



5

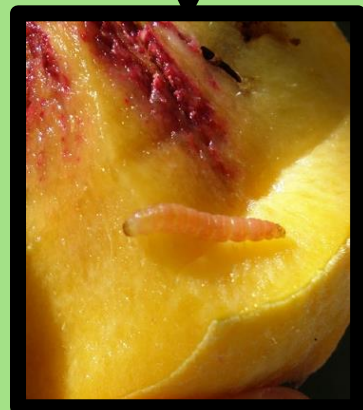


5

Confusion sexuelle



Tordeuse orientale



Effet préventif

- 3

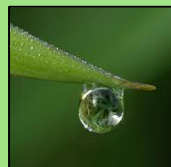
*L'effet préventif est répété
à chaque période*

Tox



0

Rés



0

Eco



0

Aux



0



Périodes :



- 1 - 2





3



2

Bio-insecticide

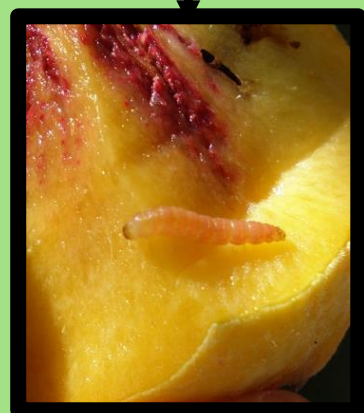
Bacillus thuringiensis



Tordeuse orientale



Maximum
2 traitements / an



Effet curatif

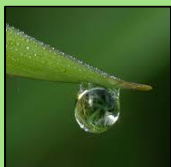
- 4

Tox



0

Rés



0

Eco



+2

Aux



0



Périodes : 2 à 5





1



2

Soufre

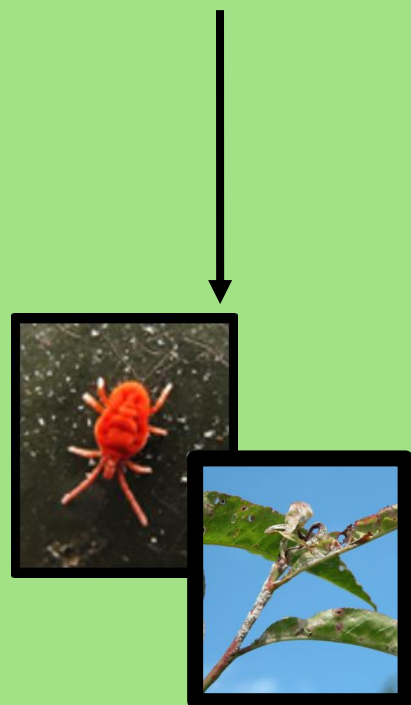


Acariens
Oïdium

Utilisable sauf



Coût & temps x2 si



Effet préventif

- 2



Effet curatif

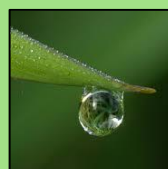
-1

Tox



+1

Rés



0

Eco



+2

Aux



+2



Périodes : 1 à 5





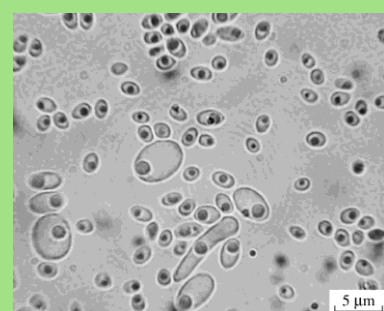
3



2

Microorganismes

B.subtilis, M. fructicola, S.cerevisiae



Moniliose



Utilisable si



Effet préventif

- 2

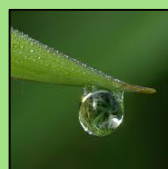


Tox



0

Rés



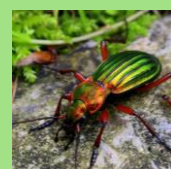
0

Eco



0

Aux



0



Périodes : 3 - 4





3



2

Microorganismes

B.bassiana



Thrips californien



Utilisable si



Effet curatif

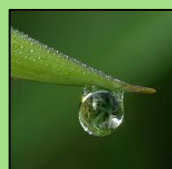
-2

Tox



0

Rés



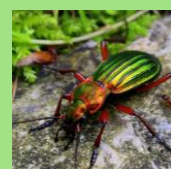
0

Eco



0

Aux



0

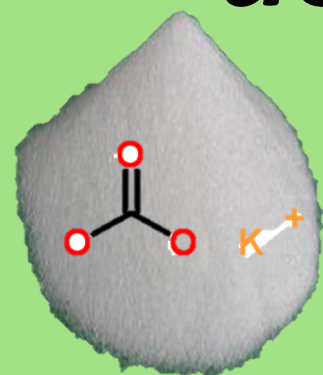


Périodes : 2 à 5





Hydrogénocarbonate de Potassium



Moniliose

Oïdium

Maladies de conservation



Utilisable sauf



Effet préventif

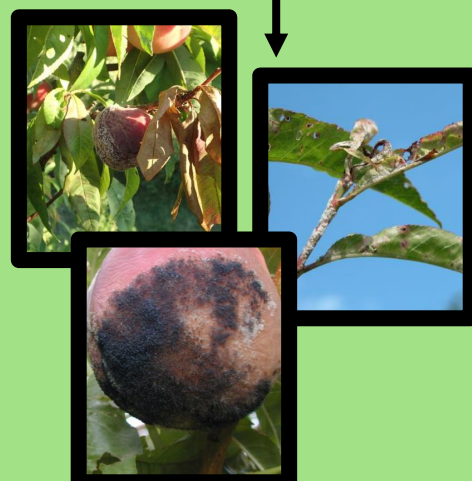
- 2



Effet curatif

-1

Si en association avec le
soufre

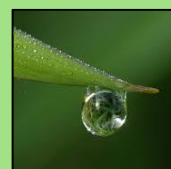


Tox



0

Rés



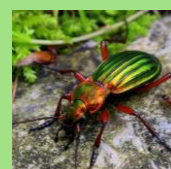
0

Eco



0

Aux



0



Périodes : 1 à 5





3



2

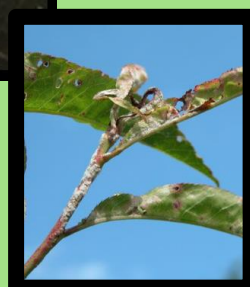
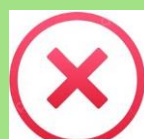
Huile essentielle

Orange douce



Oïdium
Acarie

Utilisable si



Effet curatif

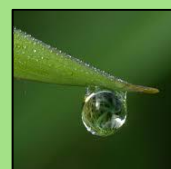
-3

Tox



+2

Rés



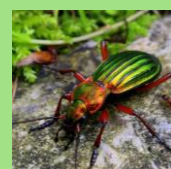
0

Eco



+2

Aux



+2



Périodes : 1 à 4





1

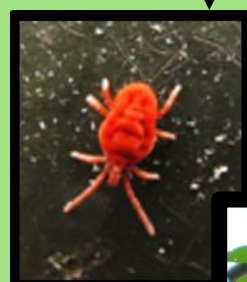


2

Huile de paraffine



*Acarions
Pucerons*



Effet préventif

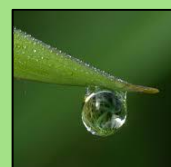
*Prévient les infestations
primaires*

Tox



+2

Rés



0

Eco



0

Aux



0



Période :





2



2

Huile de colza



*Acarions
Pucerons*



Effet préventif

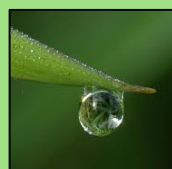
*Prévient les
contaminations primaires*

Tox



0

Rés



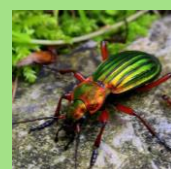
0

Eco



0

Aux



0



Période :





1

Par
bioagresseur



2

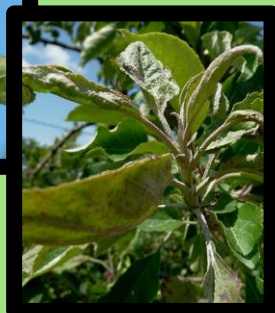
Substances de base

Equisetum – Salix - Lécithine



Oïdium*
Cloque

** Non approuvé sur
oïdium du pêcher*



Effet préventif

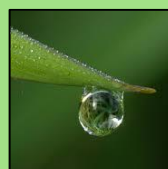
-1

Tox



0

Rés



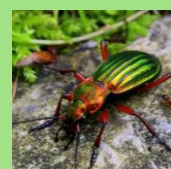
0

Eco



0

Aux



0



Périodes : 2 à 4





1

Par
bioagresseur



2

Substances de base

Ortie



*Pucerons
Monilioses
Maladie de
conservation*



Effet préventif

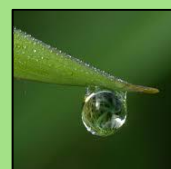
-1

Tox



0

Rés



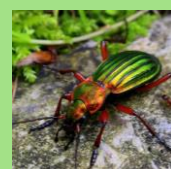
0

Eco



0

Aux



0



Périodes : 3 - 4





3



2

Bio-Insecticide Spinosad



Tordeuse orientale
Thrips californien



Maximum 2 traitements/cycle..



Effet curatif

-3

Tox



0

Res



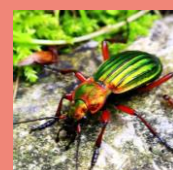
0

Eco



+1

Aux

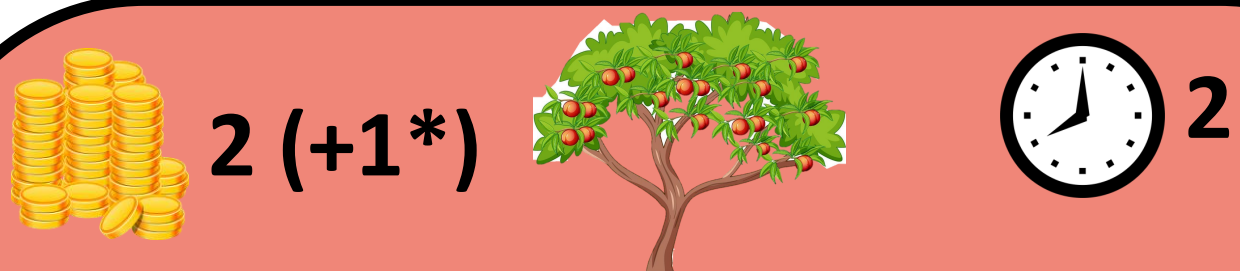


+ 1



Période : 2 à 5





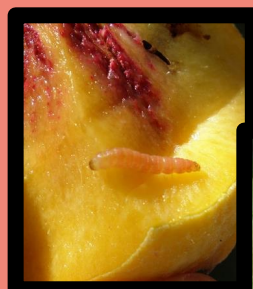
Insecticide spécifique Émamectine, Spinetoram



*Tordeuse orientale
Thrips californien*



** Pour 2 bioagresseurs
Maximum 2 traitements/cycle.*



Effet curatif

-3

Tox



+ 2

Res



0

Eco



+ 2

Aux



+ 1

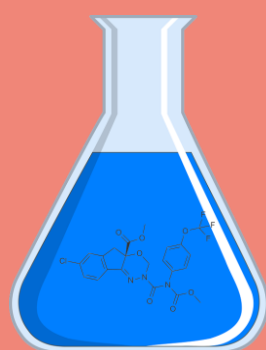


Période : 2 à 5





Cuivre – captane - dodine



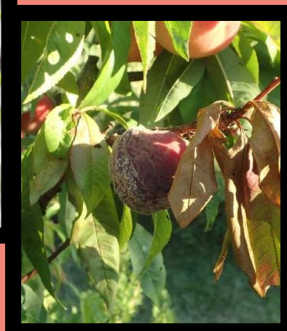
**Cloque
Moniliose**



Coûts x2 quand



x2 en périodes 4&5



Effet préventif - 2



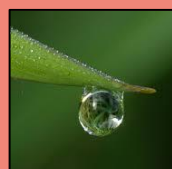
Effet curatif -1

Tox



+2

Rés



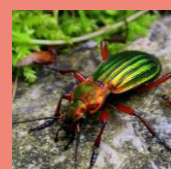
+ 2 

Eco



+ 3

Aux



+2



Périodes : 1 à 5





2



2

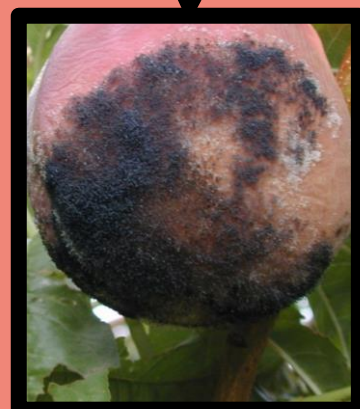
Fongicides maladies de conservation



Maladies de
conservation



x2 en période 5



Effet préventif

- 1



Effet curatif

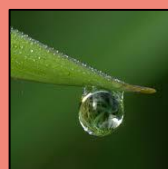
- 4

Tox



+ 2

Rés



+ 3

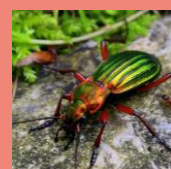


Eco



+ 2

Aux



+ 2



Périodes : 3 - 5





2 (+1*)



2

Fongicides maladies aériennes - Triazoles

Moniliose
Oïdium



*pour 2 pathogènes
Maximum 2 traitements / an
x2 en période 5



Effet préventif

- 1



Effet curatif

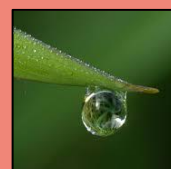
- 4

Tox



+ 2

Rés



+ 2

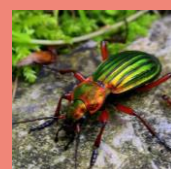


Eco



+ 2

Aux



+ 2



Périodes : 2 à 5



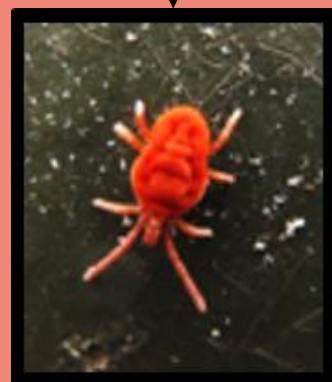
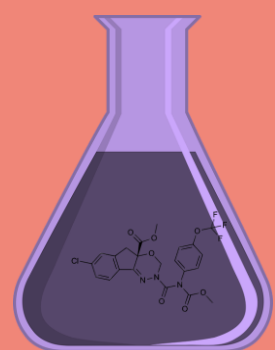


2



2

Acaricides



Acariens



*Maximum
2 traitements / an*



Effet curatif

- 4

Tox



+4

Res



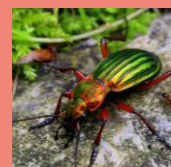
0

Eco



+ 4

Aux



+ 4



Périodes : 2 à 5



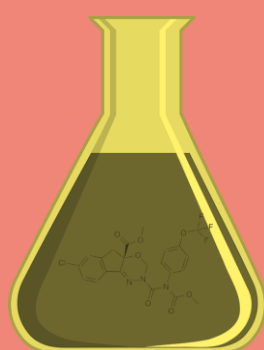


2



2

Aphicides *flonicamid - spirotétramat*



Pucerons

Maximum

2 traitements / an



Effet curatif

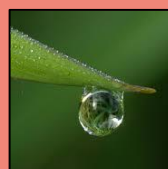
- 3

Tox



+2

Rés



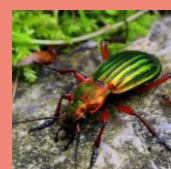
0

Eco



+ 2

Aux



+ 3



Périodes : 2 à 5





1

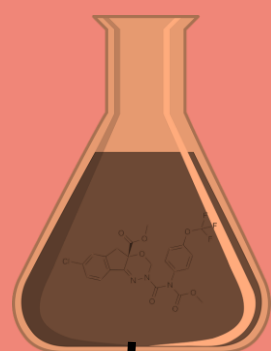


2



Insecticide polyvalent

Pyréthroïdes



Pucerons

Tordeuse orientale

Thrips californien



Maximum 2 traitements / an
Coûts x2 quand



Effet curatif

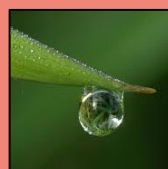
- 4

Tox



+4

Rés



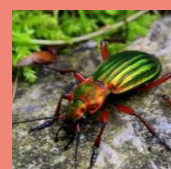
0

Eco



+ 4

Aux



+ 4



Périodes : 2 à 5





Fongicide anti-Moniliose

Cyprodinil & fludioxonil
Fenpyrazamine, Isofétamide



Moniliose



Maximum 2 traitements/cycle
x2 en période 5



Effet curatif

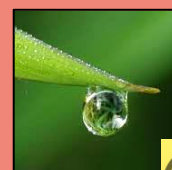
- 4

Tox



+ 3

Res



+ 3

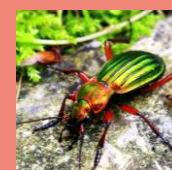


Eco



+ 2

Aux



+ 2



Période : 2 à 5





Fongicide anti-Oïdium

bupirimate, cyflufenamide

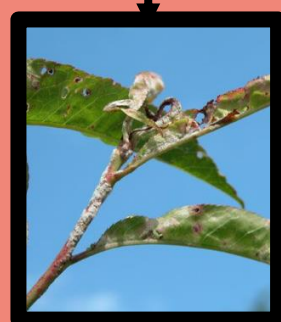
fluxapyroxad



Oïdium



Maximum 2 traitements/cycle



Effet préventif

- 1



Effet curatif

- 4

Tox



+ 2

Res



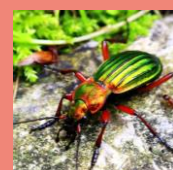
+ 2

Eco



+ 2

Aux



+ 2

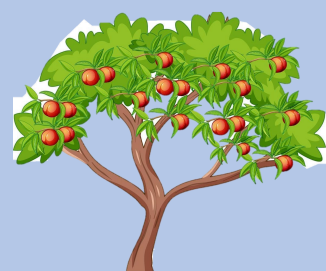


Période : 1 à 5





3

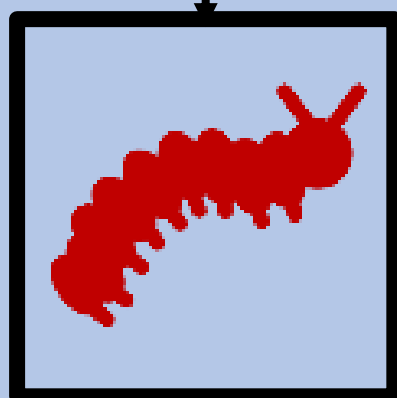


3

Gestion agro-écologique



Pucerons
Tordeuse orientale
Acariers
Thrips californien



Effet préventif - 2



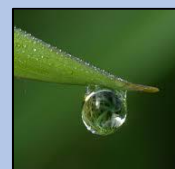
Effet curatif - 1

Tox



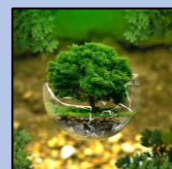
0

Rés



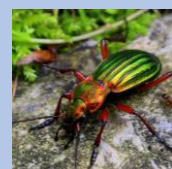
0

Eco



-1

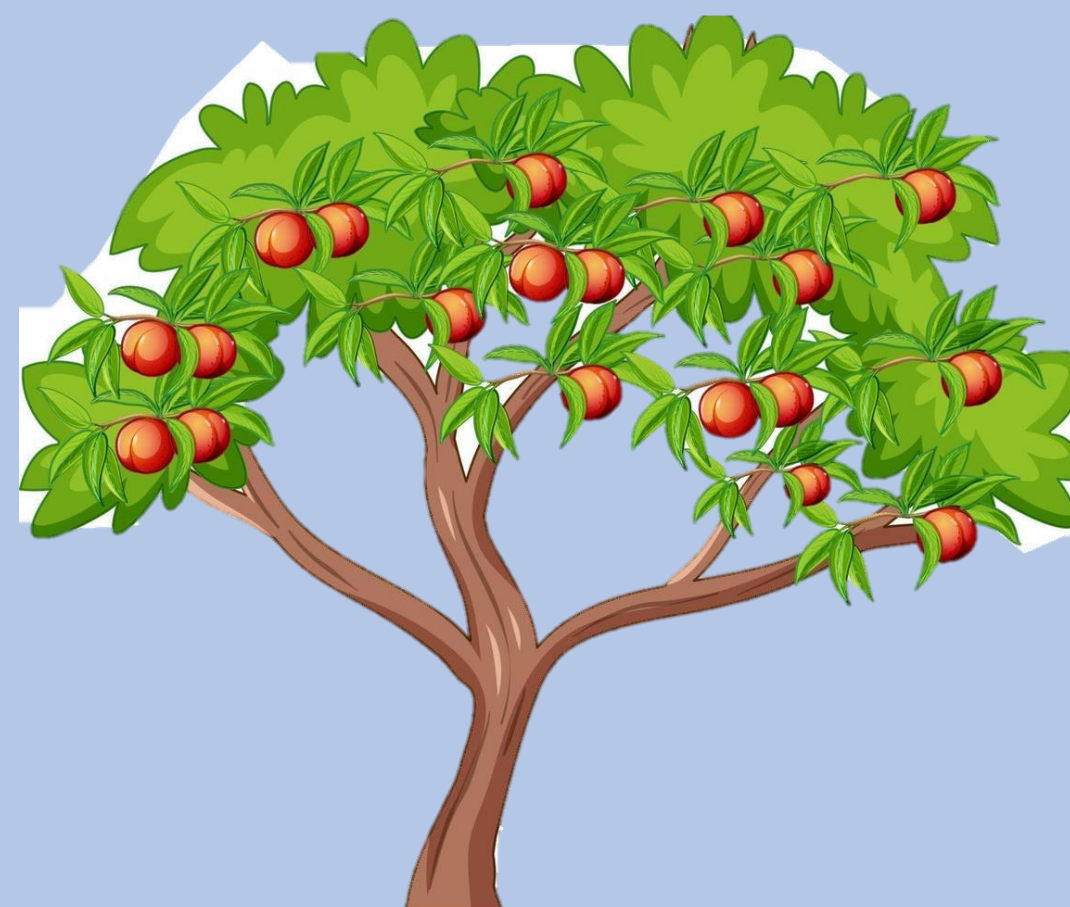
Aux



-2

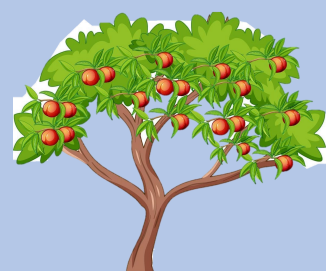


Périodes :  - 1 - 2





3



5

Travaux en vert



Moniliose
Oïdium
Cloque
Maladies de
conservation



Maximum 2
reductions & taille / an
Pas 2 périodes de suite



Effet préventif -2



Effet curatif -1

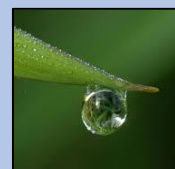


Tox



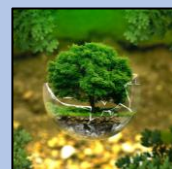
0

Rés



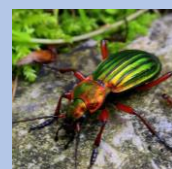
0

Eco



0

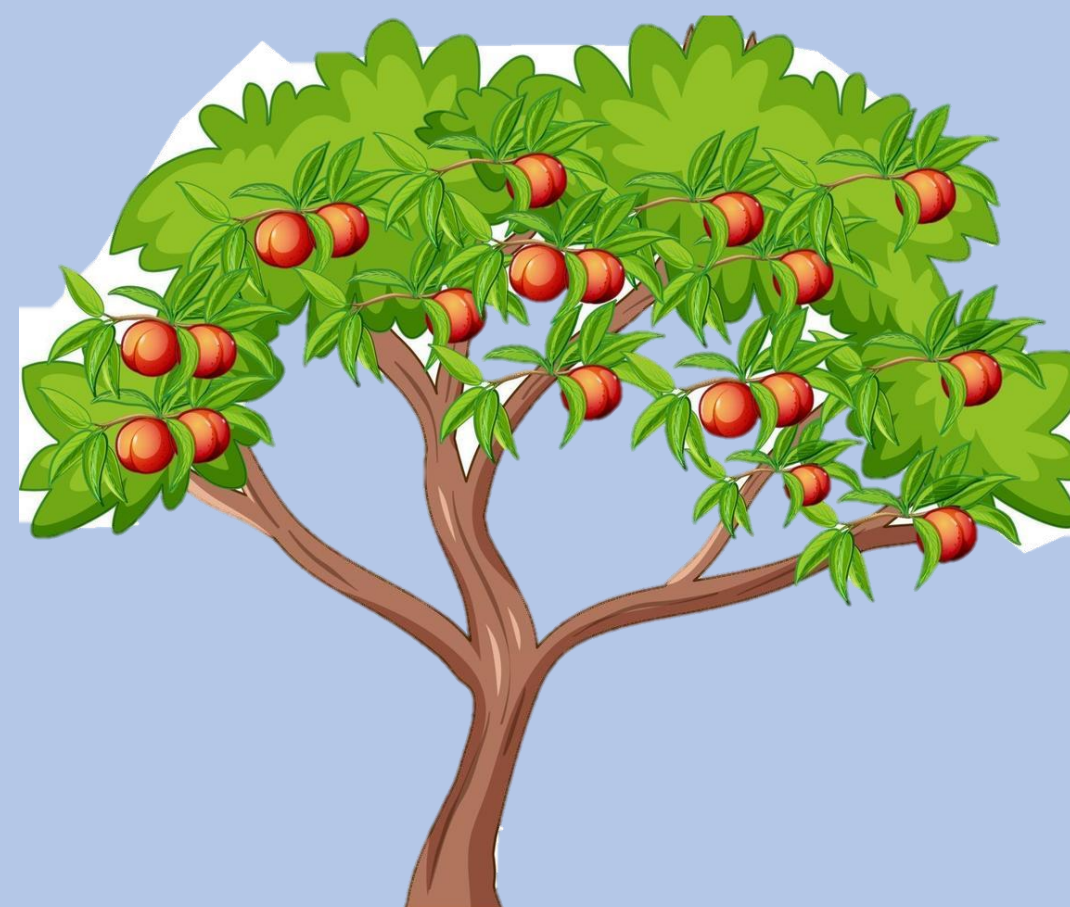
Aux



0

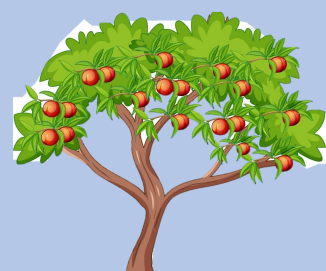


Périodes : 3 à 5





2



4

Réduction de la vigueur des arbres



Pucerons
Acariens
Oïdium
Moniliose
Maladies de conservation



Maximum 2
reductions & taille / an
Pas 2 périodes de suite



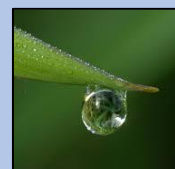
Effet préventif -2

Tox



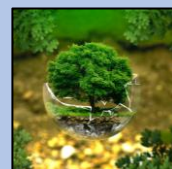
0

Rés



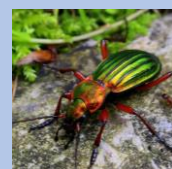
0

Eco



0

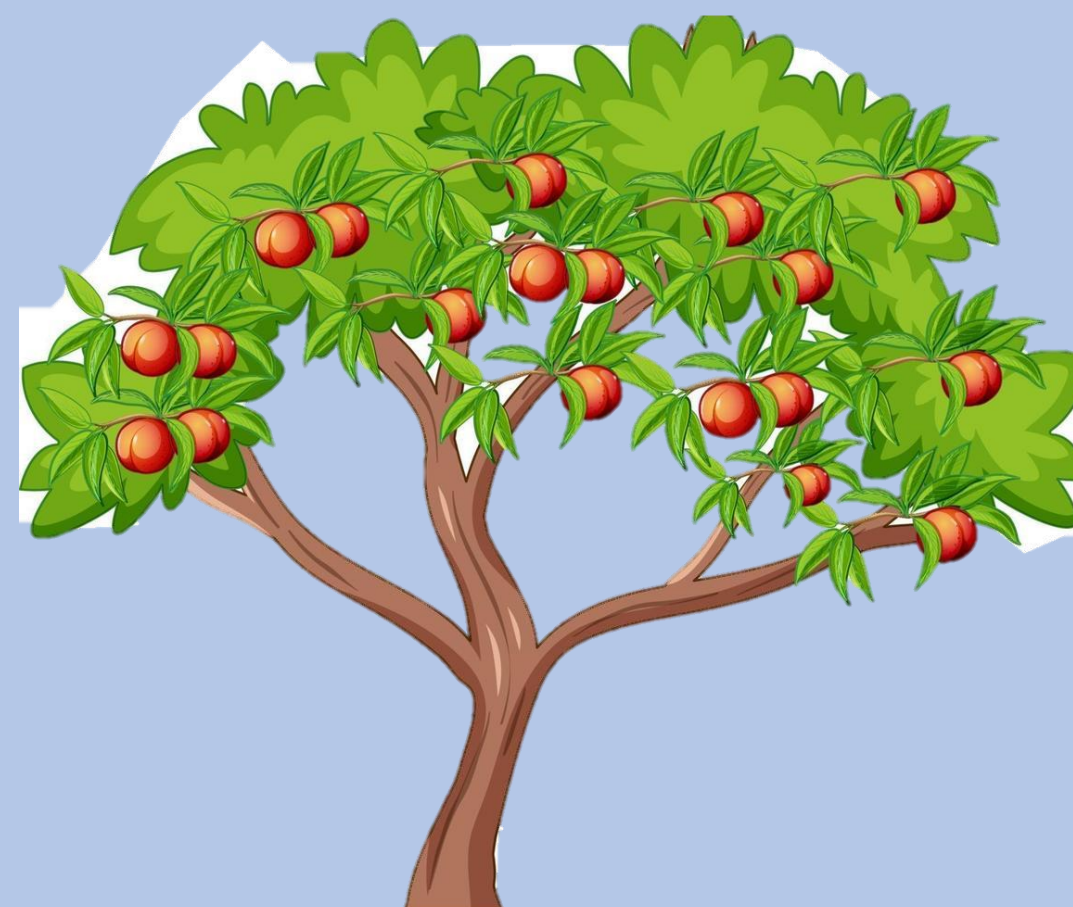
Aux



0

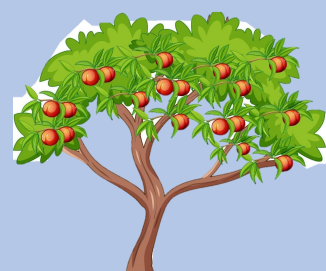


Périodes : 1 à 4





1



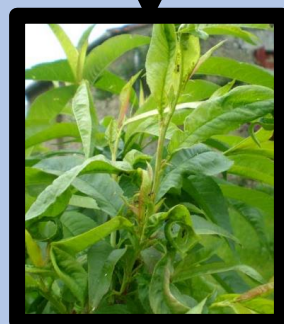
2

Poudre de roche

Kaolin



Pucerons



Effet préventif

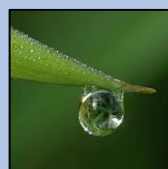
-2

Tox



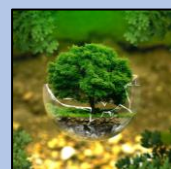
+1

Rés



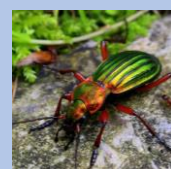
0

Eco



0

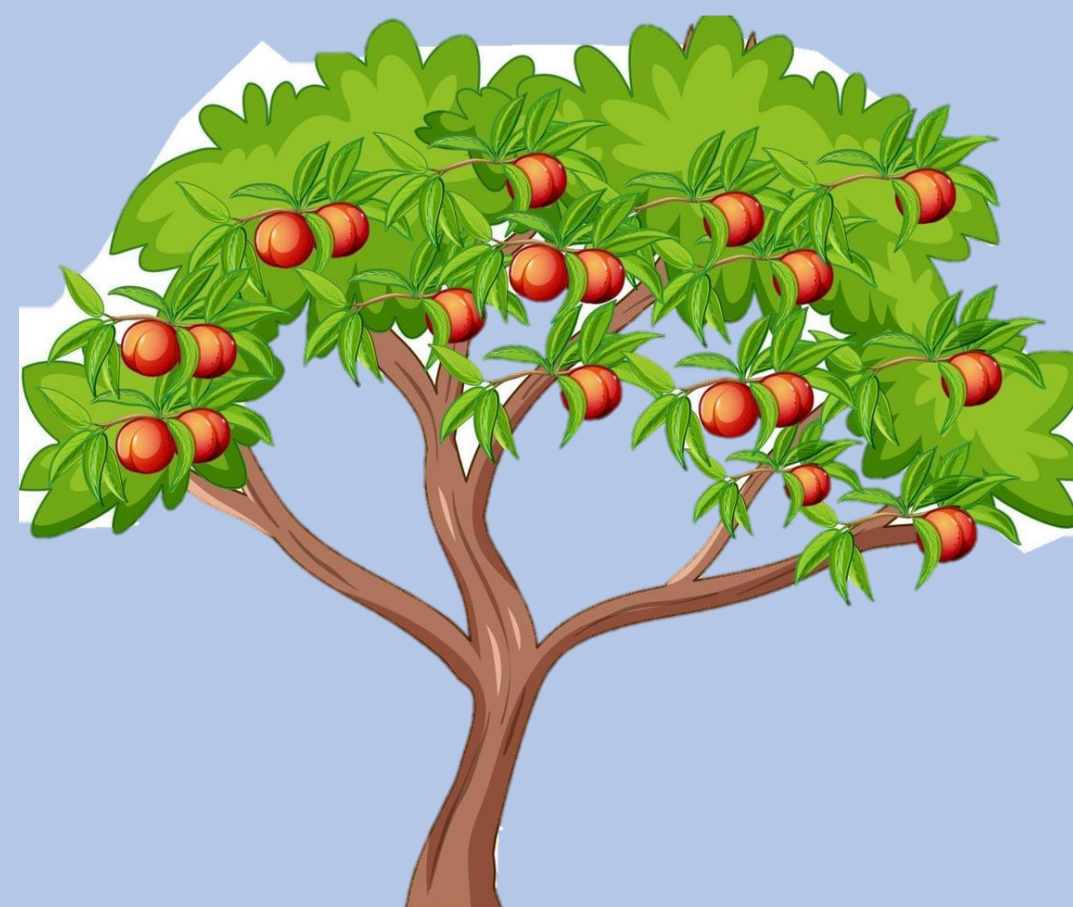
Aux



0



Périodes : 3 & 4



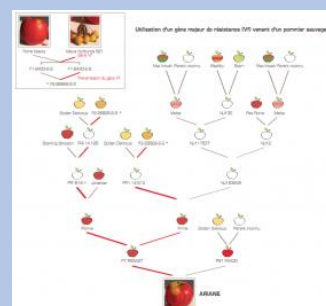


5

Pour 1 seul
bioagresseur



Variété résistante



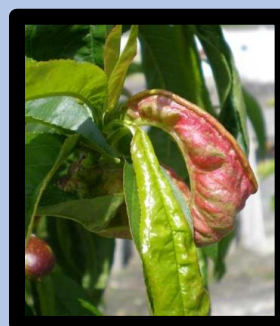
Cloque
Moniliose



Effet préventive

- À chaque période- 3

- À combiner avec d'autres
méthodes 2 fois durant la
saison pour conserver
l'efficacité > si non - 2

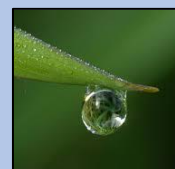


Tox



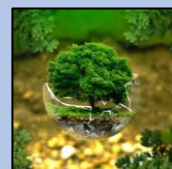
0

Rés



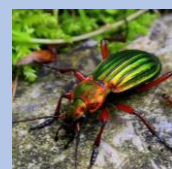
0

Eco



0

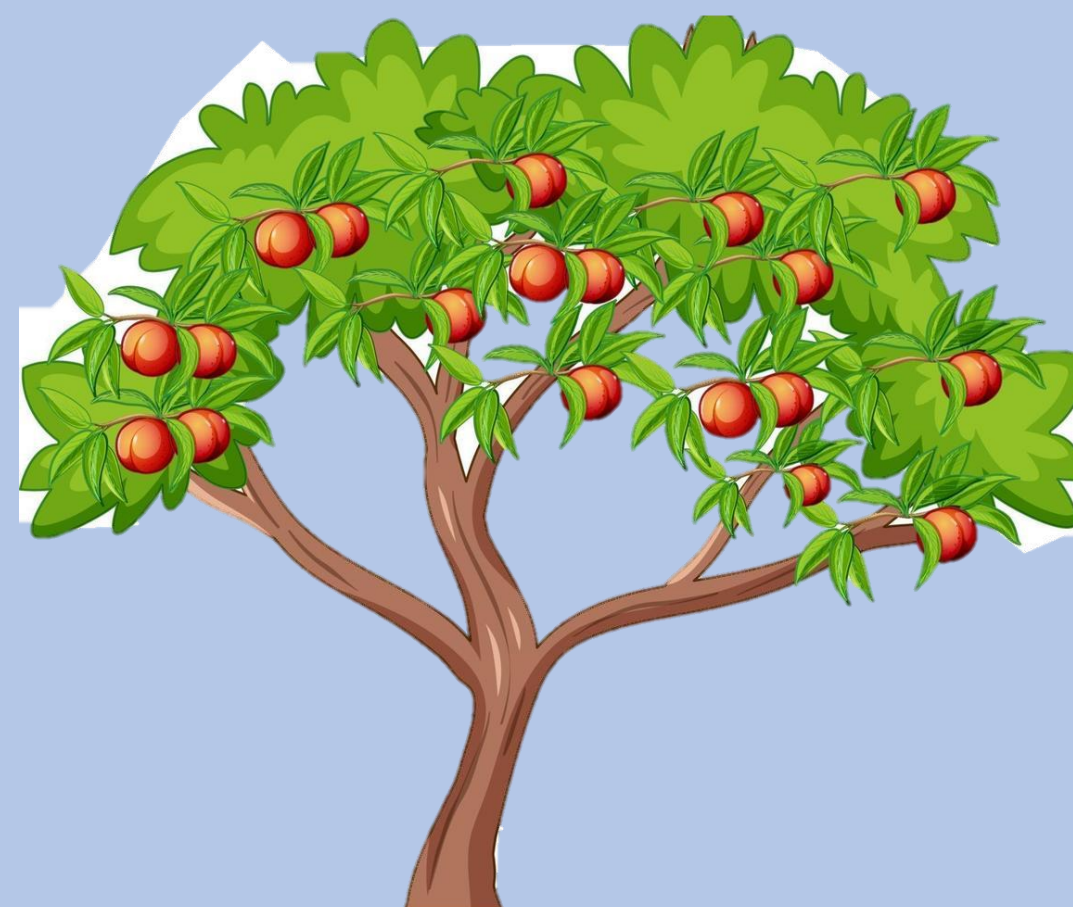
Aux



0

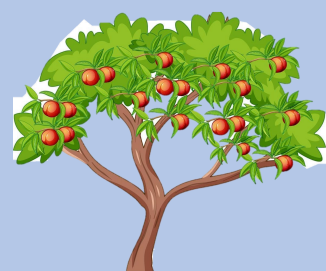


Période :





3



4

Bâche anti-pluie



Moniliose



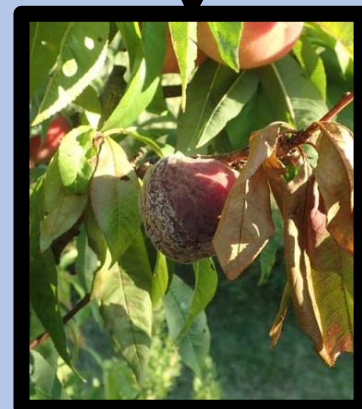
Acariens +1

À chaque période



Effet préventif -2

À chaque période

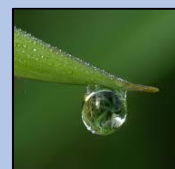


Tox



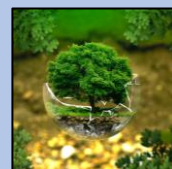
0

Rés



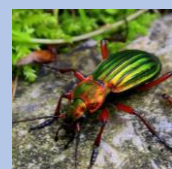
0

Eco



0

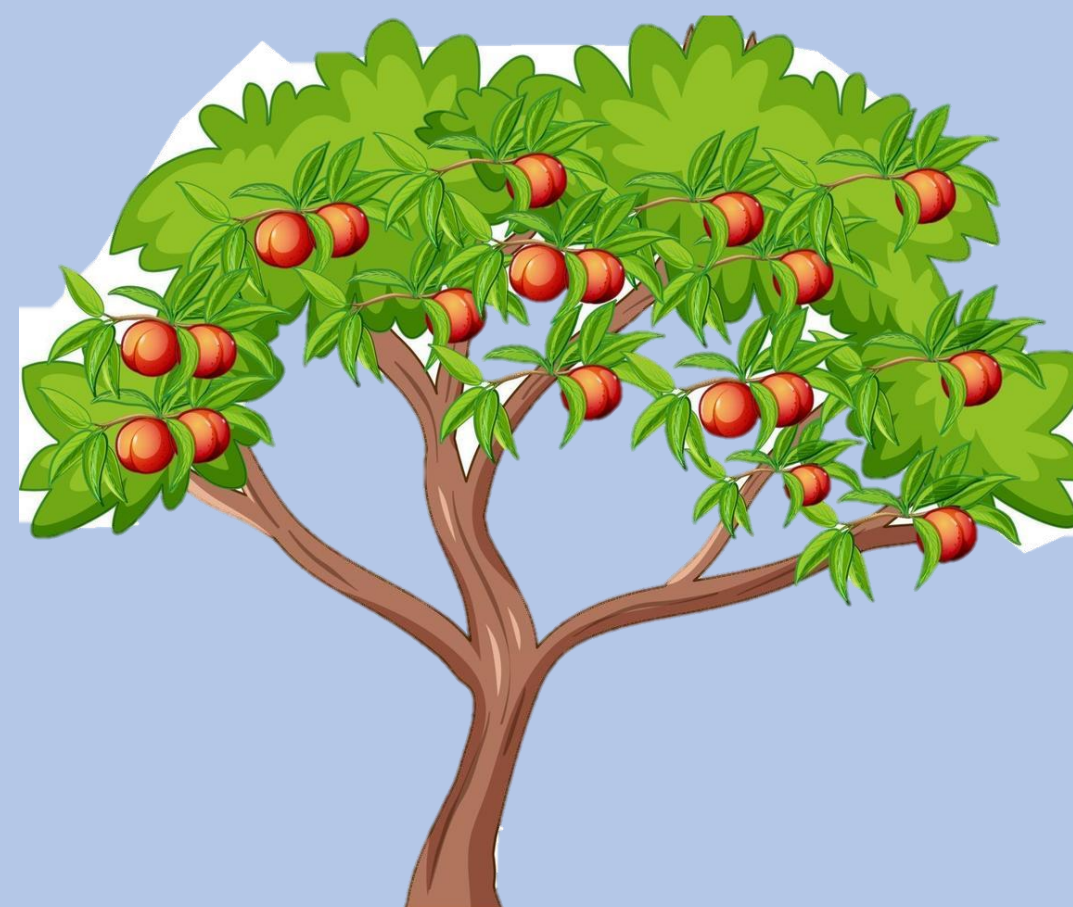
Aux



0

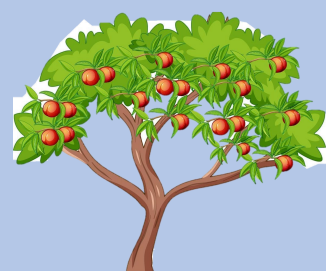


Période :



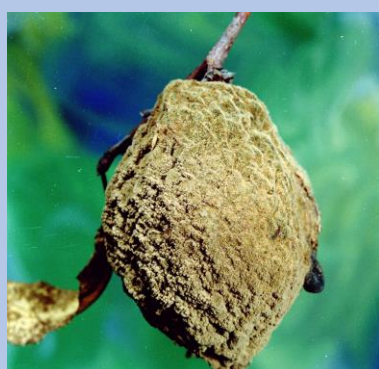


2



3

Ramassage des momies



Moniliose



Effet préventif

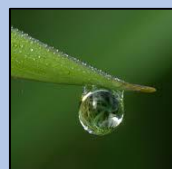
Prévient les
contaminations primaires

Tox



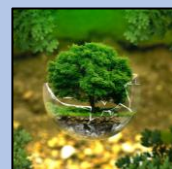
0

Rés



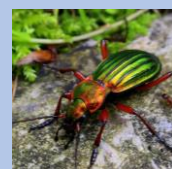
0

Eco



0

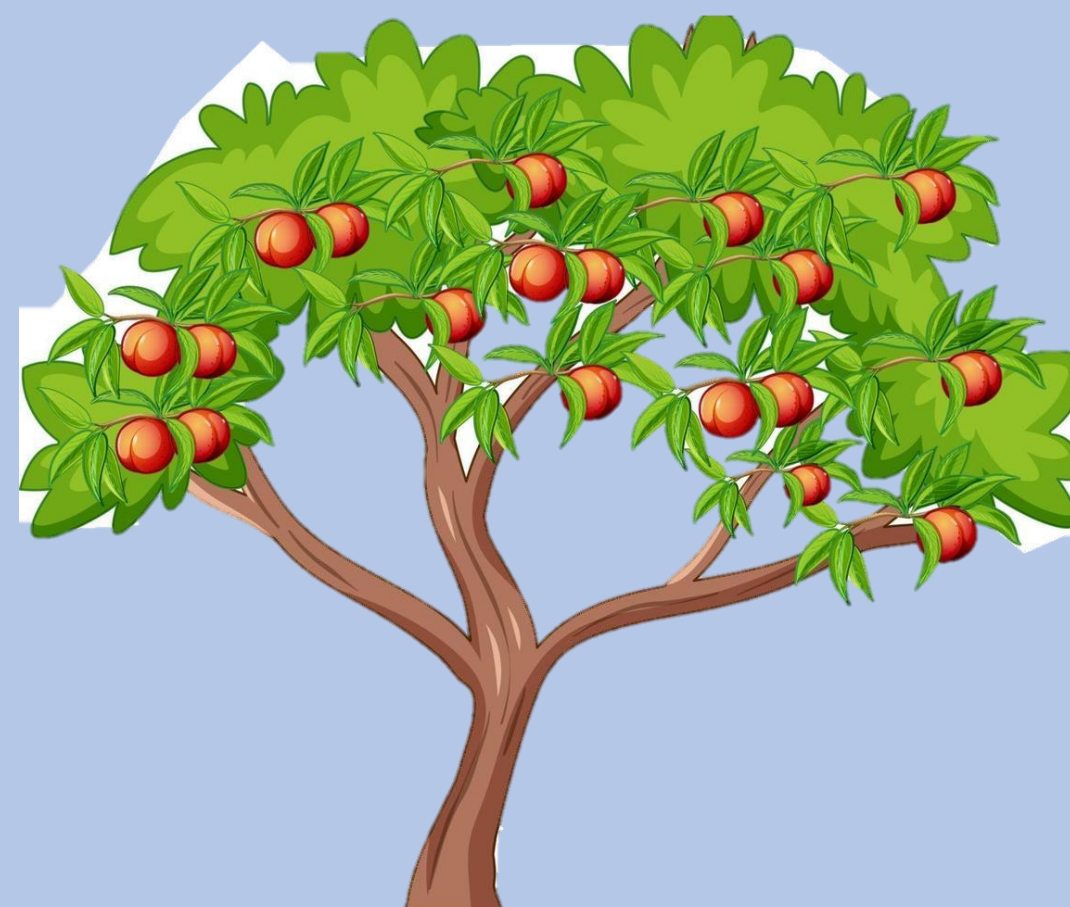
Aux

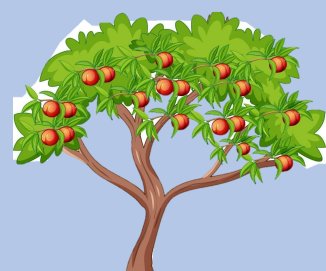


0



Période :

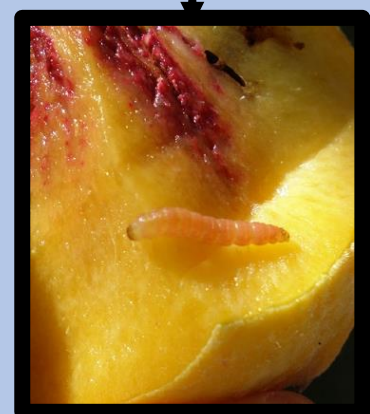




Éco-pastoralisme



Tordeuse orientale



Effet préventif -2



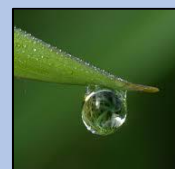
Effet curatif -1

Tox



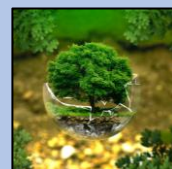
0

Rés



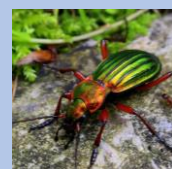
0

Eco



0

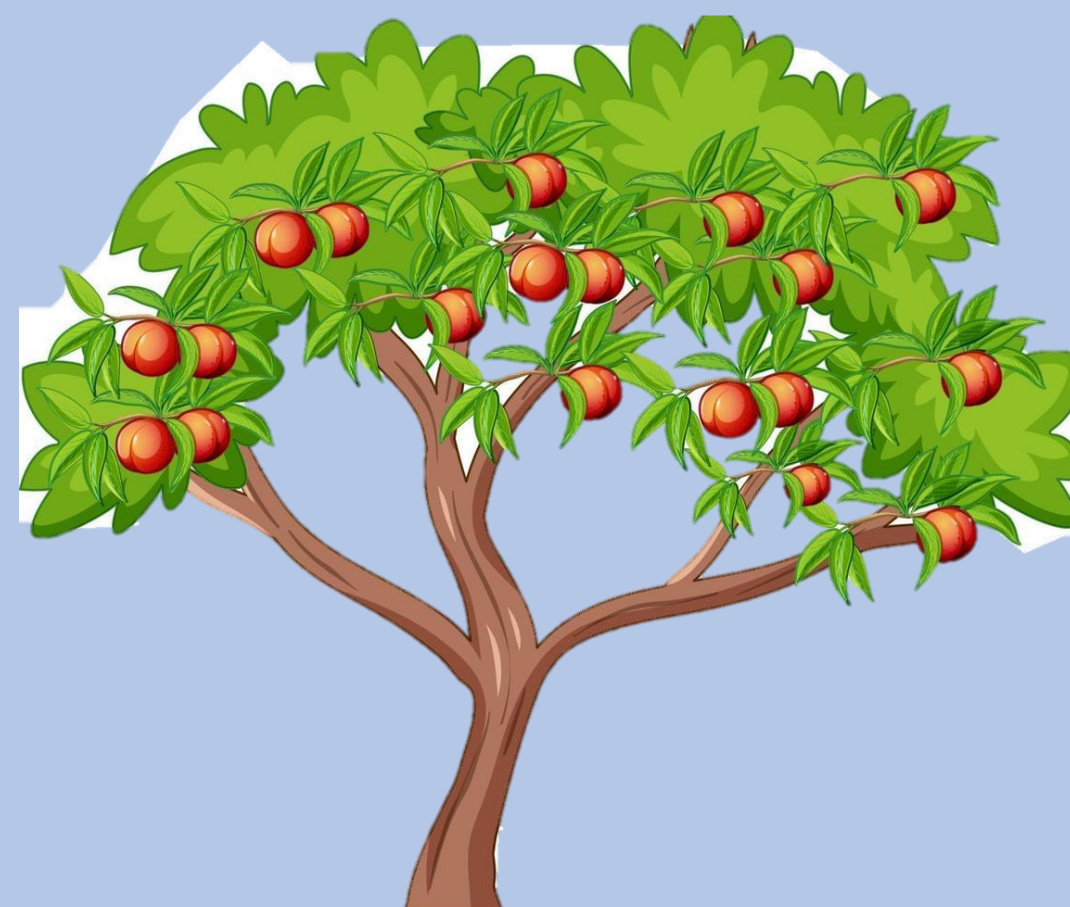
Aux



0

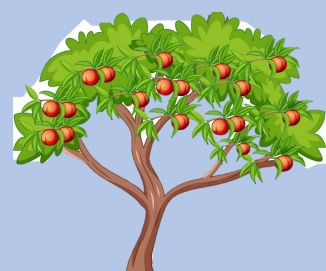


Période : 1 à 3





3

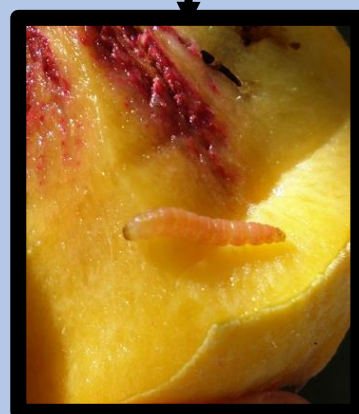


3

IAE > oiseaux et chauve-souris



Tordeuse orientale



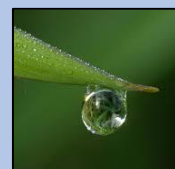
Effet préventif -2

Tox



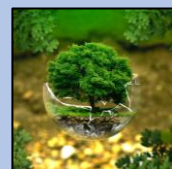
0

Rés



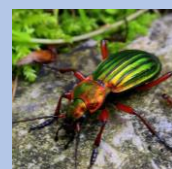
0

Eco



-1

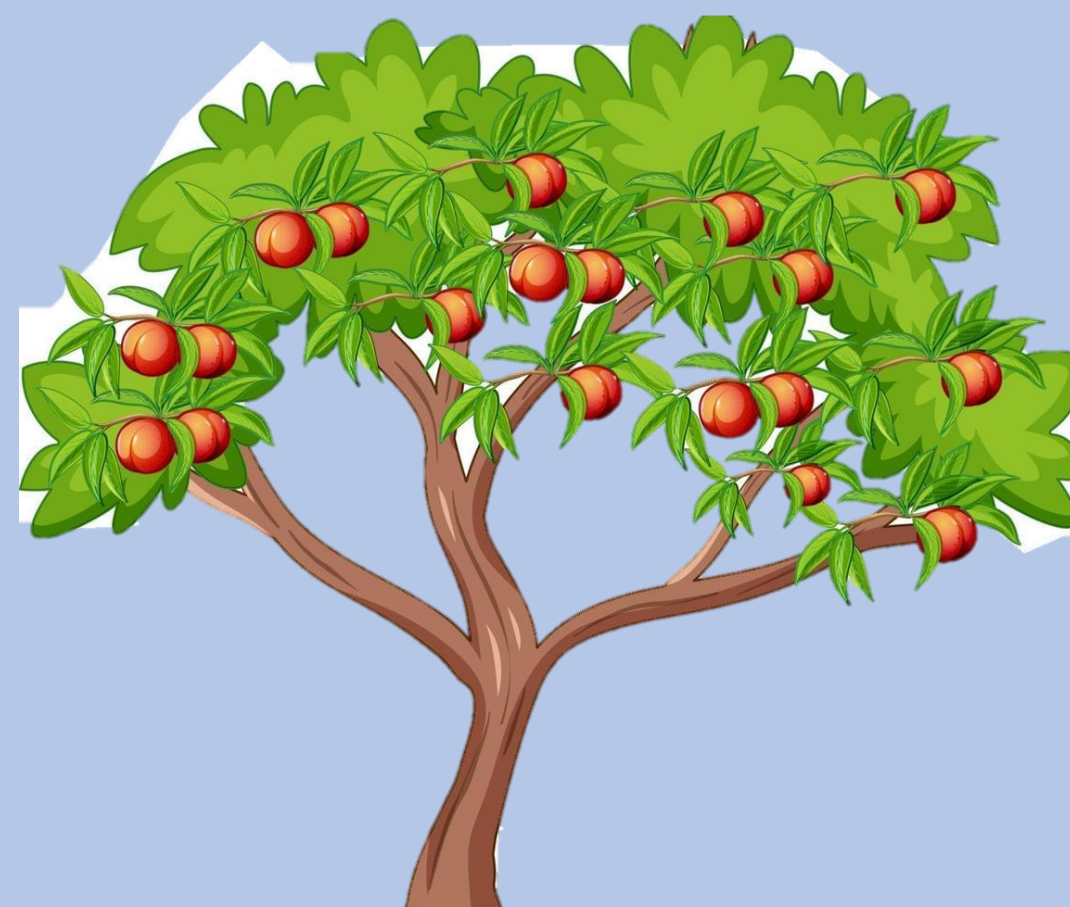
Aux



-1



Période :





2

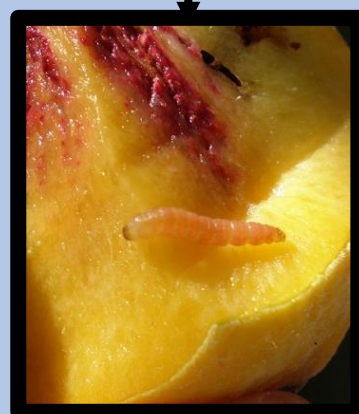


1

Augmentorium



Tordeuse orientale



*Effet préventif
pour 2 périodes*

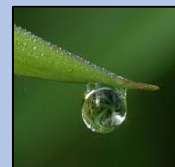
- 1

Tox



0

Rés



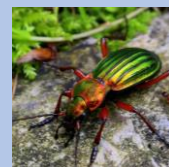
0

Eco



0

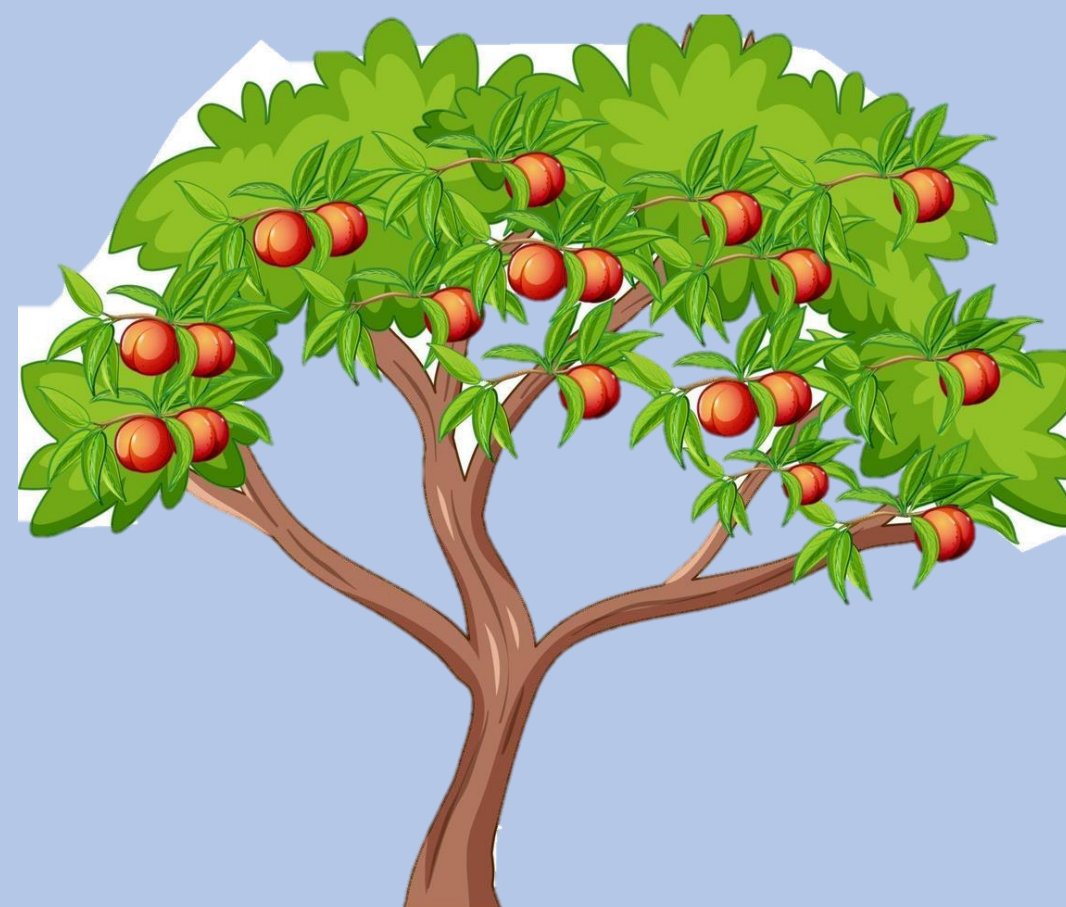
Aux



-1

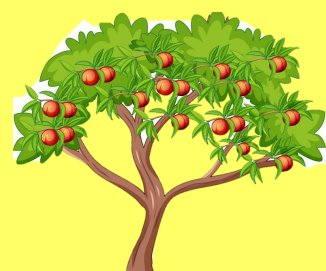


Période :  1 à 4





2



1

Outil d'aide à la décision (OAD)



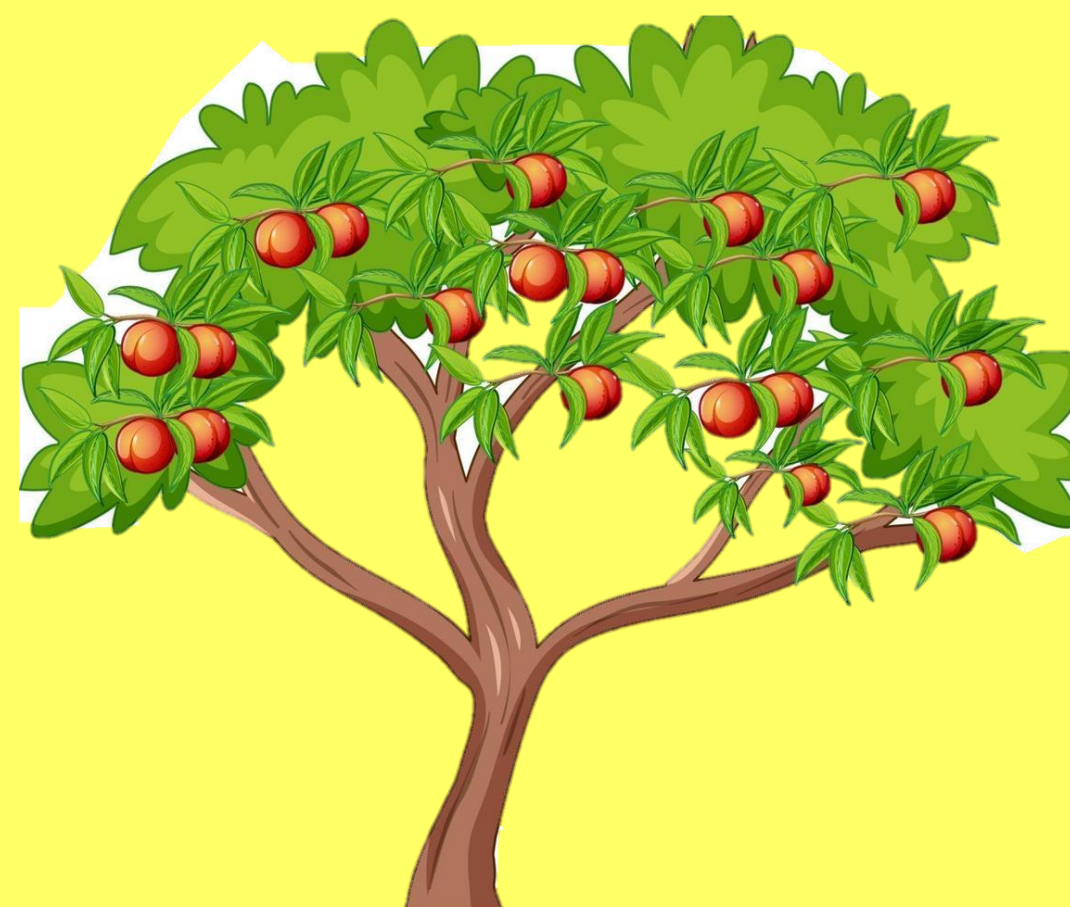
Thrips californien



*Donne la possibilité de
jouer une carte
« méthodes préventives »
le prochain tour après
tirage de la météo*

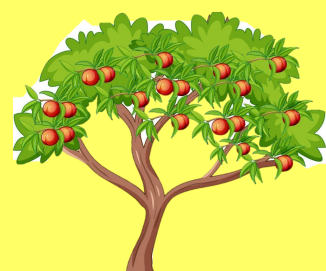


Période : 1 à 4





+1



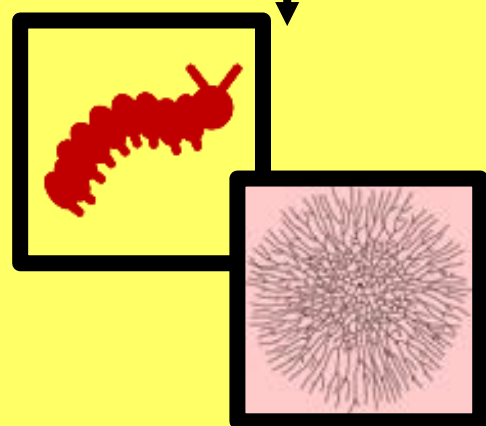
+1

/ bioagresseur

Systeme support pour l'application



Tous



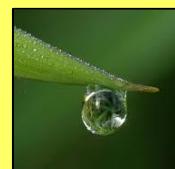
À jouer avec pesticide
et biocontrôle pour réduire
les impacts

Tox



0

Rés



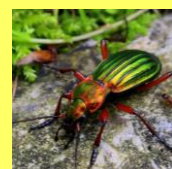
-1

Eco



-1

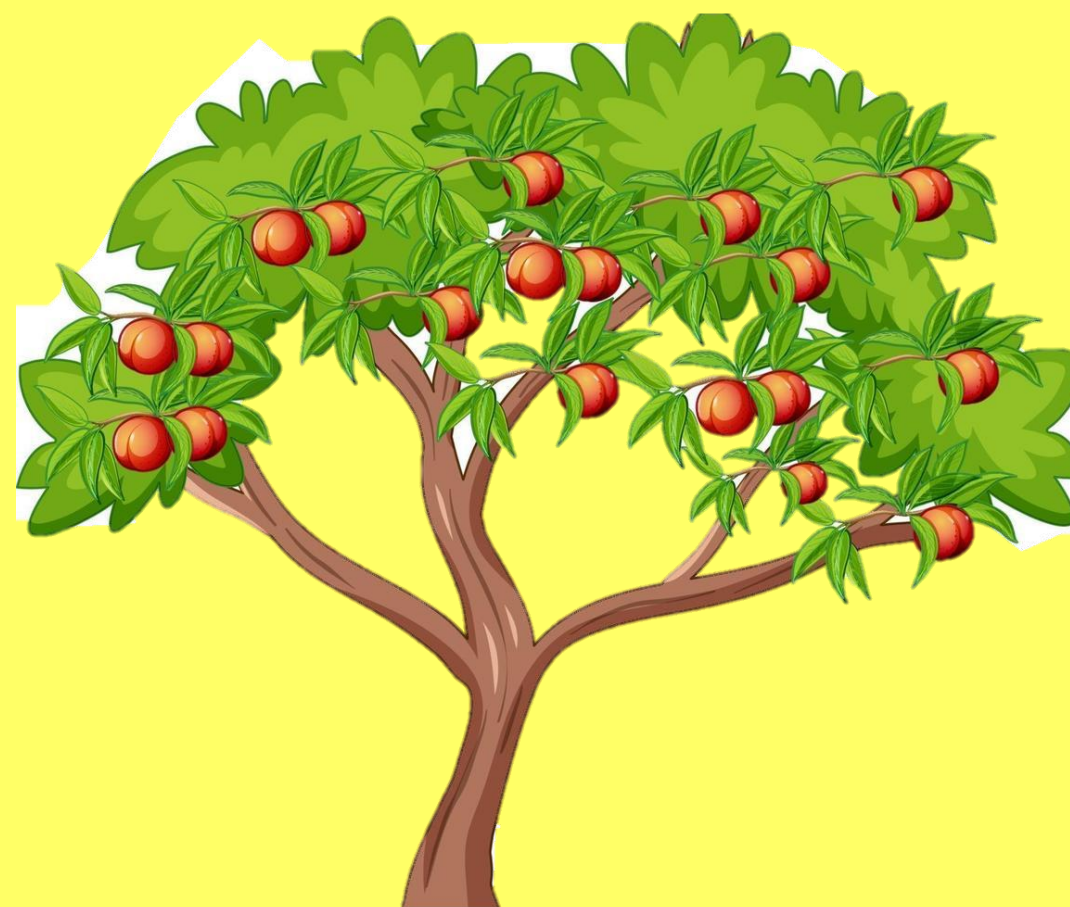
Aux



-1

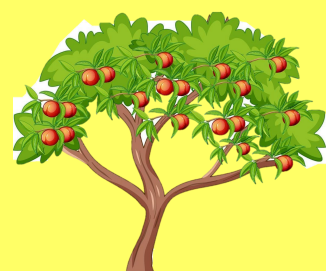


Périodes : 1 à 5





+2



+1

Pulvérisateur à faible dérive



Tous



***À jouer avec pesticide
ou biocontrôle pour réduire
les impacts***

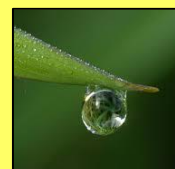


Tox



-1

Res



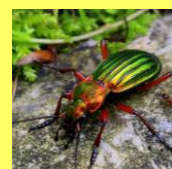
0

Eco



-1

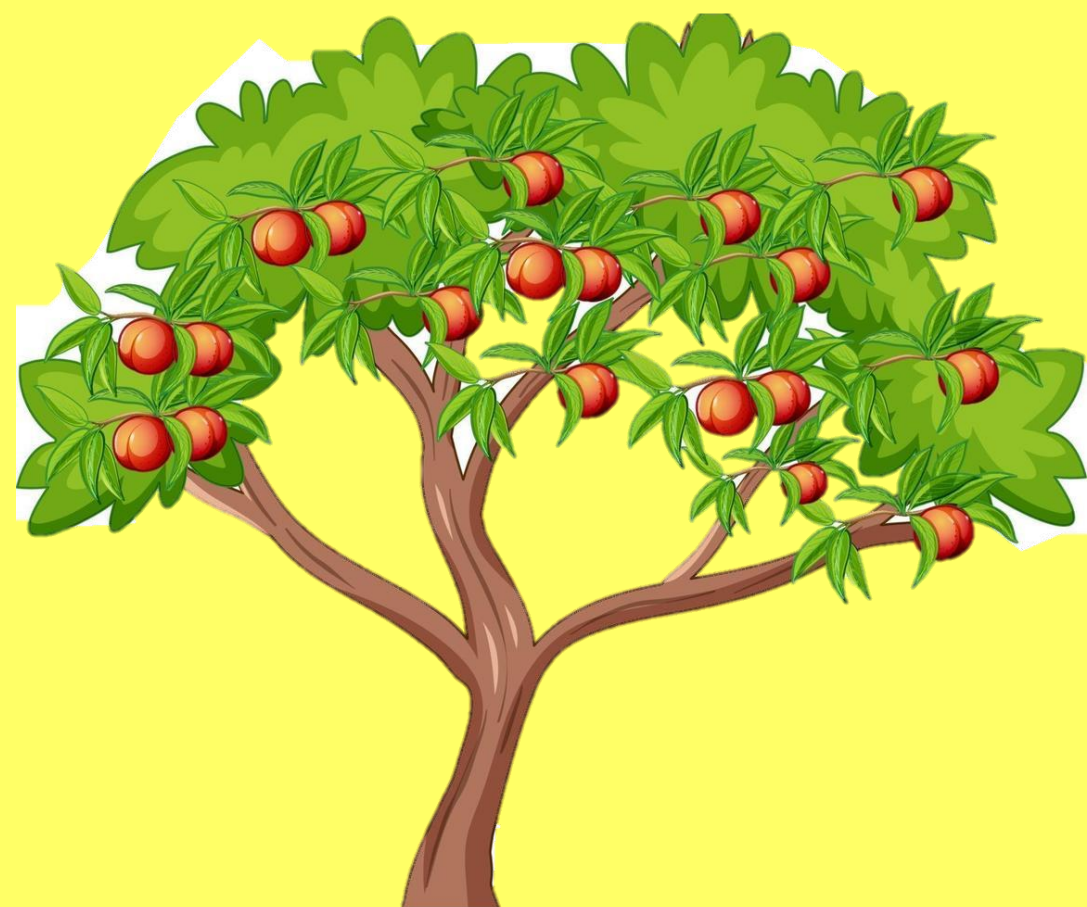
Aux



-1

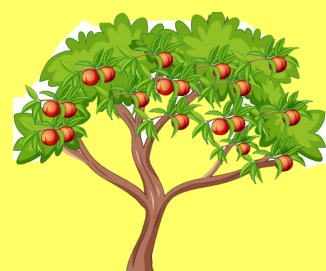


Périodes : 1 à 5





+1



0

Adjuvant



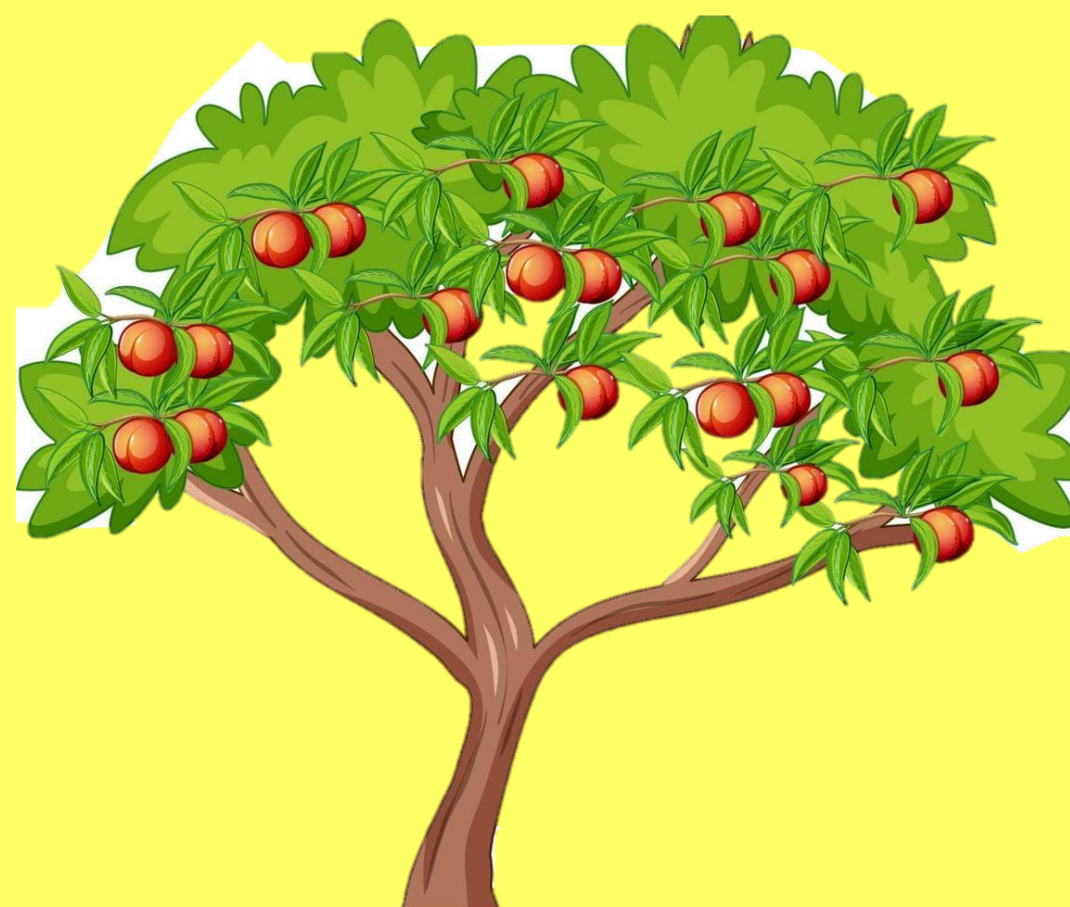
Tous



*À jouer avec un produit de
biocontrôle pour permettre une
application par temps sec*

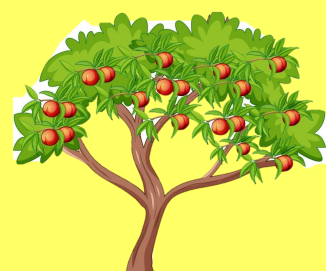


Période : 1 à 5





+2



0 / 1

Seul

Biostimulant



Tous



Effet préventif

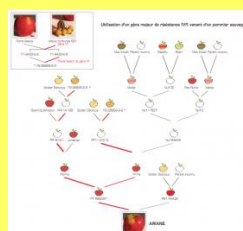
Seul pour les bioagresseurs
dont la pression est égale
à 0 ou le risque ≤ 0

-1



Peut améliorer l'efficacité
des microorganismes, des
substances naturelles,
des SdB et du Cu

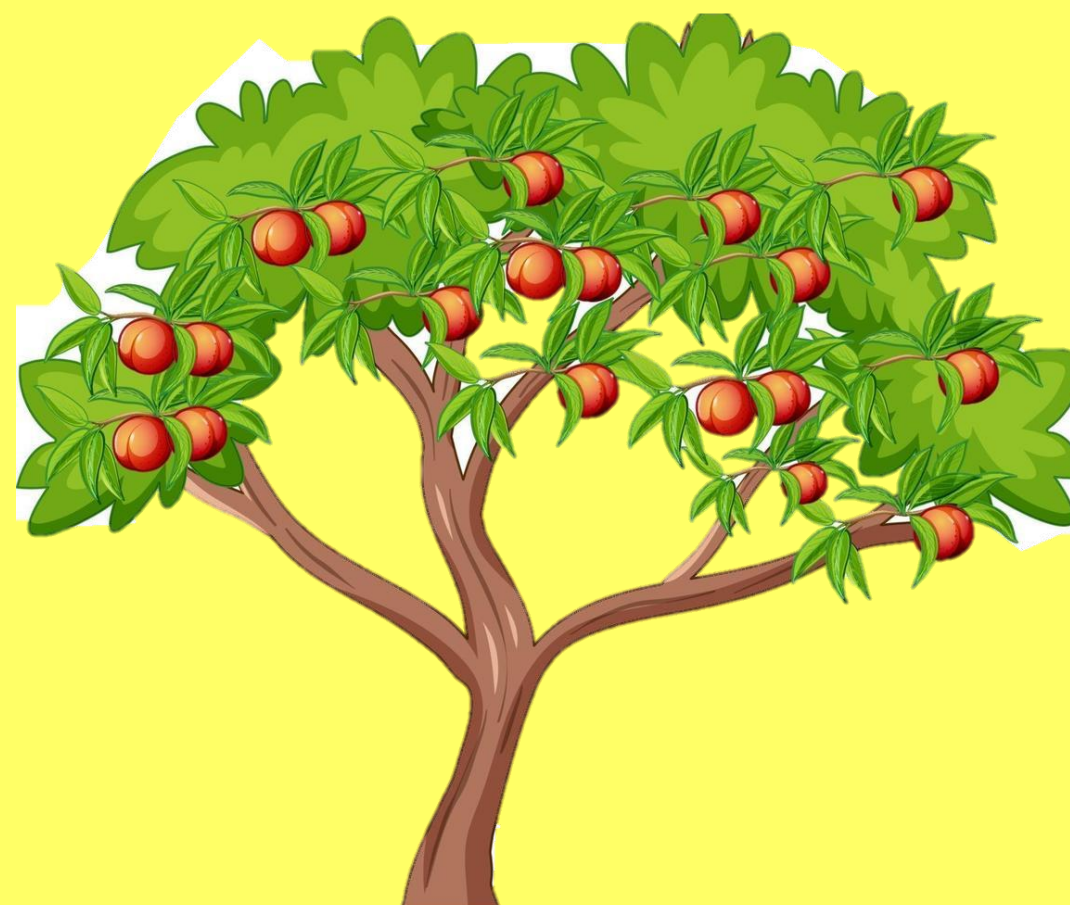
+1



Maintient la durabilité
de la résistance variétale
= 1 solution

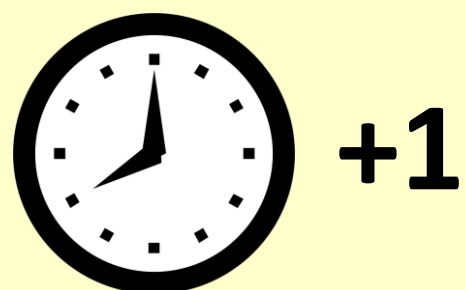


Périodes : 1 à 4





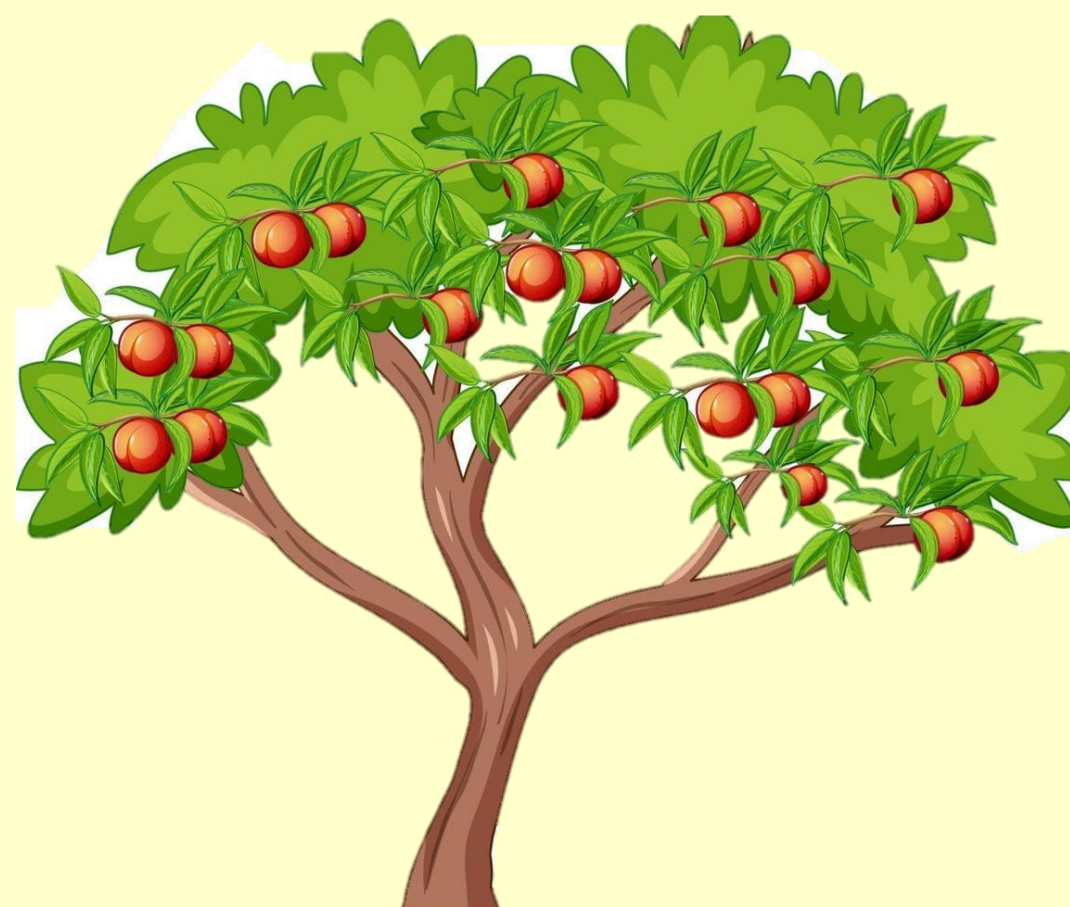
ETA ***(Entreprise de*** ***Travaux Agricoles)***



*Cette unite de temps doit être
consommée durant la période*

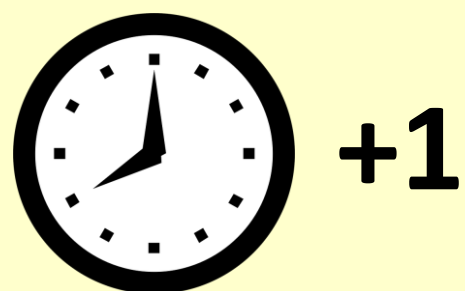


Période :  1 à 5





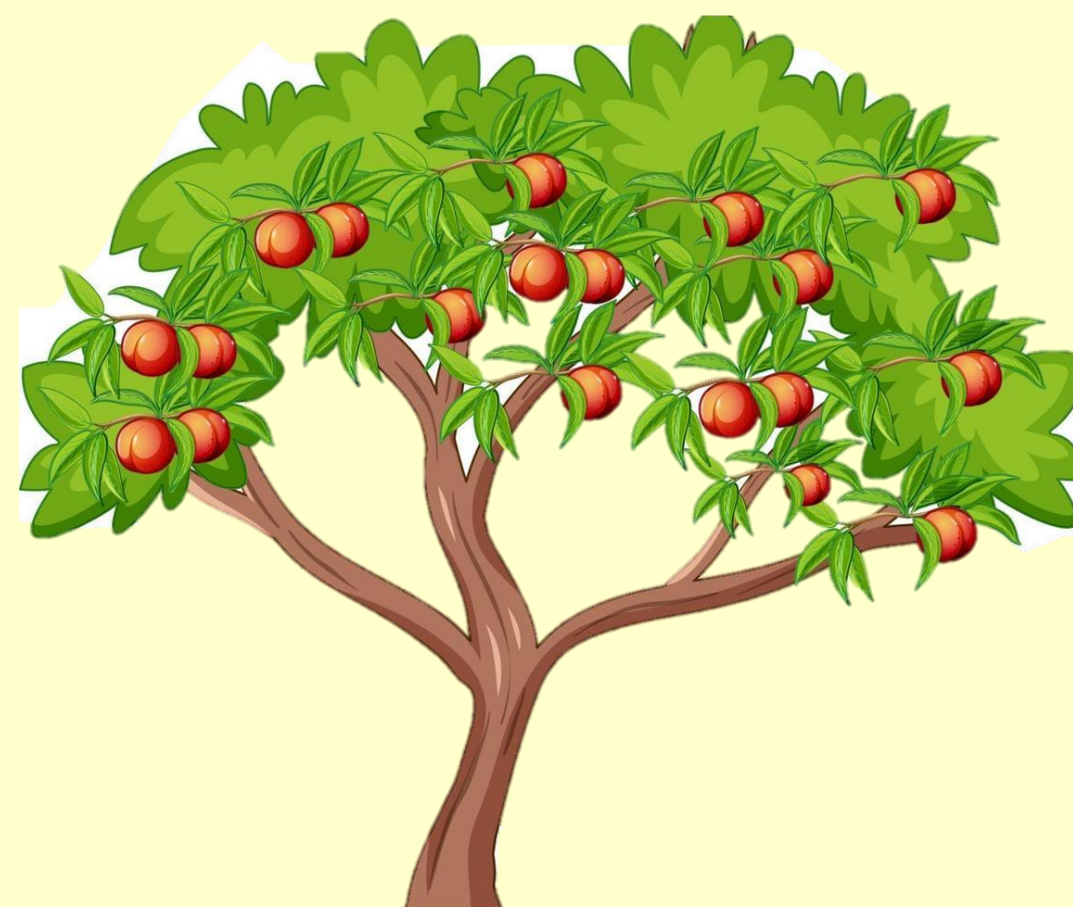
Traitements associés



*Vous gagnez 1 unite de temps quand
vous appliquez 2 produits de
biocontrôle ou 2 pesticides*



Période : 1 à 5





Association biocontrôle et ½ dose de cuivre



**Cloque
Moniliose**



Effet préventif +1
L'efficacité du Cu
est diminuée



+1

*Vous gagnez 1 unite de temps
quand vous appliquez cette association*

Et vous réduisez l'impact du Cuivre

Tox



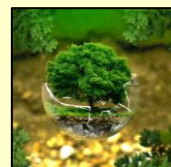
-1

Rés



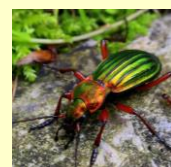
-1

Eco



-1

Aux



-1



Période : 1 à 5

