

# Organic Plant Propagation

This playbook outlines the steps to propagate organic plants using three common methods: starting from seeds, propagating from cuttings, and multiplying via divisions. It focuses on organic practices to ensure a natural and sustainable approach.

## Step 1: **Seed Selection**

Choose certified organic seeds from a reputable source to ensure they haven't been treated with synthetic chemicals. Select seeds of plant varieties suitable for your growing region and desired traits.

## Step 2: **Seed Planting**

Prepare a seed starting mix using organic soil and compost. Plant the seeds in the mix at the depth specified on the seed packet, water gently, and place them in a warm, brightly lit area.

## Step 3: **Seedling Care**

Keep the soil moist but not waterlogged. Provide adequate light to young plants and protect them from extreme temperatures. Begin fertilizing with an organic solution once the true leaves appear.

## Step 4: **Cutting Selection**

Identify a healthy, non-flowering shoot from the parent plant to use as a cutting. Make a clean cut below a node using a sanitized blade.

## Step 5: **Cutting Preparation**

Remove leaves from the lower third of the cutting. Dip the cut end in organic rooting hormone to accelerate root development if desired.

## Step 6: **Planting Cuttings**

Place cuttings into small pots filled with an organic potting mix. Ensure at least one node is below the surface. Water gently and cover with a clear plastic bag to maintain high humidity.

## Step 7: **Cutting Care**

Keep the cuttings in a warm area with indirect light. Remove the plastic cover periodically to prevent mold and give fresh air. Once rooted, which may take several weeks, begin gradual exposure to the environment.

## Step 8: **Division Preparation**

Choose a healthy plant that has outgrown its pot or whose center shows signs of dying out. Water the plant well a day before the division process.

## Step 9: **Division Process**

Carefully remove the plant from its pot and use your hands or a sanitized knife to gently separate it into smaller sections, making sure each section has roots attached.

## Step 10: **Replanting Divisions**

Plant each division into its own pot filled with organic soil. Water adequately to settle the soil around the roots and remove air pockets.

# **General Notes**

## **Sanitization**

Always sanitize your tools before propagation to prevent disease transmission.

## **Lighting**

Proper lighting is crucial for propagation success. If natural light is insufficient, consider using grow lights.

## **Water Quality**

Use chlorine-free, room temperature water for watering and misting to avoid shocking the plant cuttings and seedlings.

## **Organic Certification**

If aiming for organic certification, ensure all the materials used, including pots and fertilizers, meet organic standards.