



THE ESSENTIALS OF NURSERY MANAGEMENT

ADVANTAGES OF USING A NURSERY

Loss of seeds is reduced. Quality of the transplants will be higher.
Loss of plants in the field is reduced.

TIPS FOR CALCULATING THE NUMBER OF SEEDS

Before you start sowing, calculate the number of seeds based on the required number of plants in the field by considering:

- Germination rate (>80%).
- Seedlings survival in nursery (>95%).
- Transplanting survival rate (>90%).

As a rule of thumb, sow 20% more seeds.

DIRECT SOWING:

- BEETROOT
- BEAN
- CARROT
- OKRA

NURSERY:

- TOMATO
- ONION
- SWEET PEPPER
- CUCUMBER
- WATERMELON
- PUMPKIN
- CABBAGE
- LETTUCE
- HOT PEPPER
- EGGPLANT
- AFRICAN EGGPLANT

COW MANURE TOP SOIL SAND



- Sterilise homemade medium: the medium should be heated at 80°C for a period of 45 minutes.
 - 1 part of top soil, 2 parts of cow manure and 1 part of sand.



- Chose the appropriate tray according to your crop.
 - Disinfect the trays before use.
 - The growing media should not be compressed in the tray.
 - The sowing depth should be equal to the size of 2 seeds.

- In order to enhance germination, cover the tray with a perforated plastic sheet or put sand on top. Remove the plastic sheet after germination.



- Make sure that the nursery has a good cover to protect the plants from heavy rains and direct sunlight.
 - Use a quality net to prevent insects flying in.
 - After emergence, water once in the morning and once around noon.

- Hardening off is done one week before transplanting by moving gradually the trays outside of the nursery.

- Remove gently the seedlings from the container before transplanting in the field.

