

Hydroponics



In the cultivation of leafy greens on water in greenhouses, the water reservoir is a crucial component of the hydroponic system. Genap's membrane trays offer a reliable and efficient solution for the optimal cultivation of leafy vegetables.

Our reservoirs:

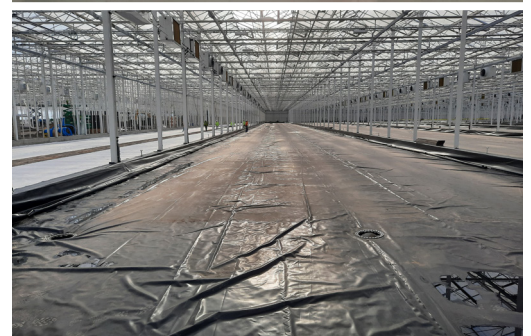
- Are made from UV-resistant liner that does not release harmful substances into the water.
- Are tailored to the system's scale, ensuring sufficient water availability for cultivation.
- Are easily accessible for inspection, cleaning, water replacement, and nutrient addition.
- Have an effective system to maintain the oxygen level in the water.
- Have a strong construction to withstand the constant load of the water weight.
- Have a long lifespan and remain completely watertight and leak-free.

Construction of the reservoir

To meet all requirements and create an optimal growth environment, the trays are custom-made. The installation includes:

- A protective geotextile on the bottom and sides of the tray.
- A waterproof and UV-resistant liner.
- Inlet and outlet drains for water supply and removal.
- Drain-throughs for efficient drainage.
- Stainless steel strips for secure fastening, stability, and durability of the construction.

With these reservoirs, hydroponic growers can create the best conditions for the healthy growth and development of leafy greens.



✓ Easy to install

✓ Includes system for water supply and removal

✓ UV-resistant and completely watertight

Would you like more information?

Go to [genap.com](https://www.genap.com) or contact us directly to discuss the options.

