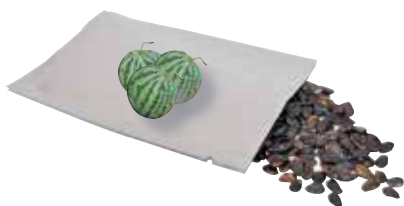


Watermelon

Crop guide

Valid 2017

Seed and variety choice



**Improved
variety**

- High yield
- Disease resistant
- Good quality fruits
- Preferred by the market

Seedling raising

1 Filling tray

1a Mix the media well with following ratio:



1 part top soil



2 parts cow manure



1 part sand

1b Sterilize the media at 80°C for 30-40 minutes

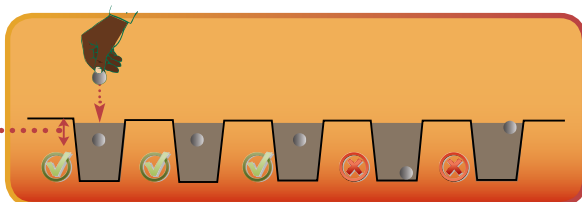


1c Fill the trays with the well prepared media

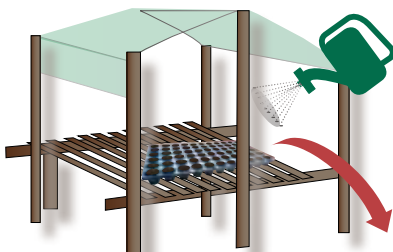


2 Sowing depth

Sowing depth = size of 2 seeds



3 Taking care of seedlings

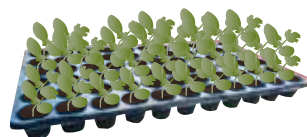


4



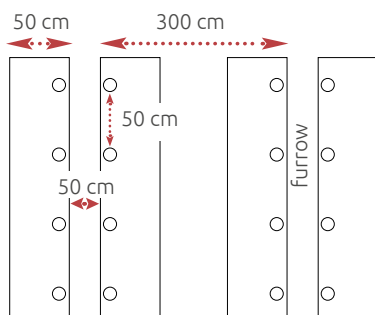
4 Hardening

Put seedling tray outside 1 week before transplanting



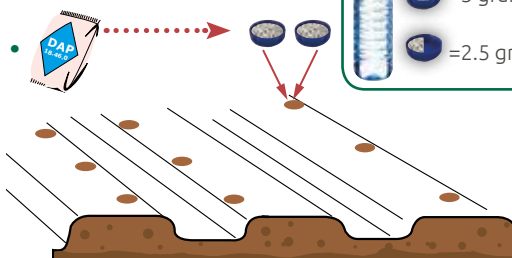
Land preparation and plant distance

Plant distance



Basal application

- Organic manure (if available)



- 5,300 plants per acre
- Plants are grown on the edge of the bed
- In between 2 beds is 200 cm for branches to grow

Transplanting

- 1 Transplant late afternoon
- 2 Seedling: ready after 3-4 weeks after sowing

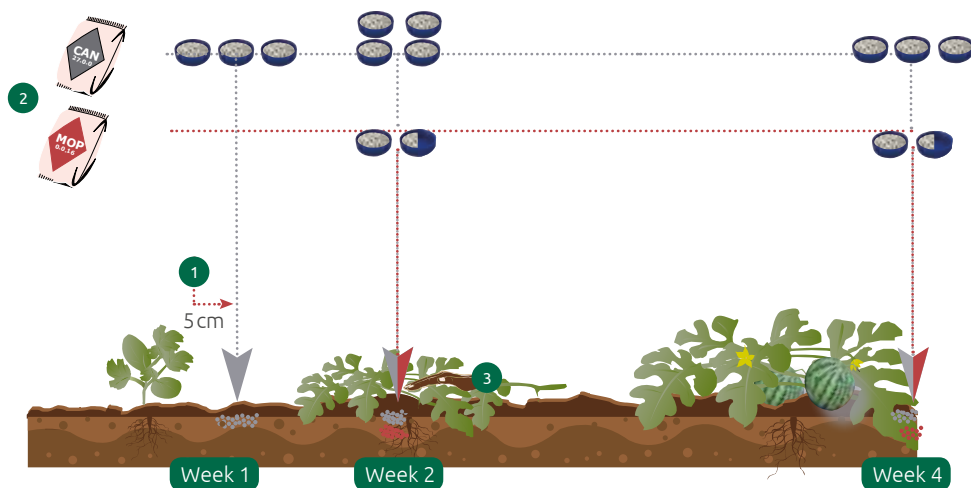


- 3 Sow 10 cm above the fertilizer



Fertilization

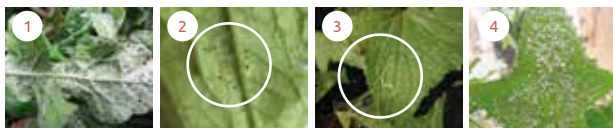
- 1 Make a small hole 5 cm away from the main stem of each plant for applying the fertilizer
- 2 Apply the fertilizer
- 3 Cover the hole



The fertilizer amount is based on 5,300 plants/acre

Crop protection

Insecticides



Active ingredient	Aphid (1)	Mites (2)	Leaf miner (3)	White fly (4)	Melon fly
Cypermethrin	👍			👍	
Imidacloprid	👍			👍	👍
Deltamethrin	👍				
Abamectin		👍		👍	
Thiocylam oxalate	👍			👍	
Deltamethrin				👍	
Spinosad				👍	👍
Lambda-cyhalothrin	👍	👍		👍	
Dicofol		👍			
Profenofos	👍			👍	

👍 = Recommended pesticides for the pest indicated.

Alternate active ingredients to prevent building up resistance.

Crop protection

Fungicides

Active ingredient	Efficiency	Control
Difenoconazole	Preventive + Curative	Anthraco-nose ⁵
Azoxystrobin	Preventive	Powdery mildew
Mancozeb	Preventive	Anthraco-nose
Propineb	Preventive	Downey mildew
Tebuconazole+triadimenol	Preventive + Curative	Powdery mildew ⁶
Triadimenol	Preventive + Curative	Powdery mildew
Sulphur	Preventive	Powdery mildew
Fosetyl	Preventive	Damping off
Propamocab	Preventive	Damping off



Spraying techniques

Wear protective gear



Good weather



Good nozzle



Wash after spraying



Windy weather



Rainy weather



Leaking nozzle



Beware of excessive chemicals



Do you need more information?

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