

Template: Cannabis Seed Quality Checklist

Generated: 2/3/2026

Based on Article: "The Impact of Environmental Factors on Cannabis Seed Quality"
Website: <https://theseedconnect.com>

A practical checklist to ensure optimal conditions for cannabis seed germination and growth.

Checklist Items:

- 1. Assess Seed Quality**
Evaluate the seed for viability, vigor, genetic fidelity, sanitary status, and moisture content to ensure expected growth outcomes.
Reference Section: What Is Seed Quality? Clear definition and why it matters
- 2. Control Storage Temperature**
Store seeds in a temperature-controlled environment, ideally between 2-6°C, to maintain their viability and slow down aging.
Reference Section: How Does Environment Affect Seed Quality? Mechanisms explained
- 3. Monitor Humidity Levels**
Keep relative humidity around 20-40% during storage to prevent mold and premature activation of seeds.
Reference Section: How Does Environment Affect Seed Quality? Mechanisms explained
- 4. Conduct Germination Tests**
Perform a standard germination test to determine the viability percentage of the seeds before planting.
Reference Section: What Is Seed Quality? Clear definition and why it matters
- 5. Check for Pathogens**
Inspect seeds for any signs of pathogens or contaminants through microscopic means or PCR-based assays to ensure sanitary status.
Reference Section: What Is Seed Quality? Clear definition and why it matters
- 6. Assess Light Conditions**
Provide consistent and appropriate light spectrum during early growth to facilitate healthy seedling development.
Reference Section: Not directly stated, inferred best practice
- 7. Evaluate Nutrient Salts**
Monitor the nutrient levels to prevent salt toxicity that could stunt seedling root development during the early growth phase.
Reference Section: Not directly stated, inferred best practice
- 8. Watch for Temperature Fluctuations**
Avoid large temperature shifts in the storage environment to minimize moisture movement and seed deterioration.
Reference Section: How Does Environment Affect Seed Quality? Mechanisms explained
- 9. Select Reputable Suppliers**
Choose seed suppliers that provide germination rates and sanitary testing reports to increase predictions of crop success.
Reference Section: What Is Seed Quality? Clear definition and why it matters