

Watermelon & Melon Breeding

Watermelon Breeding

Objective: Tiger stripes type

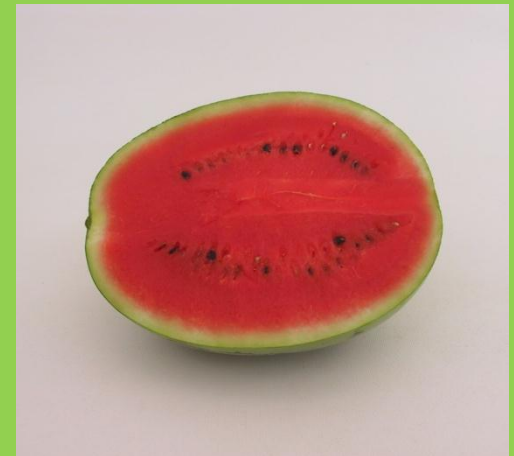
1. Midi sizes fruit (3-6 kilo)

2. Seedless and with seeds hybrids



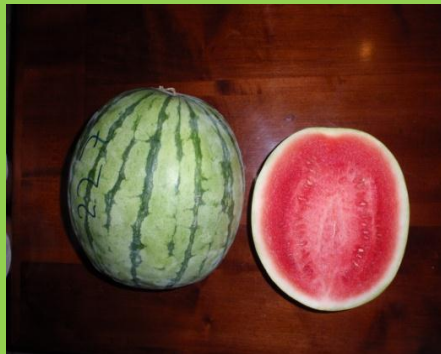
Watermelon Breeding

Tiger stripes hybrids Seedless and with seeds



Plan for 2011

Hybrids evaluation, spring 2011,
in Ashalim farm and Spain (6 Hybrids).



Melon Breeding

Objectives:

1. American Cantaloupe (Western type)
2. Galia

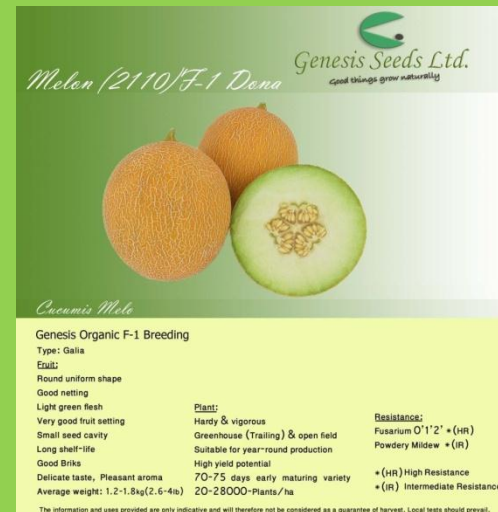


American Cantaloupe (11 Hybrids)



Galia Type: main characters

1. Fruit size 1-2 kilo. (1-1.4 kilo for Murcia)
2. Very good netting
3. P.M Resistance
4. Fusarium Resistance to races 0,1,2
5. (M.N.S.V)
6. E.S.L (Excellent Shelf Life).
7. Aroma & Taste
8. Earliness
9. Yield



Melon: Fusarium Resistance

Evaluation in Bar-Ilan University



Galia plan for 2011

Hybrids evaluation in Ashalim farm(11 varieties),
and Spain (5) in spring 2011.



Melon

Dona

Cucumis Melo

Type : Galia

Genesis Organic Breeding

Fruit:

Size: 1-1.5 kg. (in early crop)

Very good fruit setting

Round Uniform Shape

Good Netting

Light Green Flesh

Small Seed Cavity

Excellent Shelf Life (E.S.L)

High T.S.S

Aromatic

Plant:

Vigorous

Resistance: fusarium 0,1,2 (HR)*

Powdery Mildew (IR)*

Production: Bush growth in greenhouse

Suitable for early and middle crop(Almeria)

10000-12000 Plants/Ha

*** (HR) High Resistance**

*** (IR) Intermediate Resistance**