



Current fertigation systems stress the plants and cause over 50% fertilizer waste

Fertigation is the technique of supplying fertilizer to crops through an irrigation system. Precise timing and rate of fertilizer are applied to crops, which is not possible in the conventional method of fertilization (FAO 2021).

NESS FERTIGATION SOLUTION

- ✓ changes in the application of fertilizers to plants
- ✓ 30-70% increase in yield of fruits and vegetables, compared to current fertigation systems in Israel
- ✓ 50-400% increase in farmer's profit

Our system includes a mixing process for perfect blending of water and fertilizers before going through drip irrigation lines.

Our own algorithms are at the heart of our technology as they analyze data from soil sensors for determining the ratio of fertilizers to be used in the water during fertigation periods.

Automation is part of our innovation and supports the decision-making process regarding the amount of fertilizers usage. NESS Fertigation specialists do this, freeing farmers and growers from this task.

NESS SERVICES

- ✓ On-site system installation and maintenance
- ✓ Data monitoring and control by NESS specialists
- ✓ Real-time adjustments of fertilizer amounts

BENEFITS

- Increased fertilizer absorption
- Matching fertilization with crop needs
- Farmers and growers save time, resources, and effort.
- Farmers and growers' profit increase as they get more yields
- Sustainable as it prevents fertilizer leakage, thus decreasing soil pollution

More information on <https://nessfertigation.com/>

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