

Made in Germany

LITHOvit 
UREA 50





TRIBOdyn Foliar Fertilizer

Highly effective for all field crops, grasslands,
fodder plants, intensive cultivation, horticulture and forestry

LITHOvit UREA 50 is a nutritious organic nitrogen fertilizer, a top-quality product created by a process of tribodynamic activation and micronization. Highly energized LITHOvit particles mixed with urea are sprayed finely onto the leaf surfaces, where they are taken up directly through the stomata. LITHOvit increases the photosynthesis rate, improves enzyme activity and brings about a general enhancement of metabolic activities. This results in increased yields combined with a reduced requirement for water, since with LITHOvit plants are able to keep their stomata closed longer when they are subjected to water stress. In addition, the micro-nutrients also present in the product and the trace elements that influence plant physiology such as manganese etc. increase overall vitality. The addition of 50 % urea enables LITHOvit to replace classic nitrogen foliar fertilizers to some extent and so make fertilization more efficient.

-  Improves crop yields, quality and storage properties
-  Accelerates growth and intensifies green coloration
-  Increases resistance, growth and vitality
-  Increases frost and drought tolerance and pest resistance
-  Enhances the supply of essential trace elements to the plants
-  Reduces the water requirement

Warning:

-  Do not overdose!
-  Store in dry place!

Net weight

LITHOvit UREA 50 – calcium carbonate from selected natural limestone with 50 % urea 46 – readily taken up by the plant.

37.5 % CaCO_3 calcium carbonate
2.5 % MgCO_3 magnesium carbonate
21.1 % N total nitrogen as carbamide
0.2 % Fe iron
0.01 % Mn manganese

For use as a foliar fertilizer on arable and pasture land as well as in green houses, forestry and horticulture.

Harmless to humans and animals, not hazardous to water.

Producer: TRIBOdyn AG, Breite Straße 54, D-37154 Northeim, Germany.

Instructions for use:

There are basically three different times at which LITHOvit can be applied:

- at the beginning of foliage,
- at the time of flowering and
- during the period when the fruit is growing.

LITHOvit may be used once or several times, at the most every 3–4 weeks, separately or in combination with a plant protection agent. Minimum dosage 1 kg/ha (0.3–0.5 % water suspension [300–500 g of LITHOvit per 100 l of water]). A pH of 6–10 must be strictly adhered to in the spray mixture. It can be applied using any agriculture sprayer with agitation or hand operated sprayer.

Recommended applications:

Grain: 2 applications – the first when (2) 3–5 tillers have appeared (with winter grain always in late autumn), the second after appearance of the last leaf.

Rice: 2, max. 3 applications – at 21–28 day intervals, starting 15 days after sowing.

Soybean: 2 applications – the first on leaves at the 9th/10th node, the second at nine or more side shoots.

Potatoes: 2 applications – 15 days after first foliage and again after a further 21 days.

Sugar beet: 2 applications – the first between the 4th and 6th leaf and again 3–4 weeks later.

Maize: 2 applications – the first between the 4th and 6th leaf, the second at 10th leaf.

Oil-seed rape: 2 applications – winter rape in the late autumn (after two-leaf stage), winter and summer rape between the 6th and 8th leaf in early spring, summer rape before flowering.

Salad crops & vegetables: 2 applications – the first at bedding out, the second 28 days later.

Vine: 2 applications – the first at flowering and the second on development of the first bunch of grapes.

Tomatoes: 3, max. 4 applications – at 28-day intervals, starting with the second leaf or on bedding out.

Fruit farming / Ornamental woody plants: 2, max. 3 applications – at 28 day intervals, starting approx. 15 days after the first foliage.

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