

Spring care for wheat and barley

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The deficiency of micro- and macroelements in wheat and barley during the spring-summer vegetation period leads to lower yields with deteriorated quality. Crop growth slows down and plants lag significantly in their development.

The deficiency of manganese, zinc and copper occurs under the same conditions: humus-rich, sandy, loose soils, high pH value, drought or cold and moisture.

The lack of manganese is manifested by yellow colouring of the leaves, black spots on the leaf, light green veins between the main arteries, and deterioration of quality.

Zinc deficiency is manifested by chlorotic stripes, orange colouring, stunted growth, and small leaves.

Copper deficiency is expressed by a twisted flag leaf and twisted younger leaves, spiral-shaped and drooping leaf tips, (partially) empty buds/ears, poor grain formation, and stunted plants.

Balanced nutrition of wheat and barley must include foliar fertilization with the necessary microelements in an assimilable form, as well as macroelements in quantities sufficient to activate metabolic processes.

In the 2018 farming season as well, wheat and barley producers will be able to rely on the team and products of Lebosol Bulgaria – the specialist in foliar nutrition.

What does the company's portfolio offer?

The product **Cereal Mix SC** is a liquid mixture of microelements with copper, manganese, zinc and magnesium. It is applied at a rate between 150 and 200 ml/ha, and as a result after treatment you can expect higher yield potential, healthier plants, supply of the necessary microelements and increased protein content.

Another option is fertilization with **QuadroS SC** – a liquid mixture of microelements with copper (Cu), manganese (Mn), zinc (Zn) and sulphur (S). Applied foliarly at a rate between 75 and 150 ml/ha, it ensures the supply of sulphur to the plants so that the basic fertilizers are utilized, and as a result you will enjoy healthy plants and good, high-quality yields.

In caring for cereal crops you can also rely on another product of Lebosol – **Triple SC**. It contains copper, manganese and zinc, with an emphasis on manganese. It is applied at a rate of 75 to 100 ml/ha. Another alternative is treatment with **TriMax SC** – a liquid mixture of microelements with copper, manganese and zinc, with maximum content of the three elements. At a rate between 100 and 150 ml/ha, the product contributes to stable yield, high-quality grain and high protein content.

All of the above-mentioned products are applied from the tillering stage to the beginning of stem elongation.

At the heading stage, Lebosol Bulgaria offers several highly effective solutions: **Ammonium TS 200** – a nitrogen fertilizer solution with sulphur. It is applied at a rate of 300 to 500 ml/ha. **VITALoSol Gold CK** is a liquid mixture of microelements with copper (Cu), manganese (Mn) and a high sulphur (S) content. Applied at a rate of 150 to 300 ml/ha, it increases yield and product quality. With **Nutriplan 36**, at a rate of 500 ml per hectare, you can improve the baking quality parameters of wheat and the protein content.

Ensure predictable results during the 2018 spring campaign and rely on the product range of Lebosol Bulgaria and the expert opinion of its specialists.