



## Plant enhanced biostimulant

Fully natural and soluble chelating agent, supplemented with selected rhizobacteria. This biostimulant improves abiotic stress tolerance and crop stand.

The chelating agent in MooR is derived from nature without the use of chemicals and is sold in pure form under the name Fulvic 25. The bacterial content exists of multiple strains per species. These bacteria have vital functions in the plant rhizosphere.

Root development is stimulated due to application of MooR, which results in efficient use of water and nitrogen. Natural fulvics in combination with special bacteria improves the availability of phosphates due to specific enzyme productions. In addition ensures fulvics in combination of siderophore production for improved iron availability. Availability of (trace) elements improves the nutritional value of crops for feed and food products. Another important effect is the increased dry matter content and the productions of starches and sugars.

On crops, MooR stimulates several enzymatic (SOD, POD, CAT) processes within plants. Stimulation of these enzymes result in increased stomatal gas exchange possibilities and increased chlorophyll content. Which enhances the tolerance to abiotic stress and increases plant quality.



### PRODUCT BENEFITS

- Improves the rhizosphere
- Increased root development
- Chelates trace elements
- Efficient use of plant nutrients
- Enhanced photosynthesis
- Increased chlorophyll content
- Increased abiotic stress tolerance
- Enhanced starch and sugar production

### USE IN COMBINATION WITH OTHER (PHC) PRODUCTS

MooR may be used in combination with all PHC fertilizers, PHC mycorrhiza products and PHC plant enhancers. PHC mycorrhiza products give beneficial synergistic effects in combined application with MooR.

#### Packaging, transport & storage

MooR is supplied in 20 liter jerrycans or 1000 liter IBC. The product attracts moisture and must be stored in a dry, frost-free place, away from direct sunlight.

Shelf life: 18 months.

#### Health and safety information

Not intended for ingestion. Wash hands after use. In the case of an accident or if you feel unwell, consult a doctor. KEEP OUT OF REACH OF CHILDREN.

#### Product licences

MooR is an organic biostimulant and is approved for use in organic farming in accordance with EU regulation 834/2007, COR and NOP. Approved input by Kiwa Sverige AB. CFIA registration no. 2018111A. Check current listings also on [inputs.bio](http://inputs.bio), [inputs.eu](http://inputs.eu), [krav.se](http://krav.se).



## We Grow Soil.

## INGREDIENTS

Rhizobacteria	2 %
Drinking water extract	98 %

## DOSAGE

Field application	50 l/ha
Row application	40 l/ha

GUARANTEED  
ANALYSIS

Bacillus amyloliquefaciens	7.5x10 <sup>6</sup> _CFU/ml
Bacillus pumilus	2.5x10 <sup>6</sup> _CFU/ml
Bacillus subtilis	5.0x10 <sup>6</sup> _CFU/ml
Bacillus licheniformis	1.25x10 <sup>7</sup> _CFU/ml
Azotobacter chroococcum	1.25x10 <sup>7</sup> _CFU/ml
Fulvic acids	15.8 %
Fe	96 mg/kg

## PROPERTIES

pH	8.3
CEC	94 - 185
Density	1.1 kg/l
Solubility	100 %
Organic matter	6.2 %
Dry matter	19.2 %

## ADDITIONAL INFORMATION

Combined application with other products is possible. MooR is free of heavy metals and residues. PHC can perform mycorrhiza analyses to determine the current condition of your soil and colonization degree. Different doses may apply for the recovery of fields in poor (bio-) condition. Consult your product representative for tailor made advice. As with all organic materials, the analysis may vary as much as 15%.

## WARRANTY

Plant Health Cure sells the product MooR. Follow the instructions on the packaging closely for use. We cannot guarantee suitability of the product outside the originally intended application. Plant Health Cure is only obliged to replace products that do not meet the specifications. Suggestions for use and information about results after use of the product - obtained from the manufacturer - can be considered reliable. As Plant Health Cure cannot exercise any control over the conditions of use, the buyer/user is responsible for all results, including injury or damage resulting from the use of this product alone or in combination with other materials. Keep out of reach of children. The most recent version of the data sheet is always available on [www.phc.eu/en](http://www.phc.eu/en).