



Farm Service
Center Co.

KH 2412

12% Humic Acid
TECH SHEET

GUARANTEED ANALYSIS:

Humic Acid.....12%
Weight Per Gallon.....9.05
Appearance..... Dark Brown to Black
Derived from Mined Leonardite Mineral Deposits

MANUFACTURED BY
KUGLER COMPANY • 209 West 3rd; PO Box 1748
McCook, NE 69001
308 -345 -2280
www.kuglercompany.com

CAUTION: KEEP OUT OF REACH OF CHILDREN. Do not get in eyes, on skin or on clothing. Wear goggles, face shield, or safety glasses and rubber gloves when handling. If eye exposure occurs get medical attention immediately. Harmful if swallowed. Avoid breathing vapor. Protect from freezing. Read entire label before using. Wash contaminated clothing before reuse.

TANK MIXING

Add ½ total water to tank
Turn on recirculation line.
Add prescribed amount of KH 2412
Add liquid flow able materials
Add any soluble powders.
Bring water to volume and re-circulate before spraying.

HUMUS is a term that dates back to early Roman Civilization. The importance of humus is not a recent discovery. Soil fertilization in early agricultural practices was based on the recycling of organic waste, and the addition of decomposed organic materials to improve plant growth. Only recently through modern science breakthroughs, has the ability been developed to accurately measure and identify the different components. Some of the components are listed under the term Humus. Humus has been referred to as “The most important source of human wealth on this planet”. It is a virtual storehouse of not only micro-nutrients, but also, holds the essential macro-nutrients nitrogen, phosphate, and potassium. The most and bio-chemically active group of the many decomposed products of soil organic matter, is the alkali soluble substance called:

PRODUCT INFORMATION:

KH 2412 is a highly concentrated form of organic Carbon derived from the highest most active quality humate source, Leonardite. Leonardite is mined in the Northwest corner of New Mexico and is considered to be one of the most active humate / humic acid sources available.
Not all products on the market under the name Humates are of this high quality. Because of KH 2412 molecular structure, it provides numerous benefits to crop production.

SOME BENEFITS OF KH 2412 ARE:

- Natural chelating and complexing agent to help magnify nutrient absorption.
- Contains and auxin-like growth stimulant that can enhance plant cell division and elongation.
- Can buffer the effects of excessive elements (particularly sodium), toxic chemicals and heavy metals.
- Non-toxic—microbe friendly
- Promotes seed germination
- Has an affinity for iron and can increase availability of this element in all soils.
- Will help to increase the CEC of the soil.
- It will increase the holding capacity or retention ability of the soil for holding water.

KH 2412 is not a fertilizer, but instead a compliment to fertilizer. Fertilizer is a nutrient source for both plants and micro flora. KH 2412 helps move these nutrients from the soil to the plant. Its benefits have been proven both experimentally and in the field.

PRODUCT APPLICATIONS:

KH 2412 can be applied to all crops, turf, trees, shrubs, houseplants and all soil types.
KH 2412 is compatible with most fertilizer and pesticide solutions.
Always jar test before tank mixing.

SOIL: Apply 1-2 gallons with sufficient water per acre. Broadcast directly onto the soil at pre-planting. For best results, incorporate into the top 1-2 inches.

ROW CROPS: Mix 1-2 quarts with a minimum of 5 gallons of water per acre.

TREES: Mix 2-4 quarts with minimum of 50 gallons of water per acre. Wet leaves both top and bottom. Repeat four times during growing season.

GARDENS/POTTED PLANTS: Mix 3 ounces per each gallon of water. Apply solution around root zone. Apply every two weeks.

GREENHOUSE: Use a 1% solution (2 quarts per 50 gallons of water) water over plants until soaked into ground. For hydroponics: use at 250 ppm.

TURF: Apply 3-6 ounces with 4-5 gallons of water per 1000 square feet.

HOUSEPLANTS: Apply 2 tablespoons per gallon of water. Water as normal around base of plant.

CONDITIONS OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose on this label when used in accordance with directions under normal conditions of use; but neither this warranty or any other warranty of merchantability of fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions not reasonably foreseeable to the seller; and buyer assumes the risk of any such use.