

# The Golden 2:1 Potting Soil Ratio Cheat Sheet

YARDVEGGIE PREMIUM DIGITAL RESOURCE BUNDLE

Stop using generic roadside dirt. Potted plants and root crops require maximum fluffiness, dynamic aeration, and slow-release organic nutrients to thrive in limited urban spaces without turning hard as a stone.

## THE MASTER FORMULA RATIO

**2 Parts Garden Soil : 1 Part Homemade Compost**

### 1. Core Ingredients Breakdown

Ingredient	Ratio Weight	Primary Function	Pro-Tip / Source
<b>Garden Soil / Roadside Dirt</b>	2 Parts (Base)	Provides physical structure, mineral base, and anchorage for active plant roots.	Sift out big rocks, roots, and debris before mixing.
<b>Homemade Compost</b>	1 Part (Nutrient)	Delivers full spectrum organic N-P-K nutrients and rich micro-fauna.	Must be fully fermented (30 days black loam state).
<b>Coconut Coir / Peat</b>	0.5 Part (Aeration)	Creates ultimate fluffiness, moisture retention, and structural breathing room.	Soak compressed coconut bricks in water to expand.
<b>Coarse Sand</b>	0.25 Part (Drainage)	Changes texture, makes soil porous, and guarantees continuous drainage.	Use construction sand or river sand, not beach sand.

### 2. Advanced Soil Modification & Sterilization

To ensure your crops grow completely pest-free and avoid root burn or fungal diseases, integrate these organic additives during the final blending phase:

### **Natural Sterilization Protocol**

**Cinnamon Powder Layering:** Generously sprinkle cinnamon powder throughout the mix. Cinnamon is a highly potent, 100% natural bactericide and fungicide that actively kills hidden pest eggs, root rot mold, and damp-off fungi without chemical side-effects.

### **Sunlight Cleansing Hack**

Before mixing with compost, spread your raw garden soil thin on a plastic sheet under direct screaming sunlight for a full 24 hours. This dehydrates and expels annoying ants, wireworms, and root-knot nematodes naturally.

## **3. The Fluffiness Compression Test**

Once your premium soil is mixed, squeeze a handful of moist soil tightly in your palm, then open your hand:

- **If it clumps hard like clay:** Add more sand and coconut coir immediately. Your roots will suffocate.
- **If it crumbles instantly like dry sand:** Add more organic compost to lock down water retention.
- **The Golden State:** It holds its shape for a second, then softly falls apart at a gentle tap. Perfect.