



**Mixture Guide for Coco Peat, Fertilizer,  
and Perlite (or Other Soil Amendments)**

Creating the right mixture of Coco Peat, fertilizer, and perlite (or other soil amendments) can help you achieve optimal growing conditions for your plants. The ratios will vary depending on the type of plants you're growing and the specific requirements of your garden. Below is a general guide to help you create a well-balanced growing medium

## General Potting Mix for Houseplants and Container Gardening

### Ingredients:

- 60% Coco Peat
- 20% Perlite
- 10% Compost or Organic Fertilizer
- 10% Vermiculite (optional)

### Instructions:

- 1) **Coco Peat (60%):** Start with hydrated Coco Peat. This forms the base of your mixture, providing excellent water retention and aeration.
- 2) **Perlite (20%):** Add perlite to improve drainage and increase aeration. This is particularly important in container gardening to prevent waterlogging.
- 3) **Compost or Organic Fertilizer (10%):** Mix in compost or an organic fertilizer to add essential nutrients. Compost enriches the soil with beneficial microorganisms and nutrients.
- 4) **Vermiculite (10%, optional):** Vermiculite helps with moisture retention and nutrient retention. It's optional but can be beneficial in certain situations.

**Usage: This mix is ideal for most houseplants, herbs, and container-grown vegetables**

# Seed Starting Mix

## Ingredients:

- 50% Coco Peat
- 25% Perlite
- 25% Vermiculite or Fine Sand
- A small amount of slow-release fertilizer (optional)

## Instructions:

- 1. Coco Peat (50%):** Provides a light, airy medium that supports seed germination and initial root growth.
- 2. Perlite (25%):** Ensures good drainage and aeration, which is crucial for seedling health.
- 3. Vermiculite or Fine Sand (25%):** Retains moisture and prevents the mix from drying out too quickly. Vermiculite also helps with aeration.
- 4. Slow-Release Fertilizer (optional):** If using, add a small amount to provide nutrients as seedlings grow, but be careful not to over-fertilize young plants.

**Usage: Ideal for starting seeds and growing seedlings until they are ready to be transplanted.**

# Mix for Outdoor Garden Beds

## Ingredients:

- 40% Coco Peat
- 30% Garden Soil
- 20% Compost
- 10% Perlite or Sand

## Instructions:

- 1) **Coco Peat (40%):** Enhances moisture retention and improves soil structure, making it easier for roots to spread.
- 2) **Garden Soil (30%):** Use your native garden soil as a base to provide a familiar environment for your plants.
- 3) **Compost (20%):** Adds essential nutrients and organic matter to enrich the soil and support healthy plant growth.
- 4) **Perlite or Sand (10%):** Improves drainage, especially in clay-heavy soils. Sand is particularly useful in heavier soils to enhance drainage.

**Usage:** This mix is suitable for general outdoor gardening, including flower beds, vegetable patches, and raised beds.

# Hydroponic Growing Medium

## Ingredients:

- 70% Coco Peat
- 30% Perlite

## Instructions:

- 1. Coco Peat (70%):** Serves as the primary growing medium, providing moisture retention and a stable environment for roots.
- 2. Perlite (30%):** Enhances drainage and aeration, preventing the roots from becoming waterlogged in a hydroponic system.

**Usage: Best for hydroponic systems where soil is not used, and nutrient solutions are provided directly to the roots**

## Additional Tips:

- **Nutrient Management:** When using Coco Peat, it's essential to manage nutrient levels carefully. Coco Peat is inert, meaning it doesn't contain nutrients. Regular fertilization with a balanced fertilizer is necessary to provide plants with the essential nutrients they need.
- **pH Monitoring:** While Coco Peat has a neutral pH, it's still important to monitor the pH levels of your soil mixture, especially if using chemical fertilizers, which can alter pH levels.
- **Custom Adjustments:** Feel free to adjust the ratios based on specific plant needs or growing conditions. For example, succulents and cacti prefer a drier mix, so increasing perlite or sand may be beneficial.