

Template: Sustainable Pest Management Checklist for Cannabis Cultivation

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Based on Article: "Best Practices for Sustainable Pest Management in Cannabis Cultivation"

Website: <https://theseedconnect.com>

A practical checklist for implementing sustainable pest management strategies in cannabis cultivation, focusing on early detection and integrated pest management (IPM).

Checklist Items:

1. Establish a Scouting Protocol

Inspect five representative plants in each canopy zone weekly and record findings in a central spreadsheet to track pest presence effectively.

Reference Section: Immediate actions for growers to adopt

2. Set Action Thresholds

Define numeric or qualitative triggers for pest management actions, such as treating if there are more than 5 spider mite eggs per lower leaf.

Reference Section: Immediate actions for growers to adopt

3. Fix Environmental Drivers

Manage and stabilize temperature, humidity, and airflow to eliminate conditions that favor pest reproduction and survival.

Reference Section: Immediate actions for growers to adopt

4. Introduce Baseline Biocontrols

Release predatory mites early in the vegetative growth stage to establish biological control and keep pest populations in check.

Reference Section: Immediate actions for growers to adopt

5. Implement Sanitation Routines

Regularly clean trays, benches, and tools after each cycle. Require dedicated footwear for different rooms to prevent pest introduction.

Reference Section: Immediate actions for growers to adopt

6. Monitor Environmental Conditions

Use temperature and humidity monitors to keep conditions within optimal ranges, targeting 70–80°F and 40–60% relative humidity.

Reference Section: Tools & materials checklist

7. Conduct Regular Record Keeping

Maintain a log of pest sightings, interventions taken, and any changes in environmental conditions to help refine future strategies.

Reference Section: Skills checklist

8. Use Selective Chemistry as Needed

Apply botanical or reduced-risk products only when other management measures have failed, respecting any withholding times.

Reference Section: Types of pest control

9. Review Pest Control Effectiveness

After treatment, assess the effectiveness of interventions and adjust strategies based on successful outcomes and feedback.

Reference Section: Measuring Success and Continuous Improvement