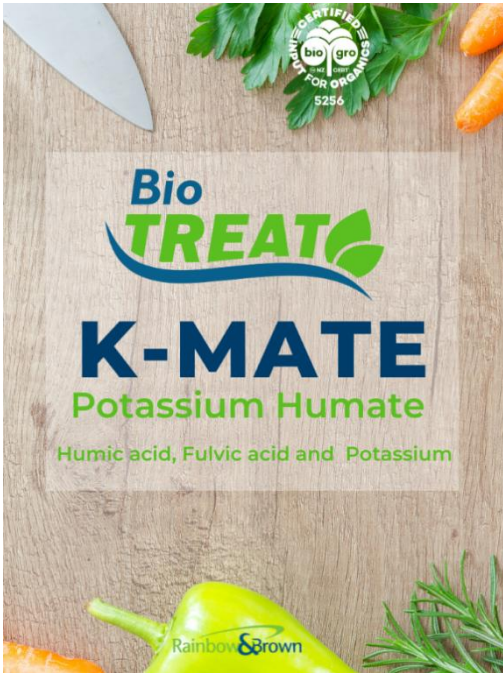




K-MATE – POTASSIUM HUMATE – SOLUBLE

Humic acid as Potassium humate, fulvic acid as fulvates and potash (Potassium).

100% soluble humic acid and fulvic acid as the potassium salt.

ALL ABOUT K-MATE POTASSIUM HUMATE?

K-Mate Potassium humate is an organic compound that has become increasingly popular in agriculture due to its numerous benefits. It is derived from natural humic substances that are present in soil and is an excellent source of nutrients and organic matter. When applied to pasture, potassium humate provides a range of benefits that can improve the health and productivity of the land.

K-Mate Potassium Humate is the potassium salt of humic acid. Frequently humic acid, potassium humate and humates are used interchangeably. K-Mate Potassium humate is made using alkaline extraction of Lignite Leonhardite. Our process goes further and makes our K-Mate Potassium Humate more soluble than many other companies' products. Because of the high solubility pasture and crops can take it in easily giving much better utilisation of all the goodies it contains.

One of the primary benefits of potassium humate is that it helps to improve soil structure. The humic acid found in potassium humate acts as a natural binding agent, helping to hold soil particles together and improve soil texture. This can be particularly beneficial for pasture, which can suffer from compaction and poor soil structure due to the grazing of animals.

K-Mate Potassium humate is also an excellent source of nutrients for plants. It contains a range of micronutrients, including iron, zinc, and manganese, as well as macronutrients such as nitrogen and phosphorus. These nutrients are vital for the growth and development of plants and can help to improve the quality and quantity of pasture yield.

In addition to improving soil structure and providing nutrients, potassium humate also helps to improve soil water retention. The humic acid in potassium humate has a high cation exchange capacity, which means it can attract and hold onto water molecules. This can be particularly beneficial in areas with low rainfall, as it can help to keep the soil moist and prevent water from evaporating too quickly.

When you get to the nitty-gritty K-Mate Potassium humate is a soluble organic potash fertiliser on steroids.

K-Mate Potassium humate (Humic acid) also contains fulvic acid, another naturally occurring soil acid and high levels of potassium, which are all found naturally in the soil but often need a boost.

WHY K-MATE POTASSIUM HUMATE (HUMIC ACID) IS SO EFFECTIVE

Organic soil acids normally found in the soil, like humic acid, fulvic acid and ulmic acid bind to the grass (or other plants) roots and help them take in water and other nutrients. As a result, where soils have high humic acid or potassium humate levels, the yield of plants increases dramatically.

Overall, the use of potassium humate on pasture can have numerous benefits for farmers and landowners. It can improve soil structure, provide nutrients, and improve water retention, all of which can help to increase the productivity and health of the land. By using potassium humate, farmers can improve the quality and quantity of their pasture yield, leading to increased profitability and sustainability in agriculture.



K-MATE POTASSIUM HUMATE

- Increases the chlorophyll density in plants.
- Approved by BioGro as an input. Input number 5256.
- Improves Cation Exchange Capacity (CEC) in soil.
- Improves a plant's ability to retain water.
- Microbial activity is promoted by using this retained water and providing a carbon source.
- Enhances the respiration of plant roots.
- Increases photosynthesis in the plant.
- Chelates well.
- Lock up detrimental aluminium in acidic soils. Aluminium is known to impede plant growth.
- Application as either a pre-dissolved liquid spray or sprinkled and raked into topsoil.
- Calcium retention is improved
- Increases available potassium in the soil and potassium absorption as it acts as organic potash.
- Will improve soil structure.
- Acts to retain then slowly release nitrogen and phosphorus for the grass or plants to utilise.
- Has good buffering properties.
- Provide the ability to reduce traditional fertiliser use.
- Cost-effective, providing higher yields.

APPLICATION OF K-MATE POTASSIUM HUMATE

K-Mate Potassium Humate (Humic Acid, fulvic acid, potassium) applied as a Liquid Solution

Use 1.5-3.0kg per hectare dissolved in water and apply at 200-500L of made-up humate solution per hectare. If possible, apply 3-4 times during the season.

K-Mate Potassium Humate can be mixed with a wide range of other products however please jar test prior before you make up your main spray. It can be mixed with urea solutions, UAN or Nitrosol Nitrogen Boost but we do not recommend applying it with herbicides or pesticides due to the potential for adverse reactions. We do not recommend mixing with low pH (acidic) products or products containing phosphates or calcium.

K-Mate Potassium Humate when applied as a granule/powder/flake.

Use 2-5kg per hectare if applying to the soil as a broadcast soil conditioner at around 5% of the total blend. e.g. for every 100kg of Urea, DAP or MAP use around 5kg K-Mate Potassium Humate.

Do not exceed 20kg per hectare when broadcast.



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Product Information Disclaimer

The information provided is supplied in good faith and believed to be accurate; however, users should always refer to the product label for the authoritative and legally binding instructions, as Rainbow & Brown is not responsible for any discrepancies or misuse.

