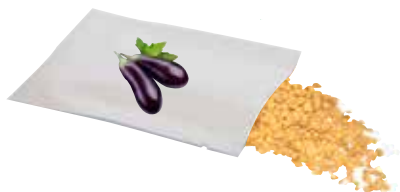


# Eggplant

## 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

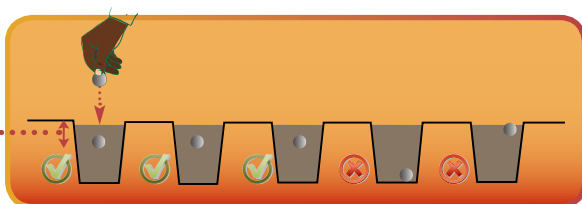


1c Fill the trays with the well prepared media

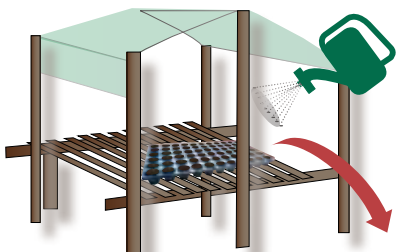


#### 2 Sowing depth

Sowing depth = size of 2 seeds

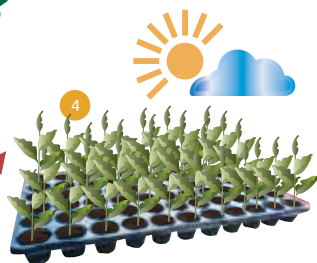


### 3 Taking care of seedlings



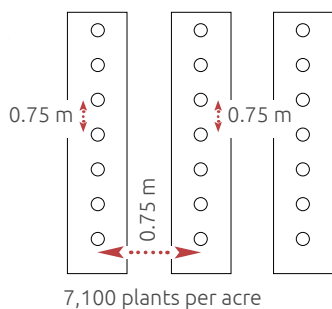
### 4 Hardening

Put seedling tray outside 1 week before transplanting



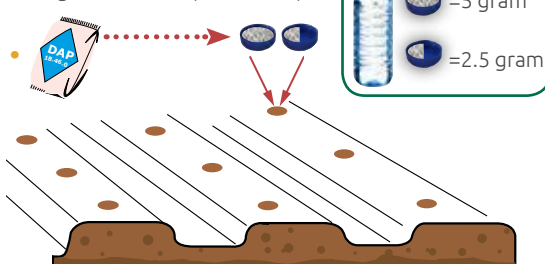
## Land preparation and plant distance

### Plant distance



### Basal application

- Organic manure (if available)



## Transplanting

### Transplant late afternoon

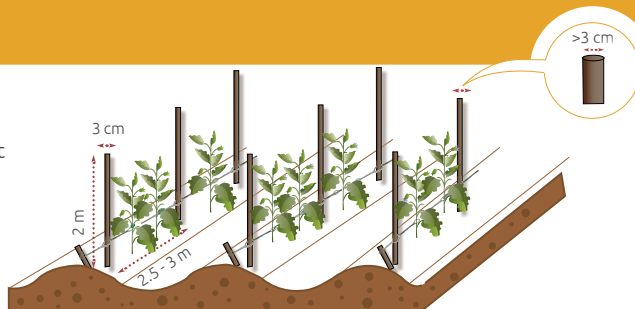


3-4 weeks after sowing



## Trellising

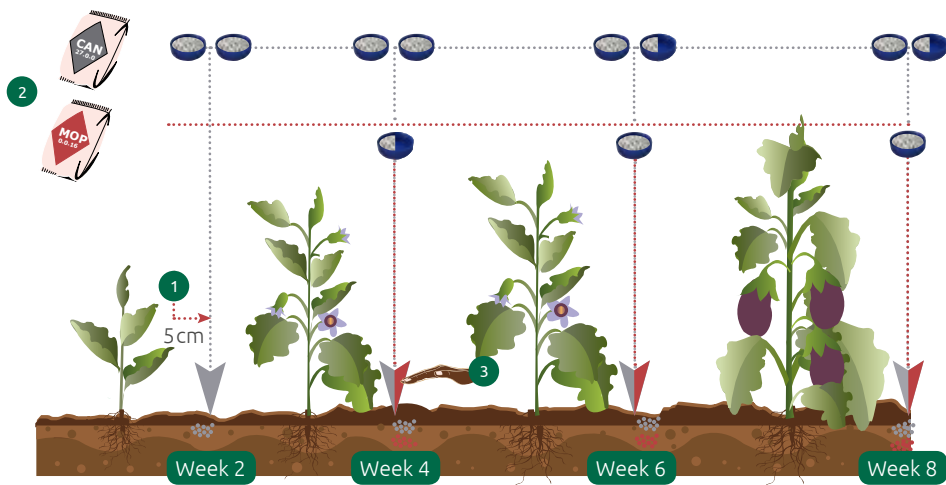
- Support plants
- Easy crop management
- Minimize diseases



1-2 weeks after transplanting

## Fertilization

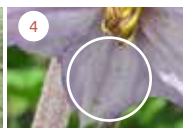
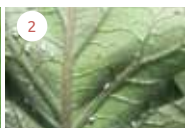
- 1 Make a small hole 5 cm away from the canopy of each plant for applying the fertilizer
- 2 Apply the fertilizer
- 3 Cover the hole



The fertilizer amount is based on 7,100 plants/acre

## Crop protection

### Insecticides



| Active ingredient  | Mites (1) | White fly (2) | Aphid (3) | Thrips (4) |
|--------------------|-----------|---------------|-----------|------------|
| Imidacloprid       |           | 👍             | 👍         | 👍          |
| Lambda-cyhalothrin |           | 👍             | 👍         | 👍          |
| Abamectin          | 👍         |               |           |            |
| Dicofol            | 👍         |               |           |            |
| Thiocylam oxalate  | 👍         | 👍             | 👍         | 👍          |
| 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 | Rust                      |
| Copper oxychloride            | Preventive            | Bacterial leaf spot       |
| Chlorothalonil                | Preventive            | Broad spectrum            |
| Azoxystrobin                  | Preventive            | Early blight <sup>5</sup> |
| Propamocarb                   | Preventive + Curative | Damping off               |
| Difenoconazole                | Preventive + Curative | Rust/ Early blight        |
| Sulphur                       | Preventive            | Powdery mildew            |
| Dimethomorph+mancozeb         | Preventive + Curative | Late blight <sup>6</sup>  |
| Copperoxychloride + cymoxanil | Preventive + Curative | Late blight               |
| Mancozeb+cymoxanil            | Preventive + Curative | Late blight               |



#### Infection risk late blight

| Plant growth | Sunny weather | Rainy weather |
|--------------|---------------|---------------|
| Slow         | Low           | Medium        |
| Fast         | Medium        | High          |

**Low:** spray a preventive fungicide every 5-7 days.

**Medium:** spray a preventive fungicide every 5 days and possibly a curative fungicide.

**High:** spray a preventive fungicide every 5 days always with a curative fungicide.

### 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?

Please call +255 685 942 364

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