



Crop Guide

CUCUMBER

• Land Preparation

- » Narrow paths help with irrigation and drainage
- » Install trellis before transplanting
- » 26,600 plants/ha



ENGLISH

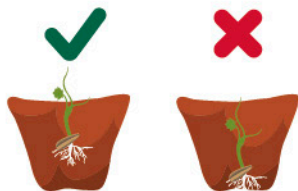


• Seedling Production

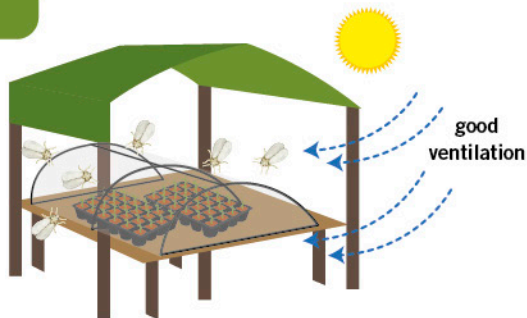
Substrate preparation : heat for 10 minutes or place in full sun for half day; fill tray



Sow seeds and protect seedlings



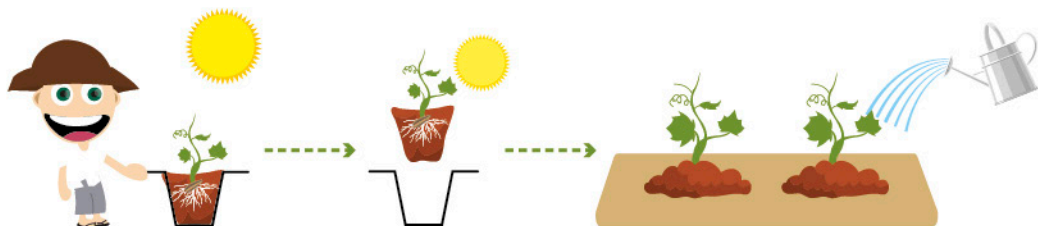
Sowing depth = size of 2 seeds



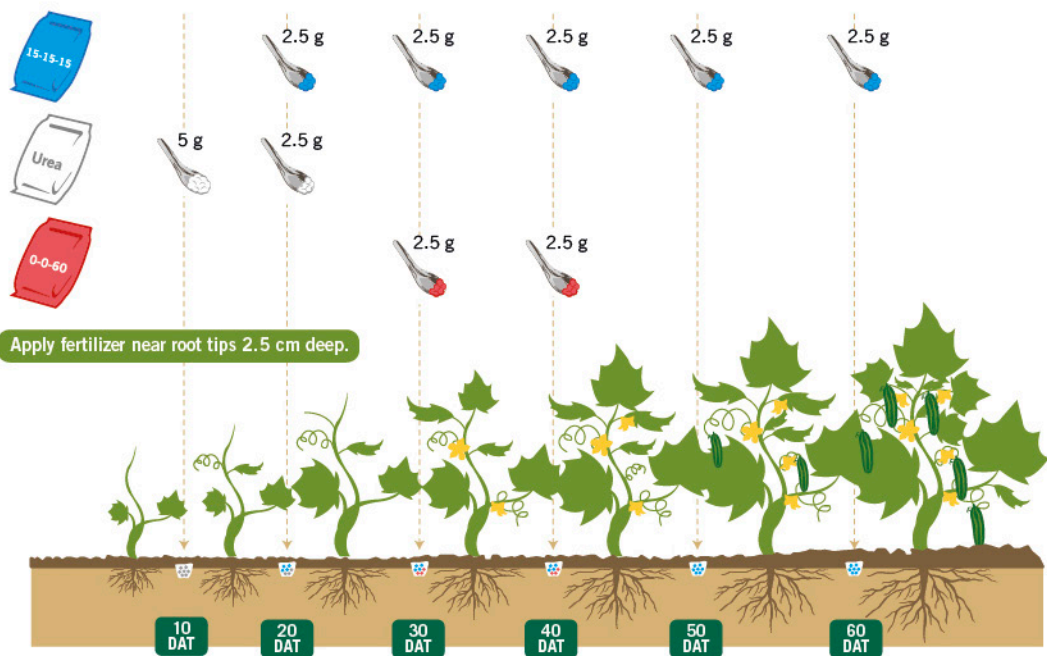
Maintain constant moisture



Reduce water and expose to more sun 2-3 days before transplanting late in the afternoon



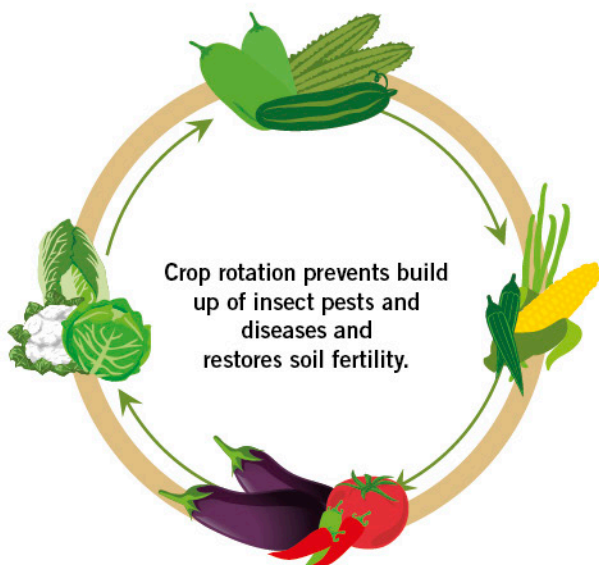
• Fertilizer Application







The recommended fertilizer amount is based on plant population of 26,600 per hectare.

• How to assure high yield

To prevent infection from spreading, sick plants, old crops and weeds must be removed.



• Safe and effective use of pesticides

-  **Wear protective gear**
-  **Good weather**
-  **Good nozzle**
-  **Wash after spraying**

Kinds of Insects



- Thrip
- Whitefly
- Aphid
- Caterpillar
- Leafminer
- Beetle

Active Ingredient	MoA	Target	1 / 2 / 3	4	5	6
Fipronil	2B	SC				
Lambda-cyhalothrin	3A	SC				
Dinotefuran	4A	S				
Thiamethoxam	4A	S				
Imidacloprid	4A	S				
Spinosad	5	S				
Abamectin	6	SC (Slight S)				
Thiocyclam oxalate	14	SC				
Chlorantraniliprole	28	S				
Flubendiamide	28	S				

MoA (Mode of Action); SC (Stomach + Contact); S (Systemic)

- » Alternate mode of action (MoA) groups to prevent resistance
- » Control sucking insects to prevent virus
- » Remove infected plants and fruits
- » Reduce spraying 40 DAT if healthy

Active Ingredient	MoA	Target	Remark
Chlorothalonil	Preventive	Broad spectrum	
Mancozeb	Preventive	Broad spectrum	
Azoxystrobin	Preventive + Curative	Powdery mildew, Anthracnose	Maximum 4 times per crop cycle
Propamocarb	Preventive + Curative	Downy mildew	
Cymoxanil	Curative	Downy mildew	Tank mixed with preventive (Chlorothalonil or Mancozeb)
Metalaxyl	Preventive + Curative	Downy mildew	High risk of resistance (only use 2 times per season)

Kinds of Diseases



Anthracnose

Powdery mildew

Downy mildew

Virus

<http://guides.eastwestseed.com>

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