

Template: Permaculture Principles Integration Checklist for Cannabis Cultivation

Generated: 12/8/2025

Based on Article: "Integrating Permaculture Principles into Cannabis Cultivation"

Website: <https://theseedconnect.com>

This checklist provides actionable steps to integrate permaculture principles into cannabis cultivation for improved sustainability and yields.

Checklist Items:

1. Conduct Site Assessment

Walk the property daily for at least one week to observe sun patterns, wind directions, and water flow. Document findings in a notebook with timestamps and photos.

Reference Section: Site Assessment and Design (Zone and Sector Planning)

2. Test Soil Health

Use a soil testing kit to assess pH, organic matter, and texture, aiming for a pH of 6.0–7.0. This helps determine the baseline health of your soil.

Reference Section: Permaculture Principles Applied to Cannabis

3. Design Zone Layout

Create a base map of your property and overlay zones (0–5) according to proximity and care frequency. Ensure cannabis is placed in zones 1-2 for optimum management.

Reference Section: Site Assessment and Design (Zone and Sector Planning)

4. Implement Water Management

Install swales or berms to capture water runoff and improve soil moisture retention. This reduces the need for frequent irrigation.

Reference Section: Water Management and Micro-Irrigation

5. Enhance Biodiversity

Interplant nitrogen-fixing plants like clover and maintain a strip of perennial herbs to manage pests and improve soil health.

Reference Section: Integrated Pest Management & Biodiversity

6. Set Up Composting System

Create a composting setup for plant residues and kitchen scraps to close nutrient loops and reduce waste.

Reference Section: Permaculture Principles Applied to Cannabis

7. Monitor Pest Hotspots

Track pest populations weekly to identify hotspots. Develop targeted treatment plans based on the data gathered.

Reference Section: Integrated Pest Management & Biodiversity

8. Regularly Observe Microclimates

Continue observing your site patterns even after the initial setup. Adjust plant placements and care according to changing conditions.

Reference Section: Permaculture Principles Applied to Cannabis

9. Evaluate and Iterate

Run a small trial bed each season and track inputs and yields to assess what practices reduce inputs while enhancing plant health.

Reference Section: Step-by-Step Implementation Guide (Numbered Steps)