

# Template: Water Conservation Techniques Checklist for Cannabis Farming

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Based on Article: "Water Conservation Techniques for Eco-Friendly Cannabis Farming"

Website: <https://theseedconnect.com>

A practical checklist to guide cannabis growers in implementing water conservation techniques for more sustainable cultivation.

## Checklist Items:

- 1. Measure Grow Area and Canopy Size**  
Use a tape measure or laser measure to accurately record the total square meters of your grow area and canopy dimensions.  
Reference Section: What You'll Need (Prerequisites)
- 2. Assess Seasonal Water Limits**  
Identify local regulations and seasonal restrictions on water usage to understand your project's water availability.  
Reference Section: What You'll Need (Prerequisites)
- 3. Document Existing Irrigation Equipment**  
Inventory your current irrigation system, measuring flow rates and noting controller models, valve sizes, and pump specifications.  
Reference Section: What You'll Need (Prerequisites)
- 4. Select the Right Irrigation System**  
Match your irrigation system to available water pressure and flow; consider drip systems with pressure regulation for municipal supplies.  
Reference Section: Step-by-Step Irrigation Techniques (Core How-To)
- 5. Install and Calibrate Drip or Micro-Irrigation**  
Map out the irrigation lines, install necessary filtration and pressure regulators, and conduct a uniformity test by measuring water output across pots.  
Reference Section: Step-by-Step Irrigation Techniques (Core How-To)
- 6. Implement Smart Scheduling for Watering**  
Use reference evapotranspiration data to determine irrigation schedules and set soil moisture targets that optimize water use.  
Reference Section: Step-by-Step Irrigation Techniques (Core How-To)
- 7. Evaluate Soil and Mulching Strategies**  
Select appropriate soil mixtures and apply mulching techniques to improve moisture retention and reduce evaporation.  
Reference Section: Soil, Substrate and Mulching Strategies
- 8. Utilize Rainwater Harvesting**  
Set up systems to collect and store rainwater to supplement irrigation during dry seasons.  
Reference Section: Quickly compare common water sources

## 9. Monitor Water Quality and Usage

Regularly test water for pH and nutrient levels to ensure optimal plant health and reduce water waste.

Reference Section: Monitoring Outcomes and Measuring Success