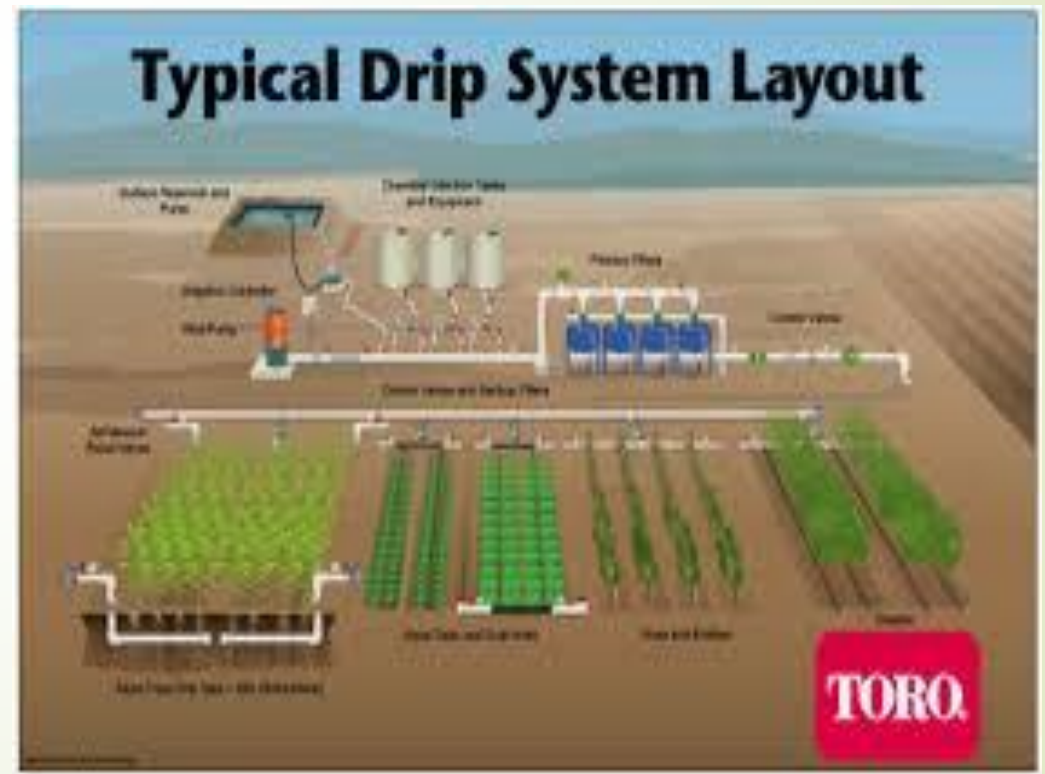




Water saving irrigation technologies

My specialty is water-saving irrigation technologies. A number of irrigation technologies are being studied in this area. For example, drip irrigation, sprinkler irrigation, subirrigation and more.

Sub-Surface Irrigation Methods: The water is applied below the ground surface so that it is supplied directly to the root zone of the plants.



Currently, a lot of work is underway to apply cost-effective technologies in irrigated agriculture. Under the new program, by 2030, 40% of irrigated land will be converted to irrigation using water-saving technologies. These technologies can significantly reduce wastewater.

METHODS OF IRRIGATION

- ▶ **Surface Irrigation Methods:** The water is applied by spreading in it sheets or small streams on the land to be irrigated.



With drip irrigation, the roots of the plant are irrigated. At the same time, water loss will be reduced by 90%. In our country there are companies such as Netafim, Agrodrip, which produce such a system.



Drip Irrigation Vs Sprinkler: Top Comparison

