

MV SUPARY

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The Marton Genetics Group won the 2021 award given by the Ministry of Agriculture for establishing and increasing the efficiency of arable crop production through ecological innovation and the treatment of seeds with biologically active substances.

A novel, and now award-winning, project in field crop agronomy specifically aimed at improving soil nutrient management was introduced to the seed market by MARTON GENETICS in autumn 2020. Our aim was to further enhance the utility and safety of the Martonvásár maize and winter cereal seeds, with their excellent adaptation and stress tolerance genetic background, by applying the product as a seed coating and supplement to the seed dressing, and in the soil at the time of sowing, where it exerts its effect. A special spore-building bacterial fertilizer, Mv SUPARY has already proven its worth, but the novel, truly innovative step is that Marton Genetics has made it available to everyone, and we plan to continue to do so year after year!

Considering environmental and all other aspects, most growers choose propagating materials with complex seed dressing, given that the programme effectively mobilises minerals that can be absorbed by the plants, removes pathogens from the root zone, and thereby improves absolute drought and stress tolerance in the crop. In effect, we are supplementing the usual seed dressing agents with highly resistant strains of bacteria that form endospores, survive drought, resist high temperatures and extreme pH, feed on stem residues, break down chitin and repel plant pathogens. The use of the product is particularly recommended in drought periods.

By optimising nutrient management and mitigating drought damage alike, farmers who have sown/are sowing Marton Genetics Group's Mv Supary sealed seeds will benefit from another game-changing agricultural solution from Martonvásár, making production safer and farmers' lives a little easier.

Starting in 2022, not only the most sought-after hybrids and varieties from Martonvásár will receive a combined seed treatment, but also new products coming onto the market, so that more people can experience the cost-effective benefits of bacterial fertilisation, combined with the yield security provided by high-quality seeds.

WHAT WE EXPECT FROM SOIL BACTERIA

- Bacterial activity improves soil structure, water balance and aeration.
- Nitrogen fixation, nutrient uptake.
- Increases the nutrient supply capacity of soils through the decomposition of organic matter.
- By increasing the root surface, drought tolerance is improved and the nutrients applied are better utilised.
- It crowds out other harmful microorganisms by occupying living space.
- Stimulates the plant's immune system (induced systemic resistance).

**A TECHNOLOGY RECOGNISED
WITH AN AGRICULTURAL
INNOVATION AWARD**

