Implementing IPM to Belgian winegrowers

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Ch. 1 Def. Art. 3, 6. 4°: What is IPM ?
Art. 14 : Mandatory use starting from January 1\textsuperscript{th} 2014

8 guidelines :
- Prevention (rotation, resistant varieties,…)
- Monitoring of harmful organism (warnings, field observations,…)
- Control actions based on this monitoring
- Preference to non-chemical measures
- Avoid side-effects to untargeted species
- Limit actions to the necessary level
- Take precautions against building resistance (FRAC, IRAC, …)
- Log all monitoring, actions taken and outcome
How induce behavioral change?

BELGIUM

Project-participants commit to:
- 2 year participation to the demo-project
- Manage 1 part of the vineyard acc. IPM-guidelines

During DEMO-project:
Monitoring every 2 weeks
- Phenology
- Disease occurrence (oïdium, mildew, pow.mildew, esca, botrytis...)
- Insects (mites, predating mites, cicades,...)
- Any others problems (spraying problems,...)

but what after the project? Mandatory audits(?)
1. Coaching / guidance of 8 pilot-winegrowers throughout Belgium “Lead by example”
   - Implementing Vitimeteo-based warning-system (email)
   - Problem: after a few months, IPM was extended to the complete vineyard
   - Check / monitoring every 14 days
   - Hands-on training & problem solving

2. Organizing 6 workshops
   - Explaining IPM: starting from demystifying IPM to certified auditing.
     first workshop: 26 participants
     last workshop: >150 participants (of the est. 200 winegrowers in Belgium)

3. Presenting simple tools to facilitate IPM-implementation (at printing costs)
   IPM-manual
   Annual ‘fill-the-blanks-books’ for the registration of all IPM-relevant actions
   Checklists outlining all important points during the mandatory audits
   In November: an smartphone-app will be available (for all supp. fruitcrops)
Remaining issue

1. Regulations
   IPM is mandatory required since 1/1/2014
   Certification audits possible since 1/6/2014

2. Who is ready? What are the gaps?
   No audits are performed or requested yet.

So... are we on track?

Probably, but no prove so far!

In the meantime,
   IPM will remain on each and every mailing, conference or workshop.

Thank you