

#### Who are we?



Quebec Cranberry Growers Association Research dept.



Club environnemental et technique Atocas Québec

Non-profit crop consult





#### Who are we?



- ≈ 20 ongoing research projects
- 100% membership in Quebec (few NB growers)



- 75% membership in Quebec
- 7 ag. Consultants (member of the QC professional order)
- 5 Team Managers
- ≈ 20 scouts



## **Integrated Pest Management (IPM)**

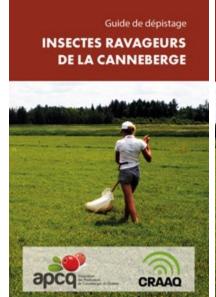
IPM is the careful consideration of all available pest control techniques and subsequent integration of appropriate measures that discourage the development of pest populations (FAO, 2021).

- Knowledge (acquisition & transfer)
- Prevention
- Monitoring
- Intervention
- Feedback



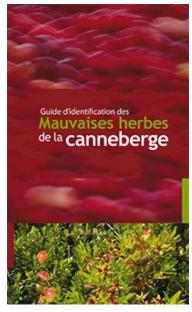


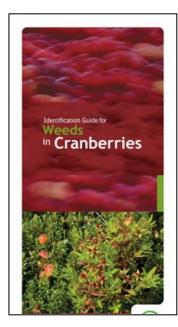
# **Documenting Best Practices and Technical approach**

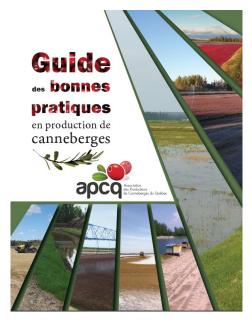












Insect Pest
Scouting
French

Insect Pest
Scouting
Spanish

Insect Pest
Identification
French

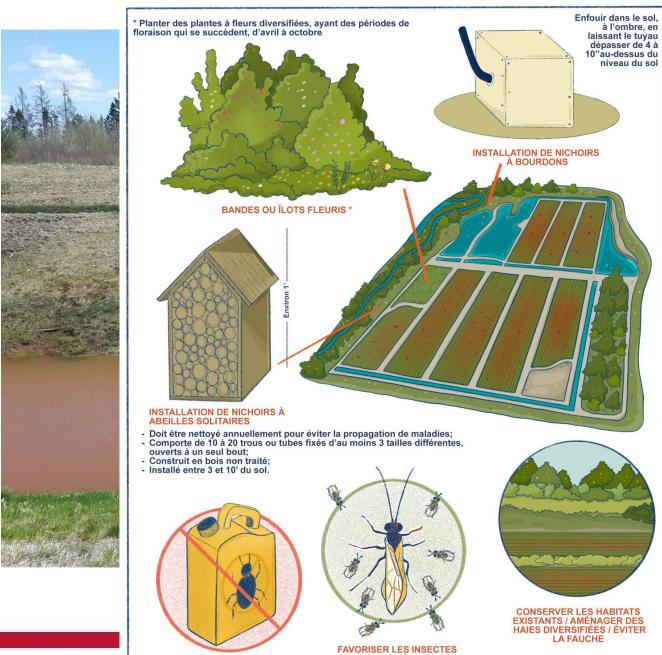
Weeds Weeds
Identification Identification
French English

Best Practices
French



#### **Prevention**

- Choice of cultivars
- Rational use of water
- Rational use of pesticides
- Rational use of fertilizer (4R)
- Canopy management
- Planting technique/density
- pH management
- Sanding
- Dikes grass cover
- Farm landscaping

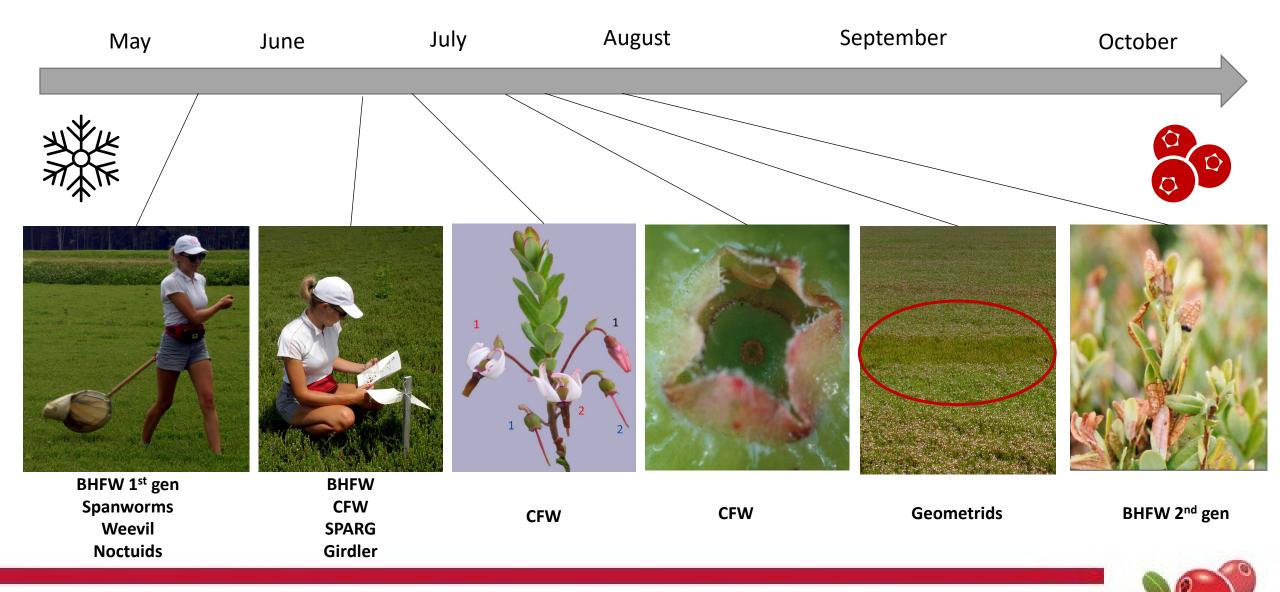


**ÉVITER L'UTILISATION DES** PESTICIDES RÉPUTÉS TOXIQUES POUR LES ABEILLES SELON SAGE



niveau du sol

# **Monitoring**



## **Intervention**

Spring & fall flooding 1500 acres in 2022



Mating disruption

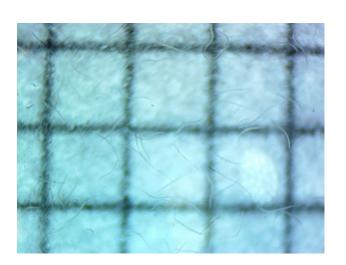




Biocontrol *Trichogramma sp.* 



Biocontrol Nematodes





## **Intervention**

**Product choice** 





**IRE-IRS** 

**SAGE**PESTICIDES

IEQ
Environmental Impact Quotient

#### Equipment





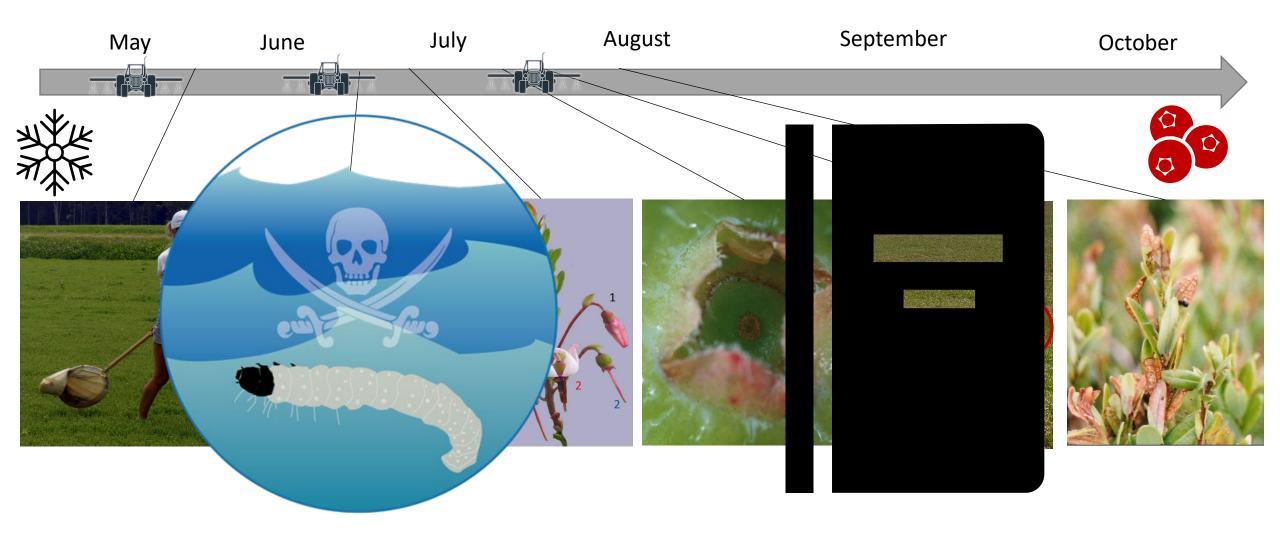
Window of intervention







# **Feedback**





# Thank you!









