

FORTEHUM L/K, an auxiliary herbal product

Manufacturer: Humatex, a.s., ul. Důlní čp. 199, 418 01 Bílina

Registration decision number: 1806 (ÚKZÚZ – Central Institute for Supervising and Testing in Agriculture, Prague 5)

Chemical and physical properties:

Property	Value
Humidity in mass, % max.	80.0
Ashes in mass, % max.	10.0
pH value	8,5 to 10,5
Humic substances in mass, % min.	13.0
Density, kg/m ³	1110 to 1130
Filter impurities 0.5 mm in mass, % max.	1.0

The content of risk elements meets legal limits (mg/kg): cadmium 1,0; lead 10; mercury 1,0; arsenic 20; chromium 50.

FORTEHUM L/K – an auxiliary herbal product – contains biologically active humic and fulvic acids. These are collectively referred to as humic substances. FORTEHUM L/K is made of oxyhumolite (mouldered lignite). The humic and fulvic acids that are present in the original material were transformed into a solution through extraction using potassium hydroxide in an aqueous environment. FORTEHUM L/K is a brown-black liquid with a characteristic odor. Due to its content of biologically active humic substances, the product has a positive complex impact on both plants and soil, thus improving yield. It does not replace basic fertilization.

Extent and method of use

FORTEHUM L/K is used as a water solution for spraying leaves (foliar application) of agricultural, gardening and special crops, for soaking seeds and the roots of seedlings and for watering.

Foliar application is a basic method of use. Its efficiency is highest when applied in early stages of the plants' growth. The application has to be repeated at least twice, preferably three times, in a time frame of 10 to 14 days. The dose of FORTEHUM L/K for each application is 0.5 to 1.0 l/ha. The spraying liquid is prepared by diluting FORTEHUM L/K with an amount of water that is usually used to spray the individual crops. Usually it is 150 to 600 l/ha. The product can also be used along with pesticides and leaf fertilizer. Mixing with other substances should be consulted with their producers or distributors.

Soaking seeds and the roots of plants and watering: 5 ml of FORTEHUM L/K is added to 10 l of water. Seeds or the roots of seedlings have to be soaked for at least 2 hours, then they should be sowed out or planted. Watering with the FORTEHUM L/K solution (5 ml/10 l of water) is done after sowing or planting either area-wide or to individual plants. During the vegetation period, watering is repeated every 10 to 14 days. The watering dose should be 3 to 5 l/10m².

Safety and health protection instructions:

Keep out of the reach of children.

In case of contact with skin, wash immediately with plenty of water and seek medical advice.

After contact with skin, wash immediately with plenty of water and soap.

Wear protective gloves/protective clothing/eye/face protection.

Storage conditions

FORTEHUM L/K should be stored in dry ventilable storage areas, separated from food and feed materials. It can be stored in all types of storage tanks used for liquid fertilizers. When the temperature drops under –7°C. FORTEHUM L/K solidifies, when the temperature rises above the freezing point, it gradually and automatically turns into a solution without any efficiency loss. To ensure homogeneity, it is necessary to stir the product before use.

After the product is used up, the customer is obliged to recycle the package material at his or her own expenses.

After being diluted, the product is relatively harmless to bees.

Information on transport

Substance is not classified as dangerous for shipping.