using spreaders and other standard agricultural machinery.

The benefits of applying Ag Compost to agricultural soil are numerous, such as:

- ☑ Source of N, P, K and trace elements
- ☑ High organic carbon content, increasing water and nutrient holding capacity
- ☑ Trace content of non-labile carbon
- ☑ Source of beneficial soil microbes
- ☑ Improve soil structure

Typical Ag Compost Specification

Nutrient/Parameter	Concentration
Organic Carbon (%)	25 – 35
Nitrogen (%)	1.5 – 2.0
Ammonium-N (ppm)	<50
Phosphorus (%)	0.3 – 0.6
Potassium (%)	1.0 – 2.0
Calcium (%)	1.5 – 3.5
Sulphur (%)	0.5 – 1.5
Magnesium (%)	0.4 – 0.6

Copper (ppm)	20 – 100
Zinc (ppm)	50 – 200
Manganese (ppm)	100 – 500
Iron (ppm)	5000 – 10,000
Boron (ppm)	20 – 70
Molybdenum (ppm)	1 – 5
Cobalt (ppm)	5 - 20
Silicon (ppm)	1,000 – 5,000
pH	7 – 8
EC (dS/cm)	3 – 10
Sodium (%)	<0.2
Wettability (minutes)	1 – 4
Particle sizing	Soil conditioner
Moisture (%)	30 – 40
Contaminants (glass, plastic etc.)	<0.005
Self heating (degrees Celsius)	<40

*Includes trace elements such as cobalt, copper, iron, manganese, molybdenum, silicon, zinc which are at varying concentrations.