



# *nice good and healthy*

*The front line: Boundary, Hunter, shore, Red Bloc*



International Company Agro-Science

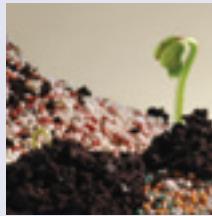


**CUTTING EDGE FERTILIZERS** for a professional agriculture

Distribué par : Sté Equipement Agricole Tunisie "S.E.A.T"

Tel: 71240156 - Fax: 71253983

@mail:seatagri@yahoo.fr Web: www.seat-agri.com



CAPEN V30 Oneiro www.gapadit

## We combine nature and technology to give you the best fruits

Our experience, the unadulterated raw materials used, the correct balance of elements, the presence of both nutritive and biostimulating fractions inside products allow us to offer you appropriate solutions which affect optimally on all the morpho physiological processes.

**Our technology together with your experience will allow us to achieve productive results,  
satisfying you and your customers.**

**C.E.O. Eugenio Mescolini**

# reinforcing actions with

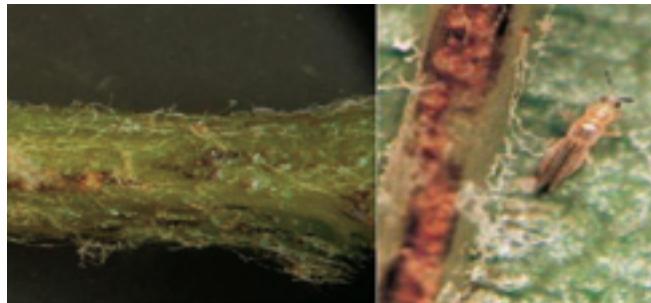
# boundary



## WESTERN FLOWER THRIPS (*Frankliniella Occidentalis*)

**Cycle Length:** in greenhouse at a daily temperature over 25° and not inferior to 12 ° the biological cycle lasts 20 days; at a temperature from 18 to 20 degrees it lasts 30-45 days.

**Applications:** treat at beginning of flowering at the dosage of 250/350 ml x 100 lt of water; repeat after 7 days. Keep under control the presence of adults and valuate following applications. It could be necessary a third treatment after 12 days from the second one.



## GRAPE THRIPS (*Drepanothrips reuteri*)

**Biological cycle:** Adult grape thrip spends winter between bark cracks; it starts the activity at germination laying eggs on the vegetal part; from eggs originate the first generation, whose adults come out between May and June; other generations follow the first one, depending on environment variables.

**Applications:** first treatment at the beginning of germination at the dosage of 250 ml per 100 lt of water and repeat after 10 days. Afterward monitor adults and eventually repeat the treatment at the dosage of 300 ml x 100 lt of water.

Société d'Équipement et de Distribution

**THE PRODUCT ACTS ONLY ON THE PLANT,  
STIMULATING ITS SELF DEFENSE MECHANISMS  
AND ENFORCING ITS VEGETATIVE STAGE**

Distribué par : Site Équipement Agricole Tunisie " S . E . A . T "

Tel: 71240156 - Fax: 71253983

@mail:seatagri@yahoo.fr Web: www.seat-agri.com

International Company Agro-Science



## reinforcing actions with

# **boundary**



### **GREEN APHID (Myzus persicae)**

**Biological cycle:** The cycle of this aphid is dioecious. It winters at the egg stage on the primary guest (peach tree); usually eggs are placed under the buds and hatch around March, when at beginning of flowering, founders start to reproduce themselves, originating 3 or 4 generations that infest the guest until the beginning of summer. They spend winter on herbaceous crops.

**Applications:** at bud development first intervention at the dosage of 150 ml x 100 lt of water. The second at beginning of flowering at the dosage of 300 ml x 100 lt of water and repeat after 8-10 days. Then it is suitable to control the attack and act accordingly.



### **BLACK APHID (Aphis Fabae)**

**Biological cycle:** Black aphid has a dioecious cycle. The second generation damages horticultural crops and ruins leaves and buds.

**Applications:** apply when first parasites are detected on 20% of plant. Dosage of 300/400 ml x 100 lt of water; repeat after 5 days and every time the presence becomes damaging.

## reinforcing actions with

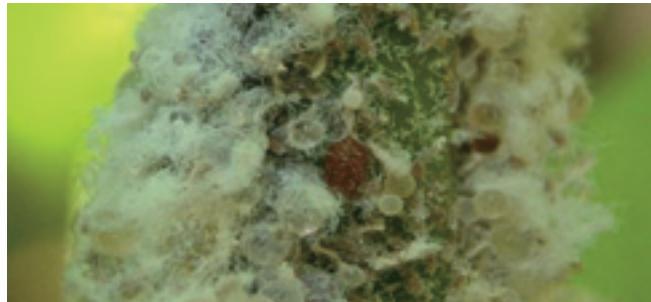
# boundary



### CYDIA POMONELLA

**Biological cycle:** it spends winter as a grown caterpillar in a cocoon between bark cracks. In the second decade of May the emerging from the cocoon is significant; the adults couple and lay eggs on leaves. From eggs come out the first generation, which begins its activity between June and July; they lay eggs directly on the fruit.

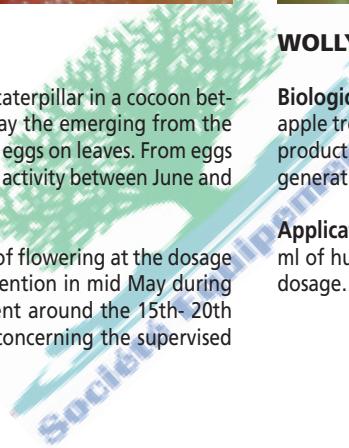
**Applications:** first intervention at beginning of flowering at the dosage of 300 ml x 100 lt of water; repeat the intervention in mid May during the emerging peak; repeat the third treatment around the 15th- 20th June. Otherwise follow the technical sheets concerning the supervised control with traps.



### WOLLY APPLE APHID (*Eriosoma Lanigerum*)

**Biological cycle:** the cycle of this parasite is monoecious and concerns apple trees; it winters as female between bark cracks in order to start reproductive activity between the end of April and May. It makes up to 20 generations.

**Applications:** apply first in pre flowering at the dosage of 300 ml + 150 ml of hunter x 100 lt of water and repeat in post flowering at the same dosage.



**THE PRODUCT ACTS ONLY ON THE PLANT,  
STIMULATING ITS SELF DEFENSE MECHANISMS  
AND ENFORCING ITS VEGETATIVE STAGE**

Distribué par : Site Equipment Agricole Tunisie " S . E . A . T "

Tel: 71240156 - Fax: 71253983

@mail:seatagri@yahoo.fr Web: www.seat-agri.com

International Company Agro-Science 

## reinforcing actions with

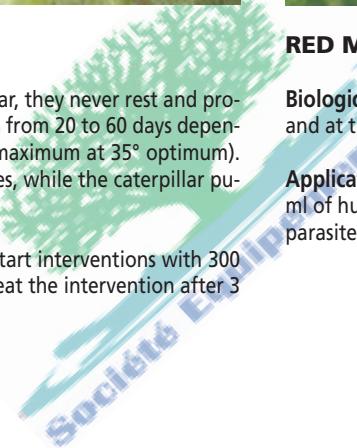
# *boundary*



### TUTA ABSOLUTA

**Biological cycle:** larvae are present all the year, they never rest and produce about 10-20 generations. The cycle lasts from 20 to 60 days depending on the temperature (minimum at 35°, maximum at 35° optimum). Females lay eggs on the inferior part of leaves, while the caterpillar pupates into the soil.

**Applications:** after 5/20 captures per week start interventions with 300 ml – 100 ml of hunter in 100 lt of water. Repeat the intervention after 3 days and then follow the disease cycle.



### RED MITE ON PEACH (*Panonychus ulmi*)

**Biological cycle:** it winters at the egg stage between cracks in the bark and at the bottom of buds. Many generations (about 10) are produced.

**Applications:** intervene in pre flowering at the dosage of 300 ml + 100 ml of hunter in 100 lt of water and repeat after 10 days. Then check the parasite's attack level.

**6 THE PRODUCT ACTS ONLY ON THE PLANT,  
STIMULATING ITS SELF DEFENSE MECHANISMS  
AND ENFORCING ITS VEGETATIVE STAGE**

Distribué par : Site Equipment Agricole Tunisie " S . E . A . T "

Tel: 71240156 - Fax: 71253983

@mail:seatagri@yahoo.fr Web: www.seat-agri.com

International Company Agro-Science 

reinforcing actions with

*boundary*



International Company Agro-Science



### OTIORHYNCHUS

**Biological cycle:** The female can lay up to 1000 eggs around the host plant's root. In few days the caterpillar goes out and it feeds for many months. It becomes a crisalide from which many adults will bear, fed with leaves and shoots.

**Applications:** treat when adults first appear at the dosage of 300 ml per 100 lt of water, repeat at the same dosage after 7-10 days from the first one.

**THE PRODUCT ACTS ONLY ON THE PLANT,  
STIMULATING ITS SELF DEFENSE MECHANISMS  
AND ENFORCING ITS VEGETATIVE STAGE.**

## reinforcing actions with

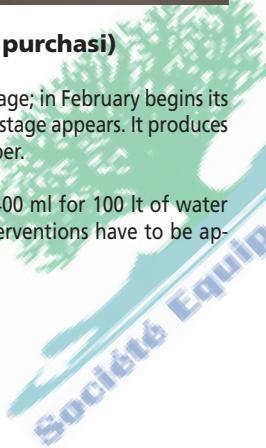
# Hunter



### COTTONY CUSHION SCALE (*Icerya purchasi*)

**Biological cycle:** this parasite winters at any stage; in February begins its ovicapsule laying and in spring the first neanic stage appears. It produces other two generations in June and in September.

**Applications:** at the end of February apply 400 ml for 100 lt of water and repeat it in May at the same dosage. Interventions have to be applied precociously when neanids first appear.



### NEMATODES

**Biological cycle:** most nematodes and dioica, can be both oviparous and ooviparous but some species reproduce themselves by pathogeneses. In addition of adults and of young stages we can also find cysts in the soil. While the first two species are sensitive to temperatures above 40 degrees, cysts can stand until 70 degrees. The damage of cultivation is due to parasite attack to roots.

**Applications:** use in fertigation after 5-10 days from transplanting at the dosage of 5 lt per ha and repeat after 15 days at the same dosage. Concerning seeds apply first after 20-30 days from the emergency and repeat after 10-20 days at the same dosage.

reinforcing actions with

*shore*



### The disease

Viruses are the smallest known microorganisms and they can attack various species. Their multiplication damages plasma of attacked cells. Spreading from plant to plant can occur through contact with the aerial or radical parts between healthy and infected plants and through carrier agents, such as mites and aphids.

### The main carriers



Whitefly

Cotton Melon Aphid

Green Aphid

Red Mite

**Applications:** Foliar application on arboreal crops at the dosage of 200/350 ml x 100 lt of water and repeat when necessary; soil application at the dosage of 5/10 lt x Ha and repeat when necessary. Foliar application on horticultural crops at the dosage of 200/300 ml x 100 lt of water and repeat when necessary; soil application at the dosage of 5/15 lt x Ha and repeat when necessary. It is suitable to immerse plants during pre transplanting in a solution of Shore at 1% for 2/4 hours.

**THE PRODUCT ACTS ONLY ON THE PLANT, STIMULATING ITS SELF DEFENSE MECHANISMS AND ENFORCING ITS VEGETATIVE STAGE.**

Distribué par : Ste Equipment Agricole Tunisie S.E.A.T

Tel: 71240156 - Fax: 71253983

@mail:seatagri@yahoo.fr Web: www.seat-agri.com

## reinforcing actions with

# *Red Bloc*



### **BOTRYTIS (Botrytis Cinirea)**

**Biological cycle:** this fungus winters as sclerotium on Wine stocks or as mycelium inside buds damaging seriously grapes.

**Applications:** first intervention in grape pre-closure, at the dosage of 300 ml in 100 lt of water; perform the second intervention at the same dosage at veraison and the third during maturation.



### **POWDERY MILDEW (*Uncinula necator*)**

**Biological cycle:** it is an ectoparasite; it pitches on external surfaces in order to penetrate inside cells through its haustoria. The powdery mildew spread through primary inoculum (a mycelium inside the buds and cleistothecia, derived from sexual reproduction of fungus; they are attached on organos' surface).

**Applications:** apply when buds distend 250 ml per 100 ml of water; repeat the intervention in grape pre closure at the dosage of 400 ml per 100 lt of water and at grape growth at the same dosage.

## **GENERAL INFORMATIONS**

To guarantee a safe use of products use intact packaging, keep them under normal weather conditions and apply them on crops not subjected to stress of different nature.  
In case of mixture with other products, field tests are recommended.

For urgent matters call the Poison Control Centers at the following numbers:

Milano 0039 02.66101029 Napoli 0039 081.7472870 Pavia 0039 0382.24444 Bergamo 0039 035.269469 Roma 0039 06.3054343 / 0039 06.490663



Sté  
Equipement  
Agricole





*Nice Good and healthy The front line: Boundary, Hunter, shore, Red Bloc*



**International Company Agro-Science**

*Registered office:* Via A. Stradivari, 4 - Milano

*Administrative headquarters:* Via Po, 6 - Orvieto [TR]

Tel. 0763.393463 - Fax 0763.395072 - CF/P.iva 03992380752

