

Builds soil humus and increases soil fertility



HydraHume[®]

LIQUID BIOSTIMULANT

A liquid solution of Potassium Humate providing a product suited to building soil humus and increasing soil fertility.

By directly contributing to humus development, **HydraHume[®]** increases the soil's water and nutrient holding capacity.

BioAg continues to utilise only high-grade raw materials to develop its product range. By choosing leonardite as the principal raw material, we deliver one of the richest sources of humic acid available.

The organic solution for building soil humus, that assists plant growth by:

- Building soil humus and carbon
- Retaining nutrients and moisture
- Increasing soil microbial activity and fertility

Soils deliver more with BioAg HydraHume[®]

Soil is a complex and, particularly under cultivation, rapidly changing environment responding to physical, environmental and chemical changes. Soil is more than a substrate for growing plants, it is a source of plant nutrients and a habitat for symbiotic soil microbiology.

Common farming practices deplete the levels of beneficial organisms in the soil.

Herbicides, fungicides, soluble fertilisers, cultivation, and variations in soil temperature and moisture are all harmful to beneficial microbiology. Microflora and microfauna serve as a 'digestive system' for plants and are vital for improving soil properties that benefit crops.

Using **HydraHume** is proven to increase soil microbiome activity enhancing one or more of the following critical roles in the soil – building soil humus and carbon, nutrient and water holding capacity, nutrient cycling and stability, improved water infiltration and aeration.

Physical properties

Potassium Humate	13.0% w/v
Total Potassium	>1.5% w/v
Organic Carbon	>1.5% w/v
Sodium	<0.5% w/v
pH	10.0

Better soils. Better crops. Better stock.



BioAg HydraHume® (Potassium Humate) directly contributes to humus development. It is an efficient promoter of plant growth and increased root mass, while also improving the effects of fertilisers.

HydraHume rapidly accelerates the microbial activity in soils, developing soil carbon and reducing nutrient lock up. BioAg's production process minimises the level of chlorides in *HydraHume*.

Proven in trials



The comprehensive BioAg website provides independent and replicated trial results proving *HydraHume's* ability to rectify and condition the soil, improve fertiliser use efficiency, and enhance yield.

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Application and storage instructions

HydraHume® Application

Boom spray, Fertigation or Aerial.
Use appropriate personal protective equipment and handling equipment.

Typical application rates

Direct application to soil 5 to 20L/ha.
Fertigation application 10 to 20L/ha.

Storage

- Store out of direct sunlight and below 30°C, away from children, animals, food and feed.
- Do not store mixed product.
- Shelf life of 18 months when stored per directions.

Mixing and spraying

- Agitate contents well before use.
- Fill tank to a minimum of two thirds of water.
- Add BioAg *HydraHume* under agitation, bring volume up to full.
- Before tank mixing, jar test all added nutrients for compatibility of use. Check for physical changes.
- Add other nutrients as prescribed under agitation.
- Use within 48 hours of dilution.
- Rinse tanks and sprayer and flush lines after use.

Distributor Information:



BioAg HydraHume® is a certified organic input



bioag.com.au

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To find out more visit our website or call a BioAg Area Manager

