

PRODUCT SHEET

AGENT

ENERGEN FULHUM PLUS

CONTENT

Humic substances and their salts in % min.
Dry substance in % min.
pH 8 to 10.

8 %
20 %



ENERGEN FULHUM is a modified aqueous solution of substance salts obtained by the original decomposition of technical lignosulfonate. **Individual components of this raw material have different effects on the plant physiology.**

BASIC EFFECTS - dose from 0.5 to 0.7 litre/ha:

- **Promotes the formation of fine root hairs.** Consequently, it enhances the exploitation of moisture and nutrition.
- **Stimulates growth and yield.** In particular, by promoting the flow of metabolites into seeds and fruit.
- **Increases the seed size.** Especially, with good supplies of nutrients.
- It positively affects the content of N in the grain of bread wheat.

SPECIAL EFFECTS - dose from 0.3 to 0.5 litre/ha:

- **Increases germination energy and considerably affects the speed and quality of germination.** Enables steady emergence of plant stands, and increases the rate of photosynthesis in germinating plants. When applied to seeds, it eliminates inhibitory effects of mordants.
- **Adaptogenic effect**
 - **Cold** – Allows treated plants to tolerate temperatures by 2 to 3°C lower, if compared to control plants.
 - **Drought** – Helps retain 15 to 30% more water in plants for a period of 4 to 6 weeks.
 - **Salinity** – Promotes plant growth in salt substratum.
 - **Tolerance threshold** – Increases the disease tolerance threshold.
- **Increases the content of reserve substances** (starch, sugar in sugar beet and in grapevine and fruit)
- **Increases the content of active substances** in plants (**alpha-bitter acids in hop, active substances in healing herbs**).

MAIN PURPOSE

- **Universally applicable to all crops throughout the growth.**
- **For arid areas with little or insufficient rainfall.**



SUPPLEMENTARY AND SPECIAL PURPOSE

- **Damage recovery:** after chemical, mechanical and frost damage to plant stands.
- **Broad-leaved and needle-leaved trees, lawns:** throughout the growth.
- **Mixing with herbicides is not recommended,** as strong stimulating effect recovers weeds.

CROPS

Main crops: cereals – wheat, barley, maize, rye, oat, triticale, rape, mustard, poppy, potatoes, sugar beet, grapevine, sunflower, strawberry

Special crops: soya, pea, lentil, onion, garlic, cauliflower, kohlrabi, all kinds of lettuces, cabbages, melons, cucumbers, pumpkins, capsicums, tomatoes, fruit trees, small fruit, broad-leaved and needle-leaved trees in ornamental and orchard nurseries, lawns

SPECIAL APPLICATION – SEEDS AND PLANTING STOCK

- “Under heel” application on sowing together with nutrition in a dose of 1 l/ha
- Treating seeds and planting stock before sowing (cereals, rape, poppy – seeds generally 2 to 5 litres/t of seed) Planting (potatoes – 2 to 3 l /t of planting stock)

PRODUCER:

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