



PEAT BASED

POTASSIUM HUMATE

WATER SOLUBLE CRYSTALS

2-0-16

GUARANTEED ANALYSIS

Total Nitrogen (N)2.10%
2.10% Water Soluble Nitrogen
Soluble Potash (K₂O).....16.00%
 Derived from: Potassium hydroxide and lowland peat

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

Humic acids from lowland peat.....49.0%
Fulvic acids from lowland peat.....10.0%
 Product suitable for use in organic agriculture conforming to the annexes of NOP Regulation.

PRODUCT INFORMATION: Peat Based Potassium Humate is a peat-based potassium salt of humic and fulvic acid for increasing micronutrient uptake. Peat Based Potassium Humate is a completely soluble product that was designed to be mixed with water to produce a liquid humic concentrate. The resulting organic solution is compatible with all fertilizers and micronutrients.

DIRECTION FOR USE: Peat Based Potassium Humate can be applied to all crops including greenhouse and open field vegetables, horticultural fruit trees, cereals, potatoes, legumes, ornamental plants and tree nursery, turf grass and landscaping. Peat Based Potassium Humate can be used for foliar application, seed treatment, and UV protection. Application rates and frequencies are dependent upon soil and climate conditions present. The typical application rate is 1-1.8 pounds of Peat Based Potassium Humate per acre per application (up to 5 applications per growing season).

Peat Based Potassium Humate is best mixed under continuous, mild agitation or circulation and must be added to spray tanks slowly (poured not dumped). When the solution is thoroughly mixed beyond the disappearance of crystals, it is always good practice to probe the bottom of the vessel for any un-dissolved crystals prior to application. When tank mixing with other ingredients, always start with water. Peat Based Potassium Humate, followed by (In order): fertilizer, herbicide, fungicide, insecticides.

NOTICE! Peat Based Potassium Humate fully dissolves in water in 4-7 minutes (in water 20-50°C) due to a high concentration of fulvic acids, which takes more time to dissolve due to a more complex molecular chain.

Recommended Application Rates	
Soil	22-26 lbs/ha divided into several applications (2.2-4.4 lbs/ha) during the vegetation period
Foliar	0.44 lbs/26.4 gal water every two weeks during the vegetation period
Substrates	0.026-0.052 gal/m ³
Seed Treatment	0.01% solution (0.035 oz/2.64 gal water) as seed dressing according to thousand grain weight (T.G.W.)
Hydroponics	0.35-0.70 oz/26.4 gal nutrient solution during the cultivation cycle
* This are standard recomendations that can vary according to soil properties, cultivated crop and local system conditions	

MIXING INSTRUCTIONS

To prepare a solution for foliar application mix 0.5 – 1.0 oz (15-30 grams) of Peat Based Potassium Humate with 26 gallons (100 L) of water.

WARNING: Use only as directed

HEAVY METALS STATEMENT: Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions manufacturer makes no other express or implied warranty of merchantability or fitness for a particular purpose where permissible, it is the manufacturer's into limit any liability for special, consequential or incidental economic damages to refund of purchase price or replacement of the product, at buyer's choice. The manufacturer disclaims any liability for compensatory or other damages arising out of any use contrary to label directions. use contrary to label directions is not permitted.

LEGAL RIGHTS: THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS: YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE JURISDICTION TO STATE JURISDICTION



KEEP OUT OF REACH OF CHILDREN

WARNING

MAY BE HARMFUL IF SWALLOWED
 MAY CAUSE MILD SKIN IRRITATION
 MAY CAUSE EYE IRRITATION
 MAY CAUSE RESPIRATORY IRRITATION

PRECAUTIONARY STATEMENTS

PRECAUTIONARY STATEMENTS (PREVENTION)

Wash exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves. Avoid breathing dust/fumes/vapours. Use only outdoors or in a well-ventilated area.

FIRST AID

If Swallowed, the victim is alert and not convulsing, give one glass of water to dilute the material. Seek immediate medical attention. If on skin: Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before reuse. If in eyes Immediately flush with water for at least 20 minutes. Seek medical attention if irritation persists. If inhaled: Move victim to fresh air. Seek medical attention if irritation persists.

NET WEIGHT: 55 lbs (25 kg)

Manufactured and Guaranteed By:
 PEAT BASED LLC
 12-24 RIVER RD FAIR LAWN, NEW JERSEY 07410

sales@peat-based.com
www.peat-based.com

