



The new
challenges for
Quality
management
Systems in the
globalization of
markets



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+ The great directions on the market

- Importance of hygiene is increasing
- The ability of the labs to detect residues increase every day
- The consumers asked “natural” products without residue



+ For the beekeepers

- To help them to produce products with international standards we have to put in place Good beekeeping practice guides
 - Easy to used
 - Who didn't ask to much investment
 - Adapted to their situation and needs
- The most important is the result : produce healthy products without residues



+ Product without residues ?

- We have to ban or to limit the use of medicines or other products than can have an impact on the quality.
- We have to develop prophylaxy or natural products for the treatments
- But we can't exclude all the contaminations
- It's a question of limit



+ Where are the limits ?

- The limits depend of the country or of the part of the world
- Codex work on MRLs for medicines used in beekeeping
- EU has no MRL for antibiotics
 - We can work without their use
 - The limit is 0



+ Limit 0 ?

- Zero limit, is it possible ?
- It depend of the limit of detection of the lab
- This limit can decrease with the arrival of new techniques
- The cost of the analysis increase with the level of detection.
- Under low limits, we can find “environmental contamination”.
- Who is responsible ?
- Where is the sanitary risk ?



+ Limit of detection !

- Without clear limit, everything is possible
- A country can fixe a “No Action Limit” level who can be different from another country,
- We are in a grey zone
- International trade is directly concerned.
- There is no stability, rules are not clear
- It's impossible to know what to do for a producer.



+ Limit of detection !

- The results can change between labs
- The need to be accredited for the analyses that they produce (ISO 17025)
- The price of the accreditation is important
- Who will pay ?
The beekeeper ?
To see his product refused!
For environmental contamination!



+ The beekeeper

- We have to help him, not to kill him
- The rules must be clear
- The limits must take into account the situation of the producers.
- They don't have to pay for problems that they can't control.





Thank you