













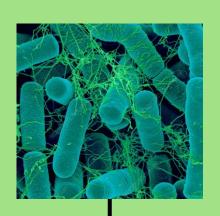






### Biocontrol insecticide

**Bacillus thuringiensis** 





Oriental moth



Maximum 2 treatments/year.





Curative effect

- 4

Tox



Res



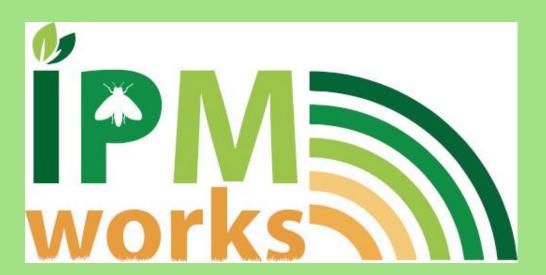




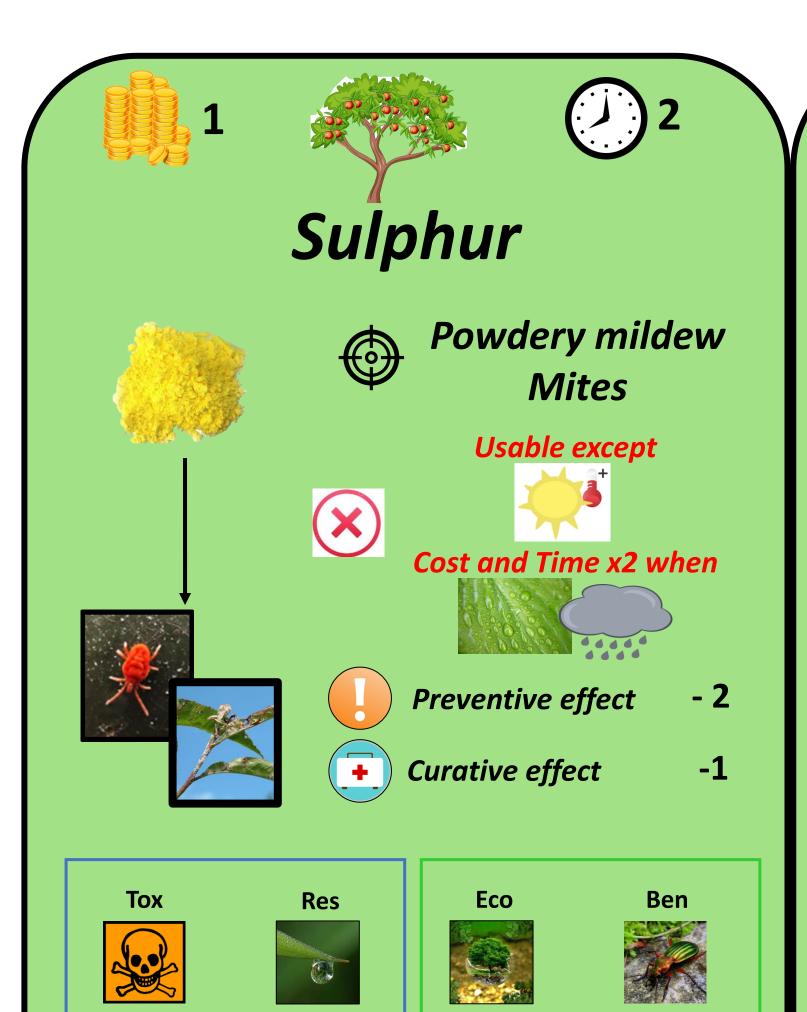


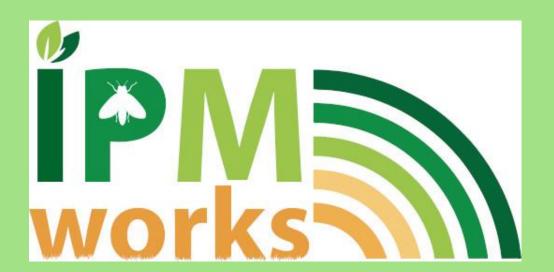
0















+2

+2

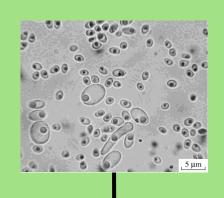






# Microorganisms

B.subtilis, M. fructicola, S.cerevisiae





**Brown rot** 









Preventive effect

- 2









0









0



Crop cycle: 3 - 4











## Microorganisms

**B.bassiana** 





Western flower thrips













Preventive effect















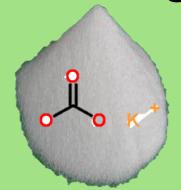








# Potassium hydrogen carbonate





Brown rot
Powdery mildew
Storage diseases

**Usable except** 







Preventive effect -



Curative effect -1
Only in association with sulphur





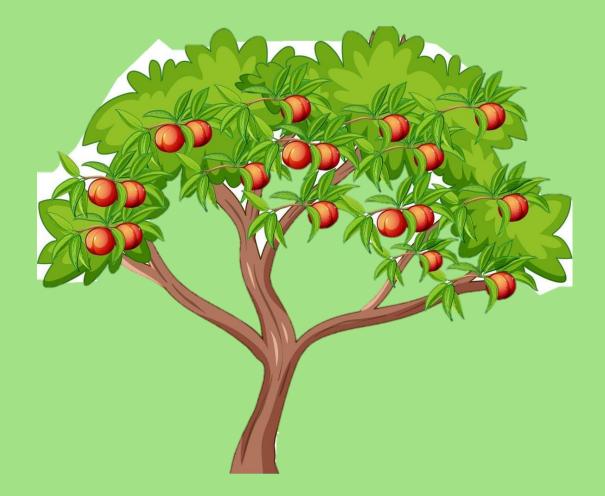




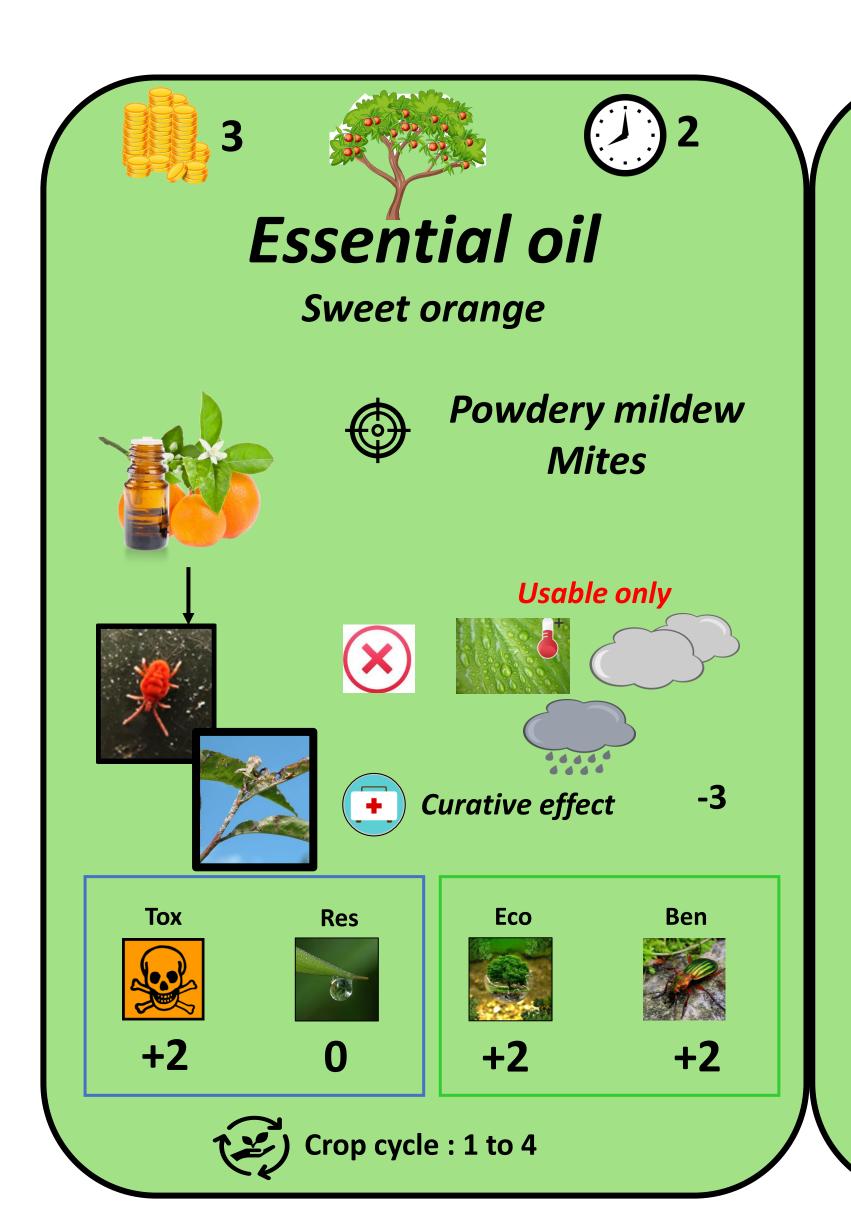






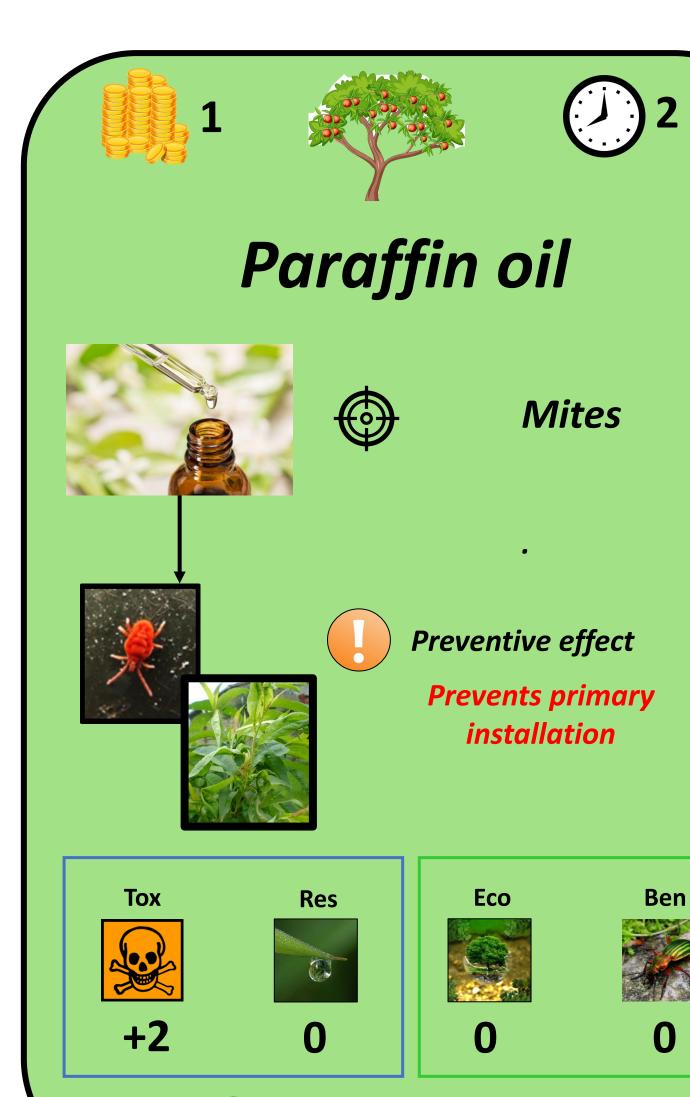




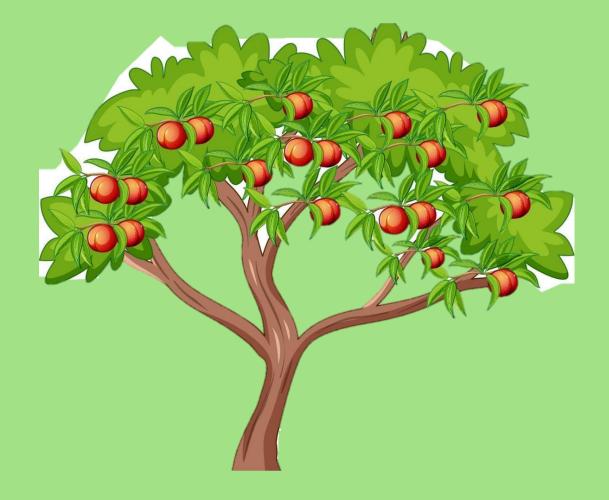




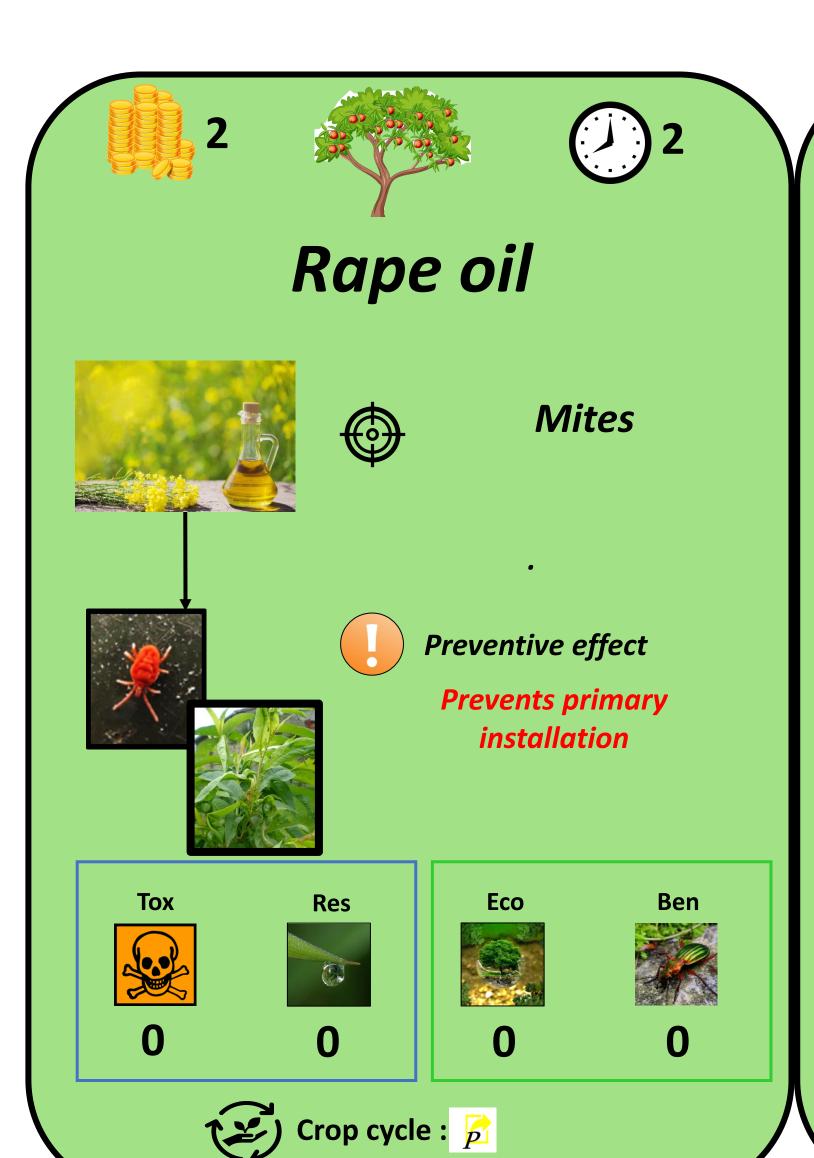




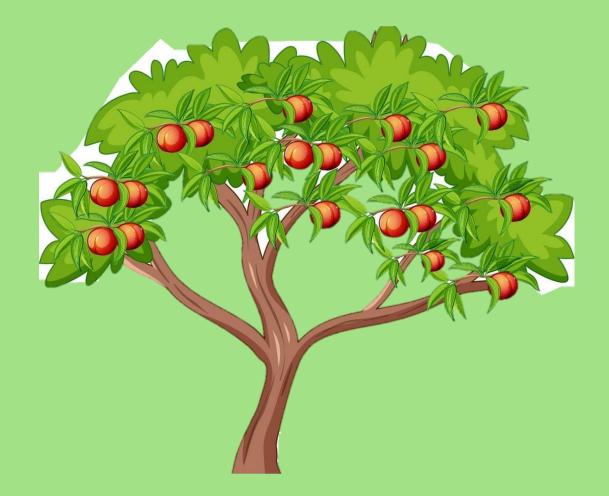










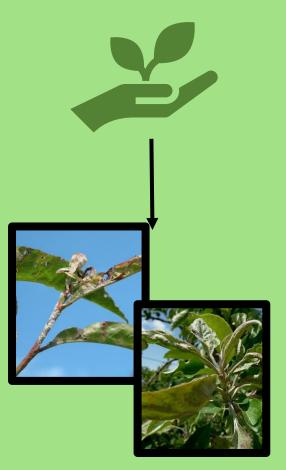






### Basic substances

Equisetum – Salix - Lecithin





\* Non approved on peach tree



Preventive effect

-1

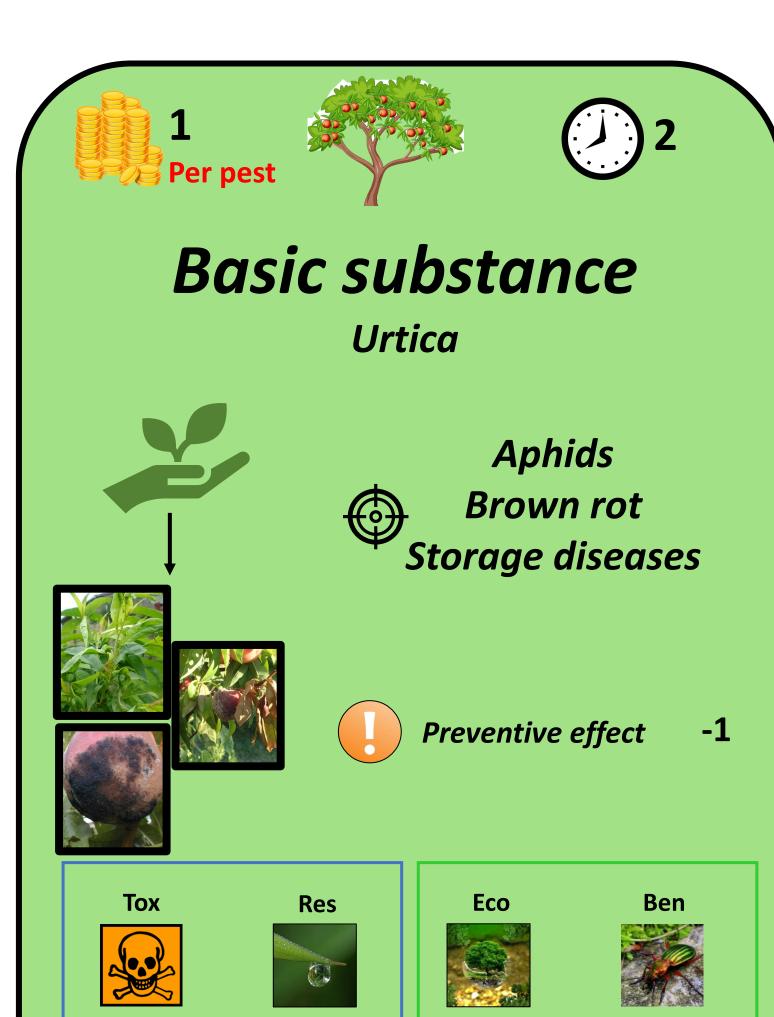










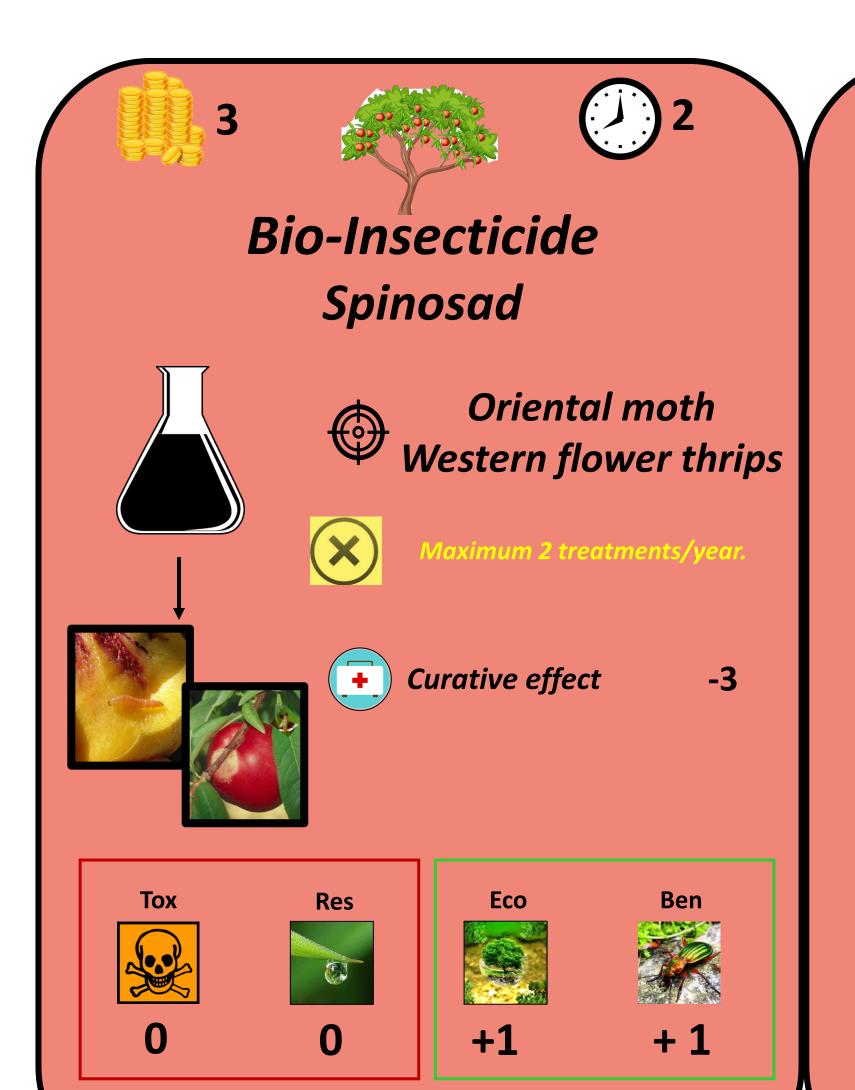








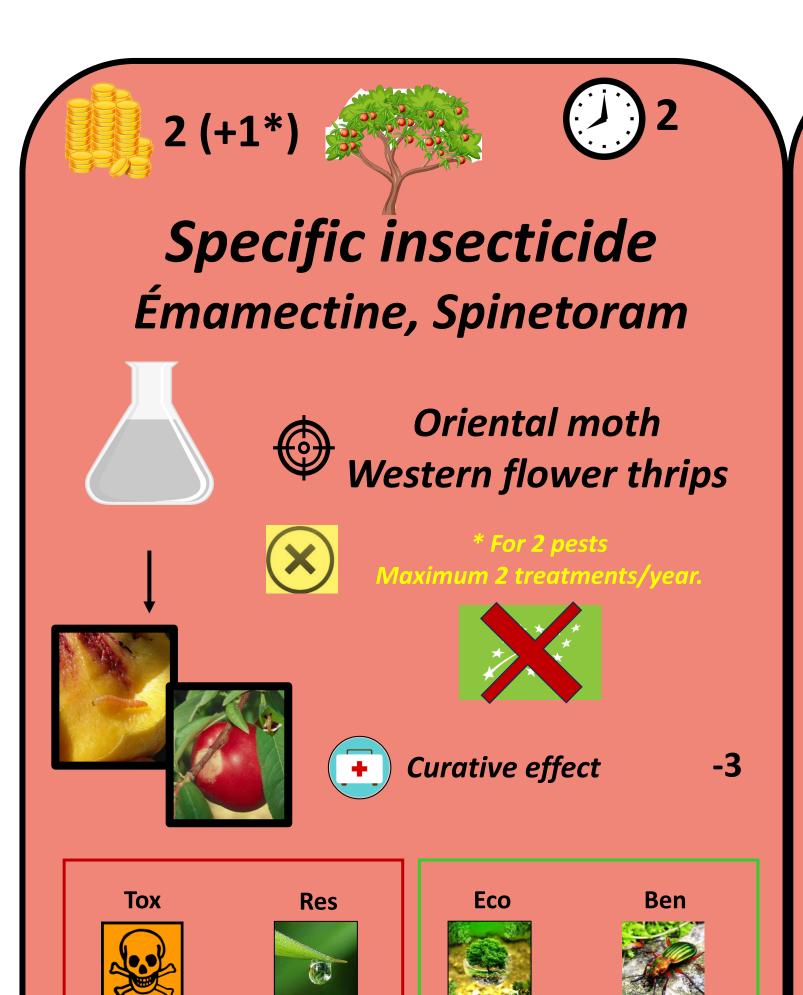
Crop cycle: 3 - 4





















### Copper – captan - dodine





Leaf curl **Brown rot** 



Cost x2 when





x2 in periods 4&5



Preventive effect - 2



Curative effect -1































## Specific fungicides Storage diseases





Storage diseases





κ2 in period 5







Preventive effect



Curative effect - 4









+3×

Eco



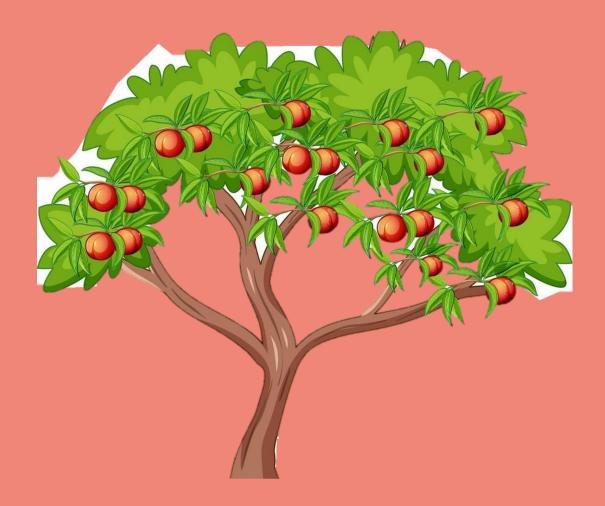


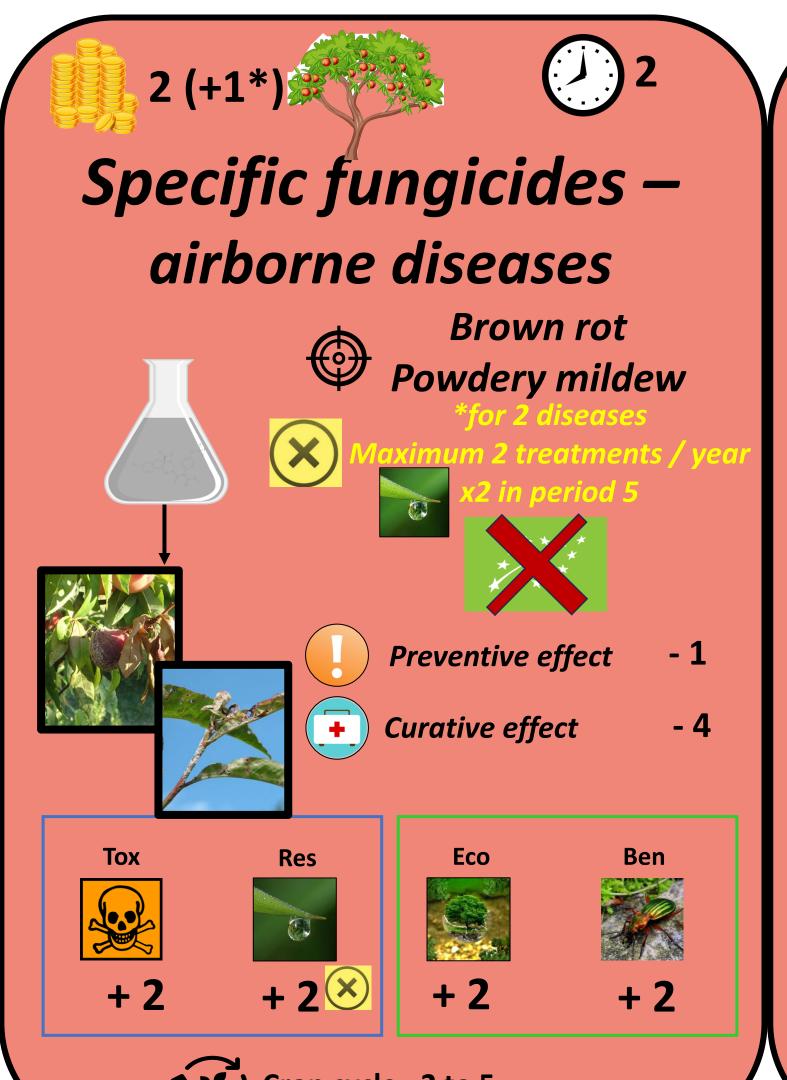


+ 2





























### **Aphicids** flonicamid - spirotetramat





**Aphids** 



Maximum





Curative effect

Tox



Res

Eco



+ 2

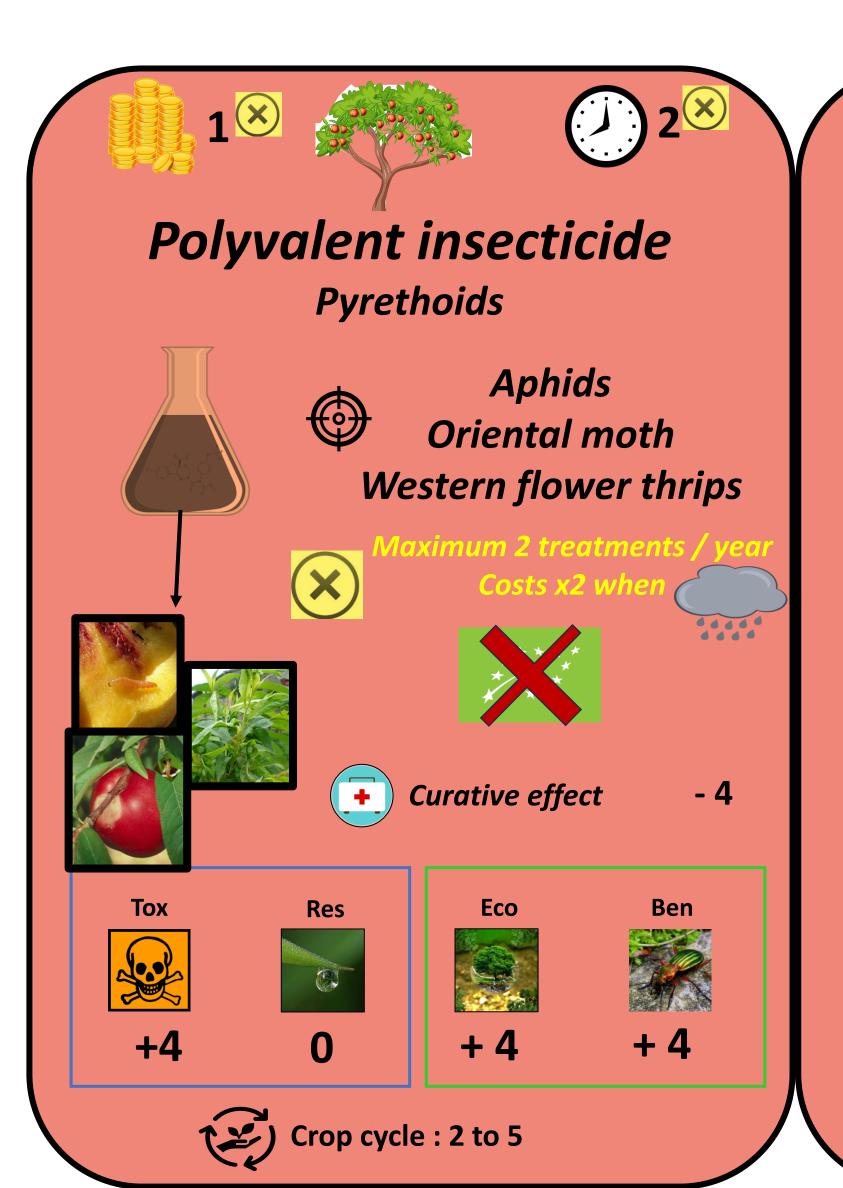


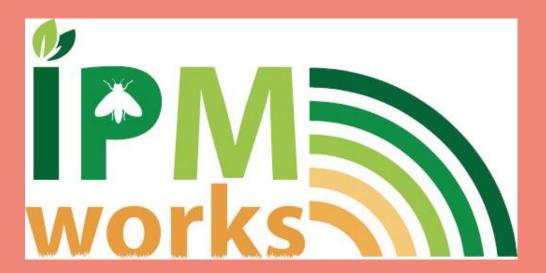
+3













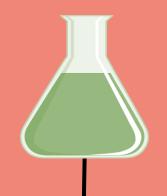






### Specific fungicide

Cyprodinil & fludioxonil Fenpyrazamin, Isofetamid





**Brown rot** 



Maximum 2 treatements/year x2 in period 5





Curative effect

- 4

Тох



+ 3

Res

+ 3

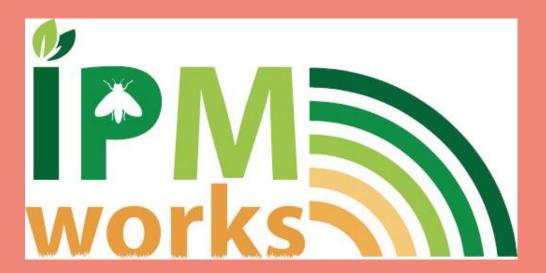


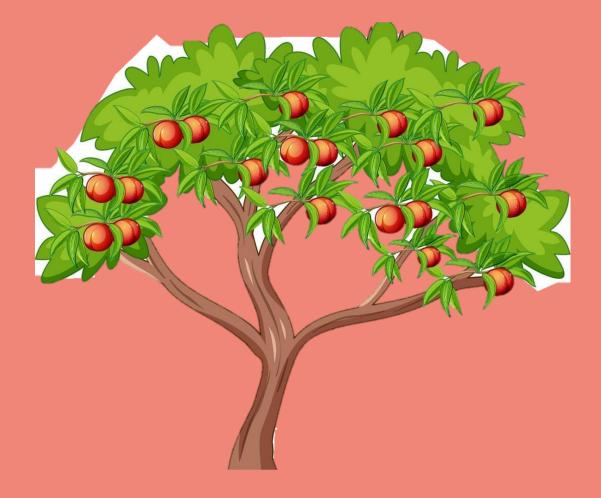
+ 2



+ 2













### Specific fungicide

bupirimate, cyflufenamid fluxapyroxad





Powdery mildew



Maximum 2 treatments/year





Preventive effect - 1



Curative effect - 4







Res



+ 2

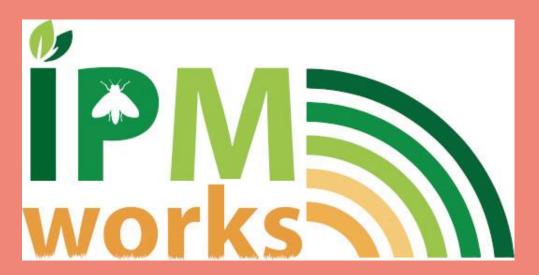
















Période: 1 à 5



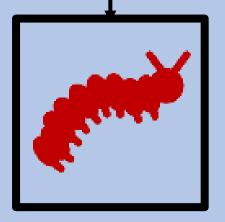




# Ecological management



Aphids
Oriental moth
Mites
Western flower thrips



- Preventive effect 2
- + Curative effect 1





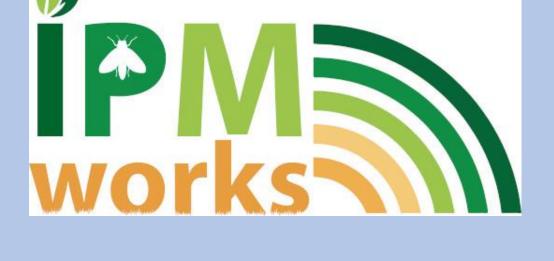
Ben

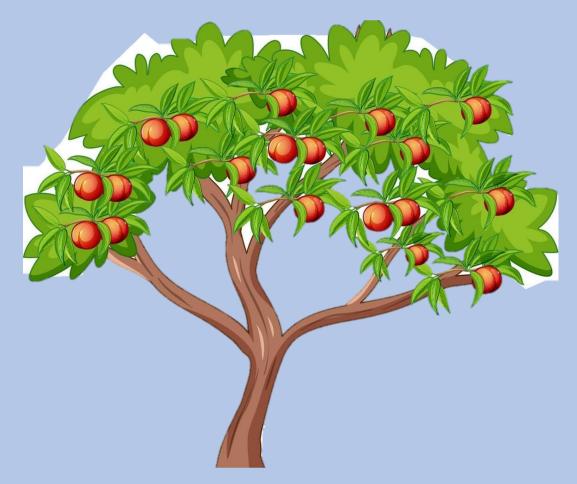
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Res



Périodes : 📝 - 1 - 2





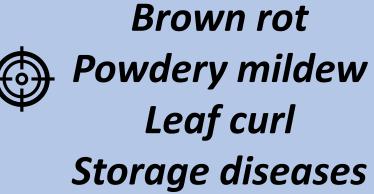






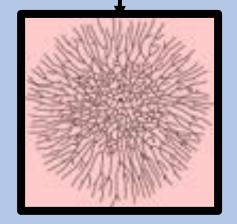
# Green pruning







Maximum 2 reductions or pruning / year
Not 2 periods in a row



- Preventive effect -2
- +

Curative effect -:

Ben





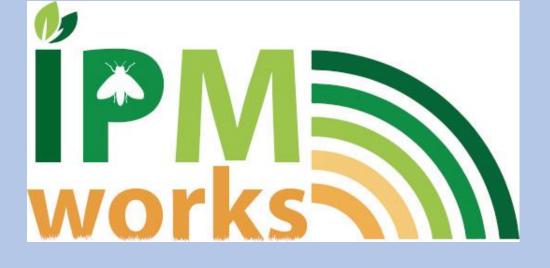
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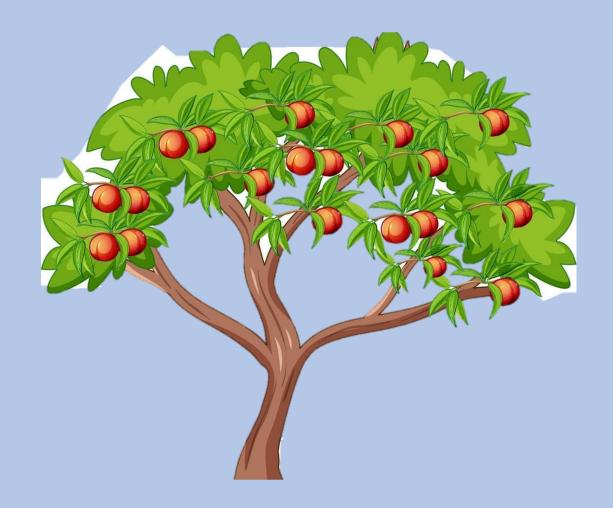


0

Eco













# Reducing vigour of the tree



**Aphids** Mites



Powdery mildew **Brown rot** Storage diseases



**Maximum 2 reductions** or pruning / year Not 2 periods in a row



Preventive effect



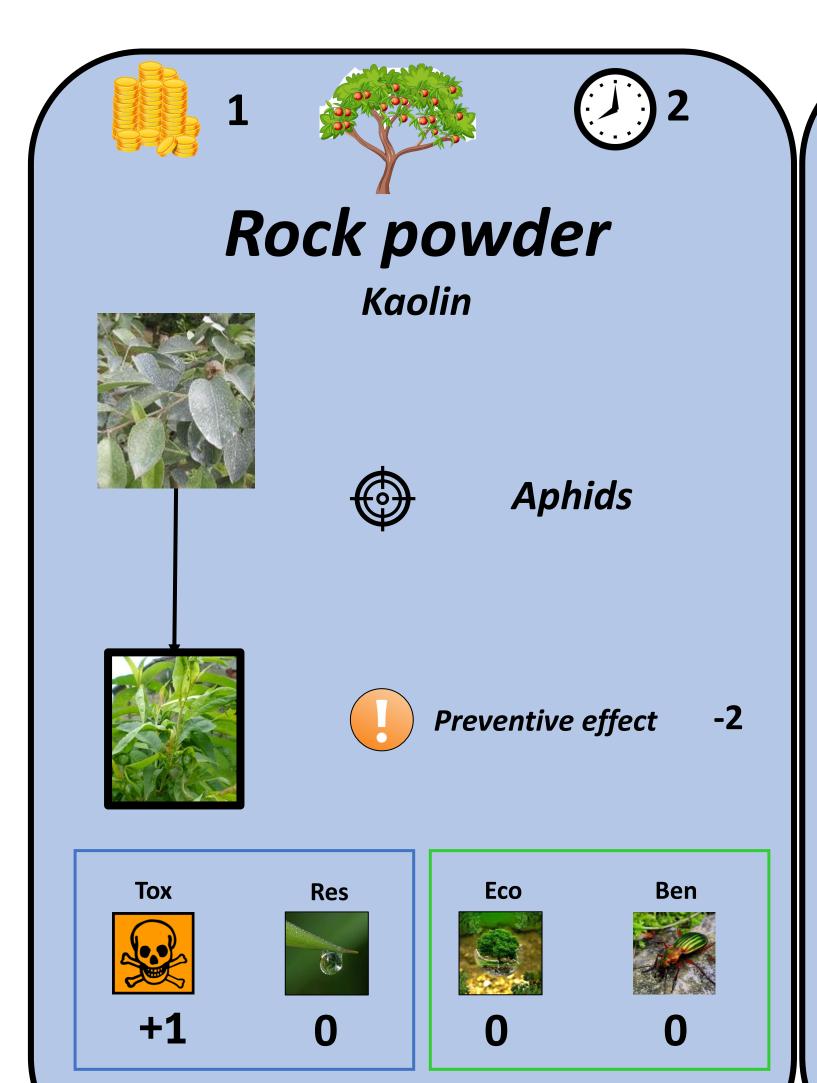


Eco Ben 0

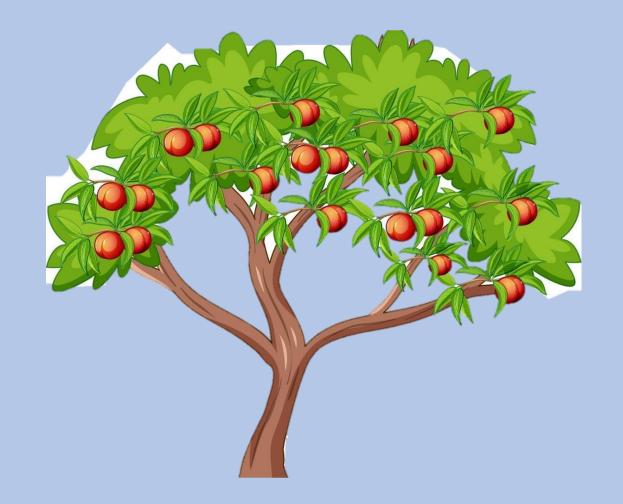














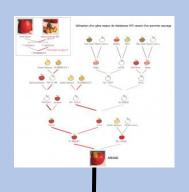
Crop cycle: 3-4







## Resistant variety





Leaf curl **Brown rot** 



#### Preventive effect

- At each period – 3 - You have to combine with other solutions twice during the season to keep the efficacy > if not - 2









Crop cycle : 📝













### Anti-rain cover





**Brown rot** 



Mites +1 At each period





Preventive effect At each period





Res

Eco



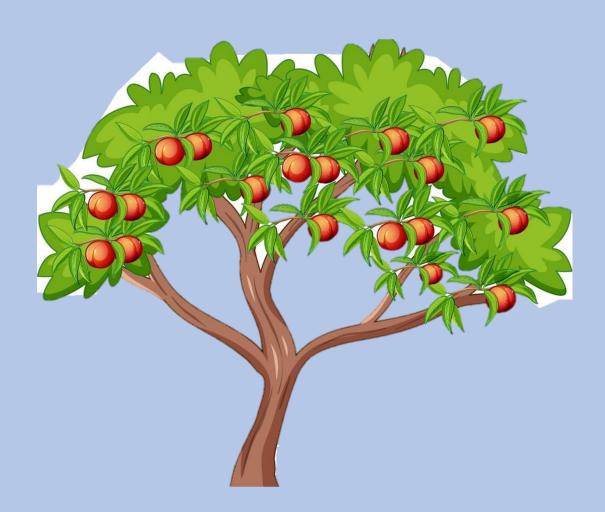
Ben

















# Mummies pick-up





**Brown rot** 





Preventive effect

**Prevents primary** installation

Tox



Res



Eco

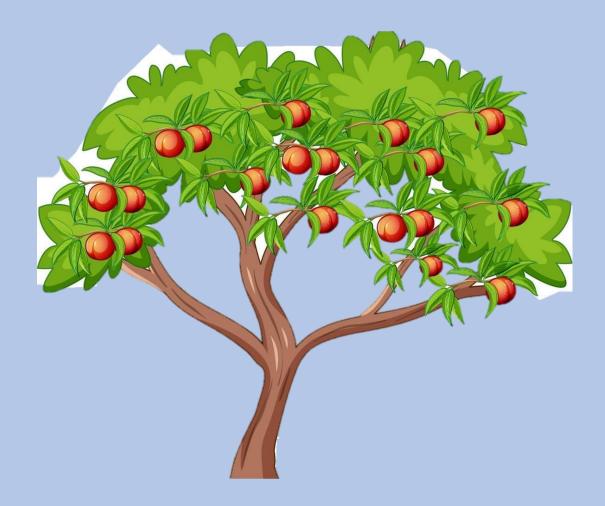


Ben















# Eco-grazing





Oriental moth





Preventive effect



Curative effect -1







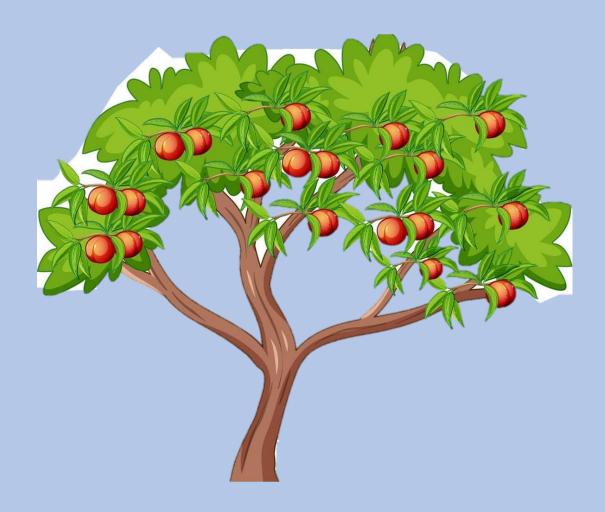
Res

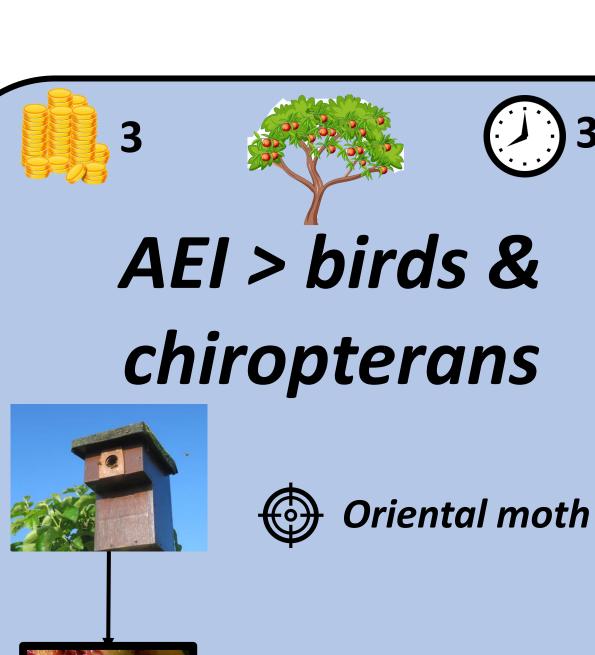


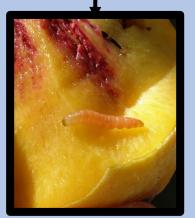














Preventive effect -2

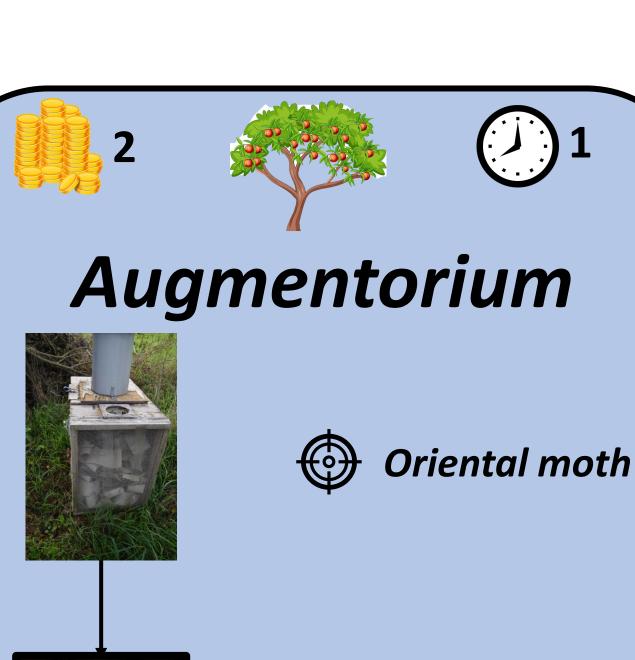
















**Preventive effect** For 2 periods



















# **Decision Support** System (DSS)





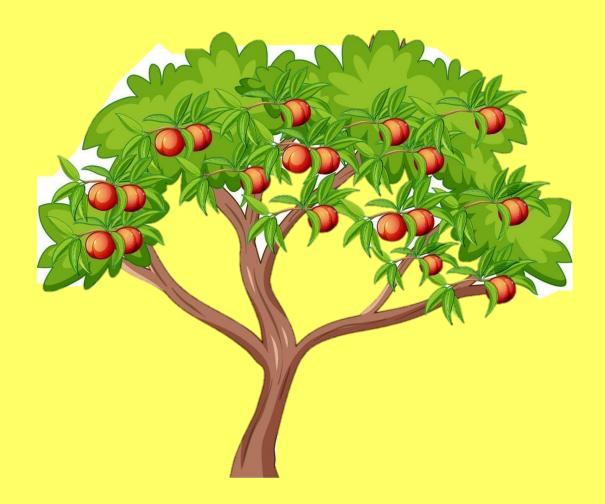
Western flower thrips





Give the possibility to play "Preventive measures" next turn after drawing a weather card











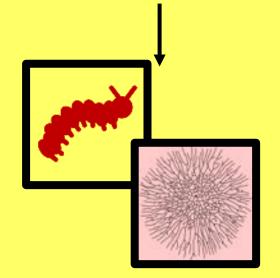


# Spraying Decision Support System





All





Play with pesticide or biocontrol product with cumulative effects





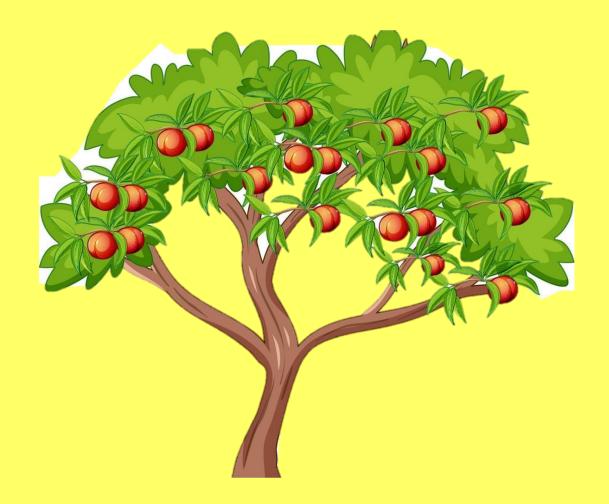


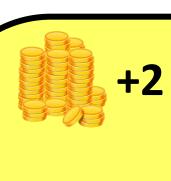
















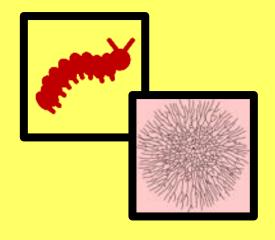
# Low drift sprayer







Play with pesticide or biocontrol product with cumulative effects.







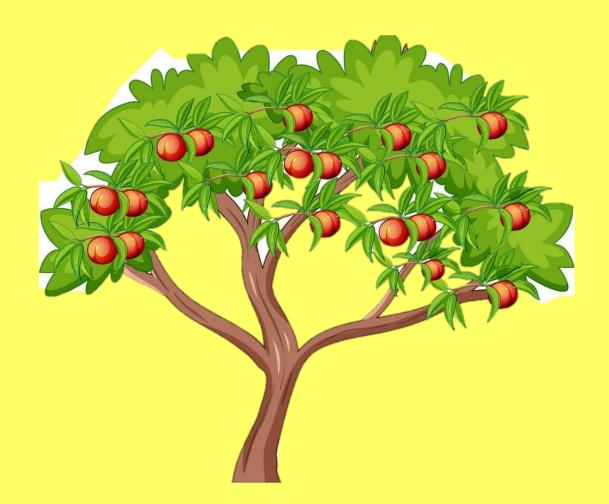
Res

















# Adjuvant





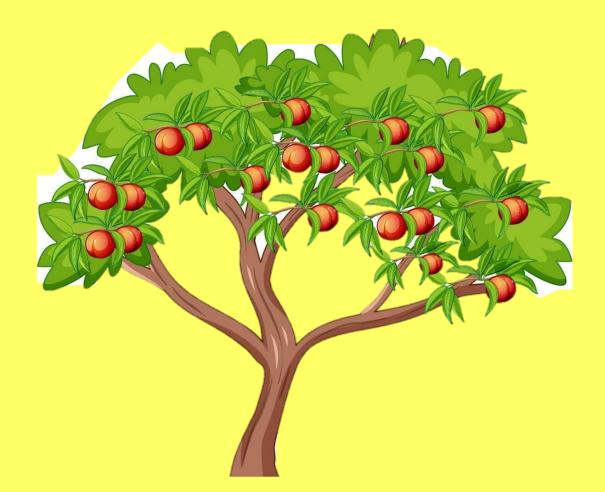




















### Biostimulant



All

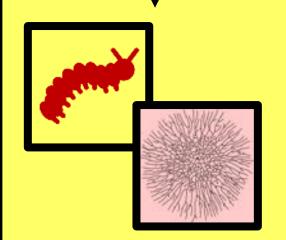


Preventative effect



Alone if risk ≤0 or pressure = 0





Can increase the efficiency of microorganisms or natural substances

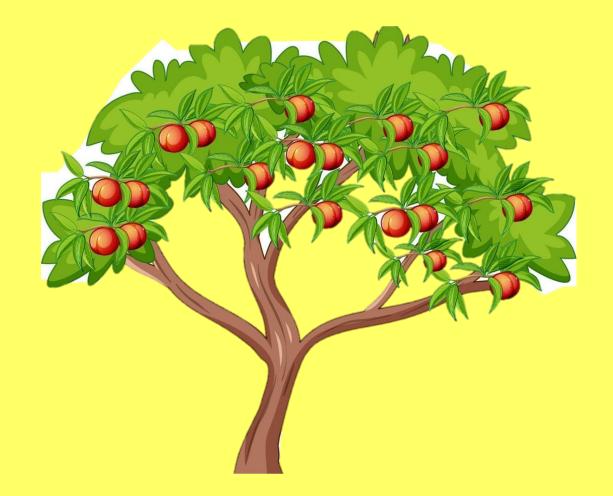
-1



maintains the durability of the variety resistance over time 1 solution





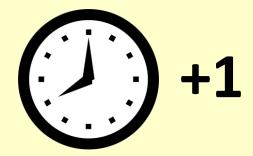






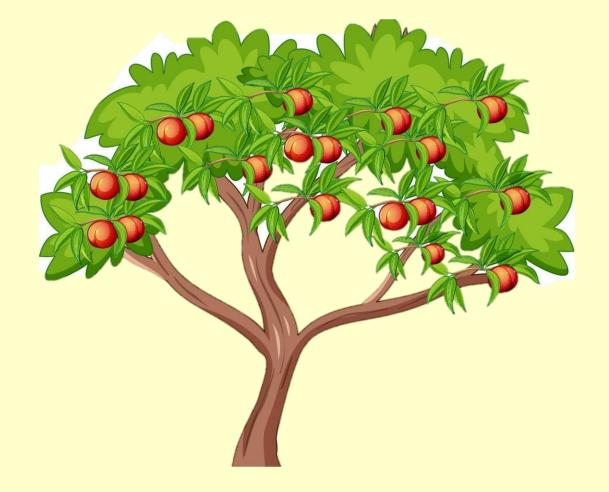
# **FWF** (Farm Work Firm)





The additional unit of time must be spent during the period





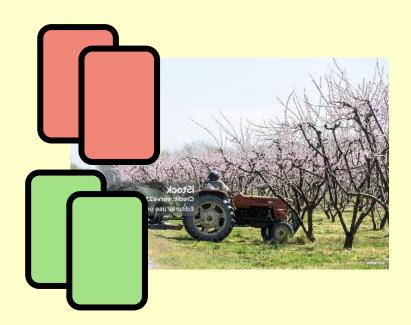


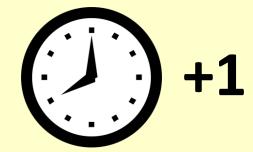






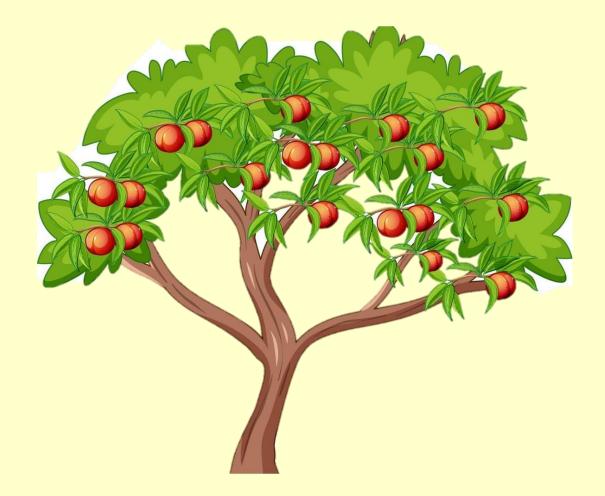
# Associated treatments





You win 1 time unit when you spray with 2 biocontrol











## Biocontrol product + ½ dose of copper





Leaf curl Brown rot



Preventive effect

+1 Copper efficacy is low



You win 1 time unit when you spray this associations

And you reduce impact of copper







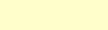


Eco











Ben

-1



Periods: 1 to 5



