

Template: Cannabis Seed Quality Evaluation Checklist

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Based on Article: "Common Myths About Cannabis Seed Quality Debunked"

Website: <https://theseedconnect.com>

A practical checklist to evaluate and ensure the quality of cannabis seeds for successful cultivation.

Checklist Items:

- 1. Check Germination Percentage**
Conduct a paper towel germination test by placing seeds between moist paper towels and monitoring sprouting. Count the number of seeds that germinate to calculate the germination percentage.
Reference Section: [What Is Cannabis Seed Quality?](#)
- 2. Assess Days-to-Emergence**
Record the number of days it takes for each seed to break the surface from the soil. This helps in evaluating the vigor of the seeds.
Reference Section: [What Is Cannabis Seed Quality?](#)
- 3. Evaluate Seedling Quality**
Rate the seedlings on uniformity, taproot length, and early leaf health to determine initial seedling vigor and robustness.
Reference Section: [What Is Cannabis Seed Quality?](#)
- 4. Utilize Float Test as Initial Screening**
Perform a float test by placing seeds in water: viable seeds will sink, while suspect seeds will float. Remember this method is not definitive.
Reference Section: [What Is Cannabis Seed Quality?](#)
- 5. Inspect Seed Reserves and Coats**
Check for good seed coats and adequate endosperm reserves which are crucial for resilience during the initial growing stages.
Reference Section: [How Seed Traits Affect Plant Outcomes \(Mechanism Explanation\)](#)
- 6. Compare with Vendor Germination Reports**
Request and review germination reports from vendors. Compare these with your home tests for consistency and reliability before making large purchases.
Reference Section: [What Is Cannabis Seed Quality?](#)
- 7. Document Batch Details**
Keep a log of germination rates, seed lot numbers, and vendor information for traceability in case of issues with specific batches.
Reference Section: [What Is Cannabis Seed Quality?](#)
- 8. Run Soil Media Checks**
If seed performance is poor, conduct tests on soil pH and nutrients to ensure optimal growing conditions aren't the issue.
Reference Section: [How Seed Traits Affect Plant Outcomes \(Mechanism Explanation\)](#)
- 9. Monitor Growing Environment**
Control and monitor light, temperature, and humidity, as these parameters have a significant impact on seedling performance and outcomes.
Reference Section: [How Seed Traits Affect Plant Outcomes \(Mechanism Explanation\)](#)

10. Conduct Side-by-Side Comparisons

Grow seedlings from the same batch under identical conditions to compare growth rates and health, assisting in diagnosing if issues are seed-related or environmental.

Reference Section: How Seed Traits Affect Plant Outcomes (Mechanism Explanation)