



Schweizerische Eidgenossenschaft
Confédération suisse
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Federal Department of Economic Affairs FDEA
Federal Office for Agriculture FOAG

Regulation of botanicals and semiochemicals in Switzerland

REBECA project, Workshop 3

«Review of potential risks of botanicals & semiochemicals»



Regulation of plant protection products in Switzerland

- Entry into force of the currently valid ordinance concerning the placing of plant protection products on the market plant protection products (916.161) on 1 August 2005
- Legislation in accordance with Council Directive 91/414/EEC of 15 July 1991 concerning the placing of plant protection products on the market



Regulation of plant protection products in Switzerland (cont.)

- Annex 1 of ordinance 916.161 contains all active substances that are currently authorized in Switzerland



General aspects to be evaluated

- Product chemistry
- Toxicology
- Residues
- Operator exposure
- Environmental fate
- Ecotoxicology
- Efficacy (including phytotoxicity, selectivity)



- Requirements for the dossier to be submitted for the inclusion of an active substance in annex 1 and for the authorization of a plant protection product:
 - Tests must be conducted according to standard methods (OECD, EPPO, CIPAC, etc.)



- a dossier for authorization of a plant protection product must satisfy the requirements set out in Annex 3
- if the plant protection product contains active substances which are not yet listed in Annex 1, additionally a dossier that satisfies the requirements set out in Annex 2 must be submitted



- the authority may require the submission of additional studies
- **the submission of parts of the dossier can be claimed as unnecessary; that claim must be fully justified (waiver)**



regulation of botanicals and semiochemicals in Switzerland

- adapted data requirements
- adapted evaluation of dossiers
- adapted risk assessment in the ecotox domain
- adapted efficacy requirements
- no MRL values fixed (normal application: dispensers => no residue situation)



authorized botanicals in Switzerland

- azadirachtin (Neem)
- various pyrethrines
- oleum foeniculi (fennel extract)
- equisetum (horsetail) extract
- rotenone (derris root extract)
- etc.

authorized semiochemicals in Switzerland

- E3Z13-18 Ac (E,Z-3,13 Octadecadien-1-yl acetate)
- E8-12 Ac ((E)-dodec-8-en-1-yl acetate)
- Codlemone (E,E)-dodeca-8,10-dien-1-ol)
- Z8-12 OH ((Z)-dodec-8-en-1-ol)
- etc.