

TIOSOL Foliar Fertilizer – Natural Calcium, Sulfur, and Boron Supplementation

Packaging: 20 l / container

Composition: Boric acid, calcium polysulfide, water

Manufacturer: Tiosol Kft. – 6760 Kistelek, Tanya utca 327.

TIOSOL foliar fertilizer is a year-round applicable product approved for use in organic farming, providing an effective solution for the prevention and correction of calcium, sulfur, and boron deficiencies. Thanks to its unique composition, it simultaneously supports plant nutrition, plant health, and stress resistance.

Due to its calcium polysulfide and boron content, TIOSOL acts as a rapidly absorbed yet long-lasting foliar fertilizer.

What Problems Is TIOSOL Recommended For?

TIOSOL provides effective support in the following cases:

- Fruit quality deterioration caused by calcium deficiency
- Weak growth caused by sulfur deficiency
- Poor flowering and fruit set caused by boron deficiency
- Reduced plant resistance
- Frequent fungal and bacterial infections
- Stress conditions such as heat, drought, and cold

Regular use improves crop quantity, quality, and storage life.

Unique Mode of Action

After spraying, TIOSOL:

- breaks down into calcium ions and elemental sulfur
- allows calcium to be rapidly absorbed into the leaves
- provides gradual sulfur release
- ensures long-lasting protection

This combined mechanism functions both as a nutrient source and as a natural plant-strengthening solution.

Natural Plant Protection and Biostimulant Effect

As a biostimulant, TIOSOL:

- strengthens the plant's natural defense system
- supports resistance against diseases
- helps reduce pest damage
- improves the overall condition of crops

It provides effective support against aphids, mites, scale insects, leafhoppers, and other sucking and chewing pests, while also helping prevent most fungal diseases.

Exception: downy mildew in grapevine.

Preventive Protection – Ideal for Dormant Sprays

TIOSOL is particularly effective as a preventive treatment and is highly suitable for:

- autumn and spring dormant spraying programs
- use as an adjuvant alongside other products
- protection against overwintering pests

Its sulfur content helps inhibit the establishment and reproduction of harmful organisms.

Application Recommendations

General Dosage

- 0.2–0.3 liters per 10 liters of water
- 2–3% concentration
- Repeat at intervals of no less than 3 weeks

Crop-Specific Dosages

Field Crops and Vegetables

5–15 l/ha

Vineyards and Fruit Orchards

10–20 l/ha

Berry crops: 5–15 l/ha

Seed Treatment

0.2 l + 10 l water

1–10 minutes treatment time

Bulb Treatment (garlic, dahlia, calla lily)

Excellent protection against soil-borne diseases.

Spraying Conditions

Spraying is not recommended:

- below 15 °C
- above 25 °C

Preferably use:

- rainwater
- soft water

Hard water may reduce effectiveness.

Important Usage Information

For maximum effectiveness, complete coverage is required.

In case of rainfall within 24 hours after application, the treatment should be repeated.

The pre-harvest interval is generally: 0 days.

Storage Recommendations

- Store in a cool, dry, frost-free place
- Protect from direct sunlight
- Keep in a well-ventilated environment

For long-term storage, covering the surface with paraffin oil is recommended to prevent oxidation.

Why Choose TIOSOL Foliar Fertilizer?

- Approved for organic farming
- Complex calcium–sulfur–boron supplementation
- Natural plant protection support
- Improves crop quality
- Enhances stress tolerance
- Economical to use
-