

# Template: Sustainable Cannabis Cultivation Checklist

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Based on Article: "Creating a Sustainable Cannabis Cultivation Plan: A Step-by-Step Approach"

A practical checklist to guide the development of a sustainable cannabis cultivation plan focusing on resource efficiency, soil health, and operational protocols.

## Checklist Items:

- 1. Audit Energy, Water, and Waste Streams**  
Conduct an audit of current energy consumption (kWh/kg), water usage (liters/g), and waste disposal routes to identify inefficiencies and improvement areas.  
Reference Section: Foundations: Principles of Sustainable Cannabis Cultivation
- 2. Set SMART Sustainability Goals**  
Define Specific, Measurable, Achievable, Relevant, and Time-bound targets based on your audit results to track your path towards sustainability.  
Reference Section: Foundations: Principles of Sustainable Cannabis Cultivation
- 3. Select Site and Assess Soil Health**  
Choose a cultivation site that optimizes solar exposure and natural drainage. Conduct soil tests to analyze pH, organic matter, and nutrient levels, and make remediation plans as needed.  
Reference Section: Site Selection and Soil Health: Building from the Ground Up
- 4. Implement Resource Efficiency Practices**  
Upgrade to energy-efficient lighting (e.g., LEDs) and optimize irrigation systems to minimize resource use and maximize efficiency.  
Reference Section: Foundations: Principles of Sustainable Cannabis Cultivation
- 5. Create Living Soil for Healthy Crops**  
Develop a living soil mix with high-quality compost, aged manure, and aeration components. Maintain soil health through regular compost top-dressing and cover cropping.  
Reference Section: Site Selection and Soil Health: Building from the Ground Up
- 6. Monitor and Measure Performance**  
Set up systems to regularly monitor production metrics, energy and water use, and waste diversion rates. Adjust management practices based on data.  
Reference Section: Foundations: Principles of Sustainable Cannabis Cultivation
- 7. Document Compliance and Community Engagement**  
Maintain transparent records of water, waste, and chemical use to foster community trust and comply with regulations.  
Reference Section: Foundations: Principles of Sustainable Cannabis Cultivation