

LignoTech USA 100 Grand Ave Rothschild, WI 54474 Tel: +1 715-359-6544 Fax: +1 715-355-3648 BorreGRO HA-2 Powder Spec. No.: A-656 Effective Date: Nov-25-1998 Revision Date: May-30-0-2006

# BorreGRO HA-2 Powder

### **Product Description**

BorreGRO HA-2 Powder is a conventional potassium humate for use in agricultural applications to enhance the nutrient uptake of plants.

CAS No. 88514-28-3 (Humic Acid - Potassium Salt)

#### **Sales Specifications**

	Minimum	Maximum	Test Method
pH (3% Solution)	8.0	10.0	QC-002
% Moisture		12.0	QC-015
% Humic Acid Content	80.0		QC-128 or Contract Lab

Only active customers are notified of specification changes.

## **Typical Analysis\***

Chemical Data		Physical Data	
Parameter	Unit	Parameter	Specification
рН	9.0	Color	Black
Total Nitrogen	0.4%	% Moisture	8.0%
Soluble Potash (K <sub>2</sub> O)	16.0%		
Total Sulfur (S)	0.4%		
Calcium (Ca)	2.2%		
Iron (Fe)	0.5%		
Carbon (C)	48.0%		
Oxygen (O)	26.0%		

\*The above analyses are not formal specifications and values may change.

#### Storage Stability:

Under dry conditions, powder products remain stable for several years.

#### Compatibility:

BorreGRO HA-2 is soluble over a pH range of 6.5 to 12.0. It is compatible with most commercially available alkaline fertilizers and pesticides. It is also compatible with most anionic and non-ionic materials. It should not be mixed with acidic materials. A jar test is recommended prior to mixing to confirm specific compatibility with actual materials to be used.

#### Packaging:

Powder products are packaged in 50 lb. net weight multi-wall kraft bags or non-returnable bulk bags.

#### Lead Time:

Four (4) weeks lead time is typical.

The information given here is based on our best knowledge and we believe it to be true and accurate. However, Borregaard LignoTech does not warrant or guarantee in any manner whatsoever, including the warranty of merchant-ability or fitness for the end user the accuracy of the information and procedures listed herein and will not be responsible for any damage resulting from their use.

Material Safety Data Sheets are available upon request.

Please contact your LignoTech Sales Representative for additional product information.

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