



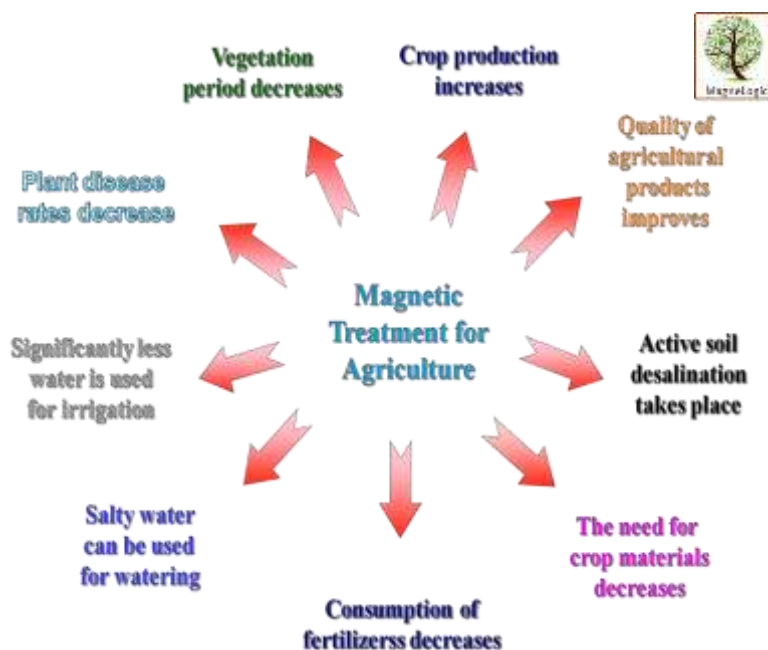
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## The effects of Magnetic Water within Agri & Horticulture

Many written scientific works of biologists and biophysics describe the effect of magnetic fields on plants.

Based on these works, the scientists of MagneLogic™ came up with a method of magneto-hydro dynamical activation of natural waters and devices used for this method. This method is an essential part in the whole complex of using magnetic fields in agriculture. It includes physical-chemical changes of natural water parameters, resulting in improvement of filtration properties and in an increase of dissolving properties of water. These changes result in an increased ability of soil to get rid of salts and results in a better assimilation of nutrients and fertilizer in plants during the vegetation period.

It is known that plants and trees need mineral salts and microelements from the soil to function and photosynthesize properly. However, plants do not use the majority of nutrients that are in soil.



While watering plants with normal water, only a small amount of nutritional elements dissolves in the soil and becomes available to the plants. Further consumption of these nutrients from the soil is very rare when plants start to grow and a larger amount of nutrients is required, the deficit of microelements results in low numbers of crop. The deficit of micro-elements and nutrients in the soil is the main reason for a decreased growth rate and low crop. That is the reason to why magnetic water should be used for irrigation.

Magnetism surrounds us in our everyday lives. It is the earth's natural defence mechanism to the extremes of the sun and outer space bombardments of numerous types of cosmic rays. On earth Magnetism is the natural enhancement agent of our most precious resource water, constantly realigning the molecular structure after interferences and recycling since the world began. But not only the flowing water we drink and irrigate with, but also within our bodies of all living creatures.

MagneLogic™ and our scientists understand this process and enhance and target the process to the benefit us humans, livestock and of our environment and the needs of the water resource industry.

Saham Global looks forward to advise farmers how our expertise can benefit their specific situation.