



30 years
research
and development

7 mio. ha
worldwide

from the plant for the plant



rootac®

i promotes high performance
and quality through:

- activation of plant health (higher stress tolerance e. g. when using herbicides)
- stimulation of root and plant growth (increases the absorption capacity of water and nutrients)
- intensified flower formation
- stimulation of metabolic processes
- higher sugar and starch content
- regular gradation, uniformity of the fruits
- longer shelf life of perishable products such as vegetables and fruits

Most development processes in plants are triggered and regulated by “messengers” – these are substances that are effective in very small amounts. These messengers have as well an outstanding importance in the reaction chain of plants, signaling environmental change and climatic influences. They occur in large numbers and have specific functions. In their entirety, these messenger substances form a kind of chemical language for plants.

rootac® was developed to strengthen the growth of agricultural crops and to protect yields against stress factors. Such stress factors are, for example, drought, heat or cold, but above all the necessary plant protection measures. It is a matter of activating the plant’s own defence mechanisms, like a vaccination.

At the same time, **rootac®** promotes the soil organisms and ensures more activity. Worldwide, **rootac®** is used annually on more than 7 million hectares in the cultivation of cereals, corn, legumes, vegetables and fruit as well as in special crops.

Natural and sustainable

rootac® is a pure, standardised and patented plant strengthener made from natural, plant-based active ingredients whose mechanism of action has been scientifically proven. The plant absorbs the active ingredients through the leaves and soil.

The application rates are very low, e. g. 100 g per ha are applied by sprayer.

It has the great advantage, that it is **not under the Fertiliser Regulation.**

Included in the list of plant strengtheners at the Federal Office of Consumer Protection and Food Safety (BVL Germany 00A473-00/00).



☒ **FIBL-listed**

listed as suitable for organic farming in Germany on the list of operating resources published by FiBL (= Research Institute of Organic Agriculture in Germany)