Contains 97% glycine betaine, which has been extracted from sugar beet. Glycine betaine is an osmolytic compound, which helps to maintain the plant cell turgor in stress conditions. Thereby glycine betaine improves the plant’s tolerance to different stress conditions, i.e. cold, heat, drought and salinity. It also enhances the plant’s photosynthesis and reduces light respiration. Glycine betaine has successfully been used worldwide on a wide range of plants during the last two decades. After spraying, Greenstim is taken up via the epithelium and translocated throughout the plant within 12 hours. The effect of glycine betaine lasts for 2–4 weeks dependant on stress levels. Can be used together with fertilizers and microbial products. Trails have shown that irrigation can be reduced up to 50% by using Greenstim.
Greenstim as an osmoprotectant

Osmotic stress

no Greenstim

Increased salt levels
- Turgor pressure negative
- Metabolic rate reduced

Salts
- Turgor pressure positive
- Metabolic rate normal

Water

Greenstim

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