

# **Propagation Material List**

This list is for those wishing to create a box to grow cuttings. However, part of the sequence can be used alone as a potting mix. Disclaimer: This recipe is from a bloke named Jonny Balchandani, the bearded plantaholic. This is my basic understanding.

## **The Ingredients:**

1. **Perlite:** This helps with drainage and prevents soil compression on the roots, stopping suffocation and root rot. It is also great for root growth and germination.
2. **Worm Castings:** is worm shit but is full of nutrients for the plant.
3. **Vermiculite:** (not a must) If you don't have any, you can use extra perlite. This material slowly releases nutrients and water into the roots.
4. **Sphagnum Moss:** This can come in a block that you need to stick in water to activate and expand, or you can purchase fully moisturised. This material is great for water retention and has antimicrobial properties.
5. **Activated Charcoal:** This material helps with the removal of toxins and bacteria from the soil, keeping the soil fresh.
6. **Compost:** Any cheap compost will do. I have been advised to stay clear of Miracle-Gro due to a gnat infestation.
7. **Pine Bark:** This is full of nutrients, helps with drainage and retention, and helps regulate acidity levels.

Shop around, as some items can be pricy. [Bulk is better instead of overpriced rubbish.](#)

**The Soil mix can be used for most plants except cacti.**

## **The Box**

The box can be any size you want for the size or number of plants you want to propagate.

When finished, the ingredients should fill about half of the box, the extra room is for space so the plant can grow. Don't worry if it goes a little over.

**Layer 1: Perlite.** Spread an even amount over the base of the box.

**Layer 2: Sphagnum Moss.** The same as Perlite but fluffy.

**Layer 3: The mix.** Get a separate box or bowl and mix 3-6 handfuls into the box or bowl. Depending on the amount you need or if you feel generous.

**In the mix goes:**

### **A Basic Setup for Plants:**

- 1. Compost.** You can add extra if you require.
- 2. Perlite.**
- 3. Pine Bark**

### **For the Prop Box and Plants (optional)**

- 4. Vermiculite.**
- 5. Worm Castings.**
- 6. Activated Charcoal.**
- 7. Sphagnum Moss.**

**Now get your hands right in there and mix everything together.**

**And then place it where needed.**

**Layer 4: Activated charcoal.** Sprinkle a small amount over the top of the soil mix.

**Layer 5: Sphagnum Moss.** Create another fluffy layer.