

**Agri-green** is part of the Israeli Company **Kedar GAP**, established in 2013 with an aim of providing integrated sustainable agricultural solutions to the growing demand for food in Kenya and Africa.



## WHAT WE DO

We offer specialized solutions for individual growers, private sectors, NGO's & governments in extreme conditions. Including:

● Professional design and implementation of turnkey agricultural projects.

● MycoApply – Mycorrhizal biological that:

- Extends root mass by 100 to 1000 times.
- Unlocking unavailable nutrients from the soil
- Increase plant health and yields

● Senninger -Top quality low pressure sprinklers; long lasting & uniform water distribution.

● Specialized plant nutrition solutions

● Polysulphate – Specialized organic slow release fertilizer. Supplies Ca, Mg, K, S

**ALVÁTECH** is a uniquely developed technology that reduces soil salinity and transforms saline water into **ACTIVE WATER®**. The eco-friendly treatment impacts water molecule behaviour and causes water molecules to vibrate, preventing formation of salt crystals which can harm the plants. The salt molecules in the soil breakdown and are washed away relieving the plant from salinity challenges. Treated **ACTIVE WATER®** penetrates soil easily improving soil capillarity and permeability. ALVATECH slows down water flow and avails it efficiently to the crop hence low water usage.



## Advantages

- Reduces soil salinity (by up to 50%).
- Improves soil's permeability & quality.
- Reduces irrigation water consumption (by up to 20%)
- Low energy consumption, with solar power option.
- Reduces clogging/blocking of irrigation systems.
- Enhance root development and overall productivity of crops.
- Chemical free & Eco-friendly

Before - low growth patches



After - even and healthier crops



## Models' capacity

ALVA5 - 5 m <sup>3</sup> per/hour
ALVA25 - 25 m <sup>3</sup> per/hour
ALVA50 - 50 m <sup>3</sup> per/hour
ALVA100 - 100 m <sup>3</sup> per/hour
ALVA150 - 150 m <sup>3</sup> per/hour
ALVA MEGA - 500 m <sup>3</sup> per/hour