

GlobalG.A.P. IPM as the route to improved food safety

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Food Safety

- 5 to 7% MRL exceedances in the Benelux
- More in other countries
- Some crops very problematic
- IPM could help :
 - to reduce MRL exceedances
 - to reduce pesticide resistance problems
 - to control pests and diseases when no legal pesticides are available

Change

1. Need

- Food scandals ? Voluntary ?
- Create need ?

2. Tools

- Much experience in many countries for many crops
- Not yet available for all situations
- “Necessity is the mother of invention.”

3. Knowledge

- Cross-pollination

GlobalG.A.P.

- Founded by leading European retailers (EurepGAP) in 1997
- Sets voluntary standards for certification of agricultural products : Crops, Livestock, Aquaculture
- Deals with Food Safety, Environment, Social Issues, ...
- Today more than 80 members
- Organization
 - 50/50 retailers/producers
 - Sector Committees
 - Certification Bodies

Guidelines (Crops)

- All Farm Base, Crops Base, Fruit & Vegetables, Flowers & Ornamentals, Combinable Crops, Coffee
- Version 3, Sept. 2007
- Revision process: Version 4 to be ready by 2011
- SC Fruit & Vegetables
- Integrity of GlobalGAP certificate
- Working groups
- IPM

Integrated Pest Management

- Crops base
- 6 minor musts

Integrated Pest Management

“IPM involves the careful consideration of all available pest control techniques and the subsequent integration of appropriate measures that discourage the development of pest populations, and keeps plant protection products and other interventions to levels that economically justified and reduce or minimize risks to human health and the environment.”

GlobalGAP General Regulations, Integrated Farm Assurance,
v.3, Sept. 2007

Minor Musts

CB.7.1. Training or advice

CB.7.2. Prevention

CB.7.3. Observation and monitoring

CB.7.4. Intervention

CB.7.5. Minimum pesticide input

CB.7.6. Anti-resistance management

Enough ?

- Integrity
- Vision of the GlobalGAP Board : reduce pesticide usage
- IPM as a solution
- Increase IPM requirements in next version

“Global principles, local practices”

Proposal

- Discussion document
- Crop-specific LocalGAP IPM Guidelines
- Principles and Rules
- Quality Criteria
- “Longlist” of IPM tools

GlobalGAP IPM Longlist

- Gives a (non-exhaustive) overview of all *potential* IPM methods and principles (information document)
- Updated once per year by the GlobalGAP IPM Technical Working Group.

Principles and Rules for Developing LocalGAP IPM Guidelines

1. Local Technical Working Group analyzes the possibilities for IPM in the target crop in their region or country.
2. Use this analysis to develop a crop-specific LocalGAP IPM Guideline which lists IPM solutions for all critical pests, diseases and weeds. Use the Longlist as a guidance.
3. Evaluated and approved by GlobalGAP IPM Technical Working Group
4. The LocalGAP IPM Guidelines should be updated once a year with new information about IPM methods.

Quality Criteria for LocalGAP IPM Guidelines

1. Is the document complete ?
 - Has the potential of all methods been systematically and sufficiently evaluated ?
 - Does the guideline contain an IPM approach for each relevant pest, disease and weed ?
2. Can the system be practically used by the farmers ? Is it feasible ?
3. Compare with similar crops in similar area's and neighbouring countries
4. Is the guideline applicable by all farmers in option 2 ?

Consequences for GlobalGAP

- Major Musts !
- LocalGAP Technical Working Group develops proposal for IPM Guidelines. Proposal is evaluated by GlobalGAP.
- Self-learning system requires establishment of an IPM Specialists Working Group.
 - Meets once every year
 - Updates Longlist based on new information about IPM methods
 - Notifies LocalGAP Technical Committees about new crop-specific developments
 - Evaluates proposals for LocalGAP IPM Guidelines
- Requires more knowledge from auditors.
- Requires training of farmers
- Control points ?

to be continued ...

- Round-table discussions at GlobalGAP Summit
- Website
- Discussion in Working Group
- Proposal to SC F&V
- 2011

Thank you !