Producing Your Own Seedlings in the Nursery

Choosing your nursery technique (cell trays, seed trays, open-field nursery), making rich potting mix, managing shade and fine watering.



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13 OPEN FIELD



OPEN FIELD

OFF-GROUND FOLLOWED BY TRANSPLANTING

To produce your seedlings, three techniques are commonly used:

1) Produce seedlings in an open-field nursery.

2) Produce seedlings in an off-ground nursery.

3) Transplant seedlings into pots before final transplantation.

Each method has its advantages and disadvantages. We will show you how to choose based on your needs!

1. THE IN-GROUND NURSERY

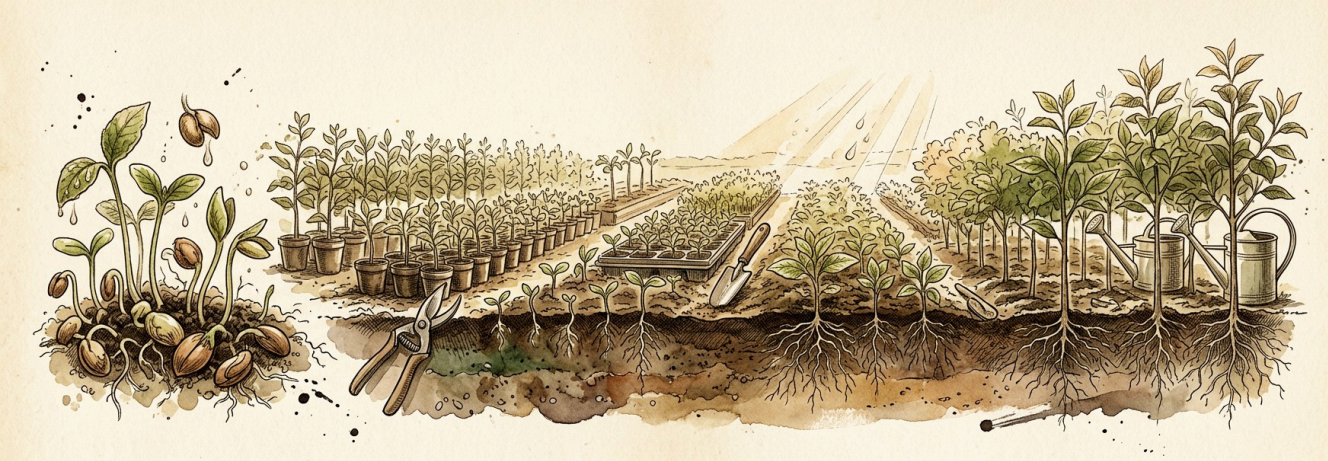


1. THE IN-GROUND NURSERY

1. THE IN-GROUND NURSERY

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What is an open-field nursery?



What is an open-field nursery?

Seeds are sown directly into prepared soil. Young plants grow there before being transplanted.



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What are the advantages of an in-ground nursery?

- It's simple and quick to set up
- Requires little equipment ✅

✅ 👎 What are the disadvantages?

- Fragile roots during transplanting
- A faster risk of drought
- Susceptibility to soil-borne diseases ❌

❌❌



2. THE OFF-GROUND STARTING NURSERY

1. THE OFF-GROUND STARTING NURSERY

What is an Off-Ground Starter Nursery?



What is an Off-Ground Starter Nursery?

Seeds are sown in containers before transplanting the seedlings: trays, pots, flats. These containers are filled with potting mix.

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You will need the following materials:



You will need the following materials:

A quality potting mix

A protective mosquito net

Sand or pebbles for drainage 🪴 🛑 💧



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👎 ++ + 👍 What are the advantages of off-ground nurseries?

* Better root control

* The nursery is easily transportable ✅ ✅ What are the disadvantages?

* More frequent watering

* Requires additional equipment ❌❌

3. THE NURSERY FOLLOWED BY TRANSPLANTING



3. THE NURSERY FOLLOWED BY TRANSPLANTING

1. THE NURSERY FOLLOWED BY TRANSPLANTING

OR



OR

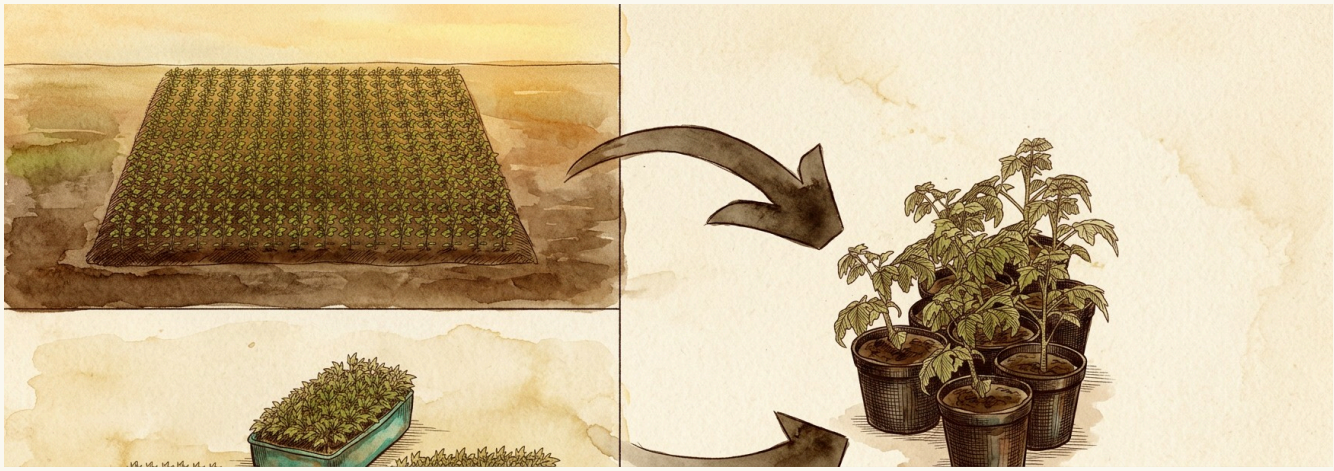
What is transplanting?

Young plants are first grown in the ground or soilless, then transplanted into pots before final transplanting.

This technique is commonly used for tree nurseries and fruiting vegetables.

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You will need the following materials:



You will need the following materials:

Pots or plastic bags

Nutrient-rich potting soil 🪴 🌱

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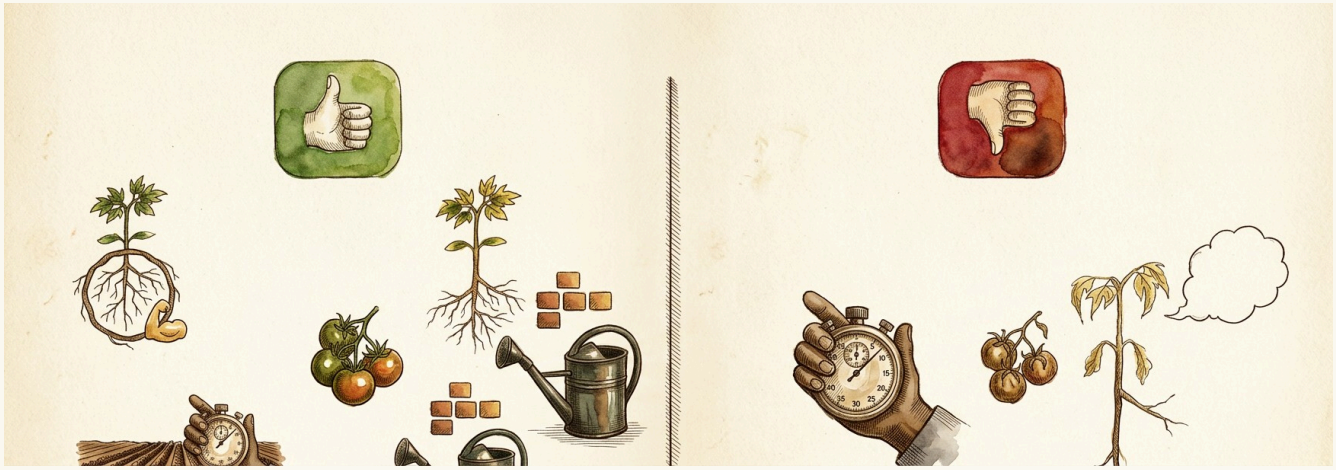


👍

💪 👎 STRESS What are the advantages of transplanting?

- Stronger roots
- Better recovery after transplanting
- Reduced time in the field
- Reduced water requirements ✅ ✅ ✅ ✅ What are the disadvantages?
- Additional labor
- Risk of stress if poorly transplanted ❌❌

OPEN FIELD



OPEN FIELD

OFF-GROUND Choose your technique based on your resources and objectives.

FOLLOWED BY TRANSPLANTING