

Workshop on harmonized dose expression for the zonal evaluation of plant protection products in high growing crops (AGES, Vienna (AT), 2016-10-18/20)

OPENING MORNING PLENARY SESSION (Chair: Vlasta Zlof, EPPO)

09:00 Opening address

Charlotte Leonhardt - *Head of Division for Food Security, AGES*

Monika Stangl - *Head of Unit for Plant Products, Federal Ministry of Agriculture, Forestry, Environment and Water Management (BMLFUW)*

Vlasta Zlof - EPPO

Key notes

09:25 Ingrid Langer – AGES (AT)

The need to harmonize dose expression in the zonal efficacy evaluation

09:55 Erwin Mol (NPPO, NL)

EPPO Standard PP1/239 *Dose expression of PPPs*: status and use of this Standard based on the results of the Dutch workshop in 2009

10:15 Frank Meier-Runge (Syngenta) and Martin Teichmann (BASF) Dose rate expressions in high growing crops: need for harmonization from the perspective of the plant protection product industry

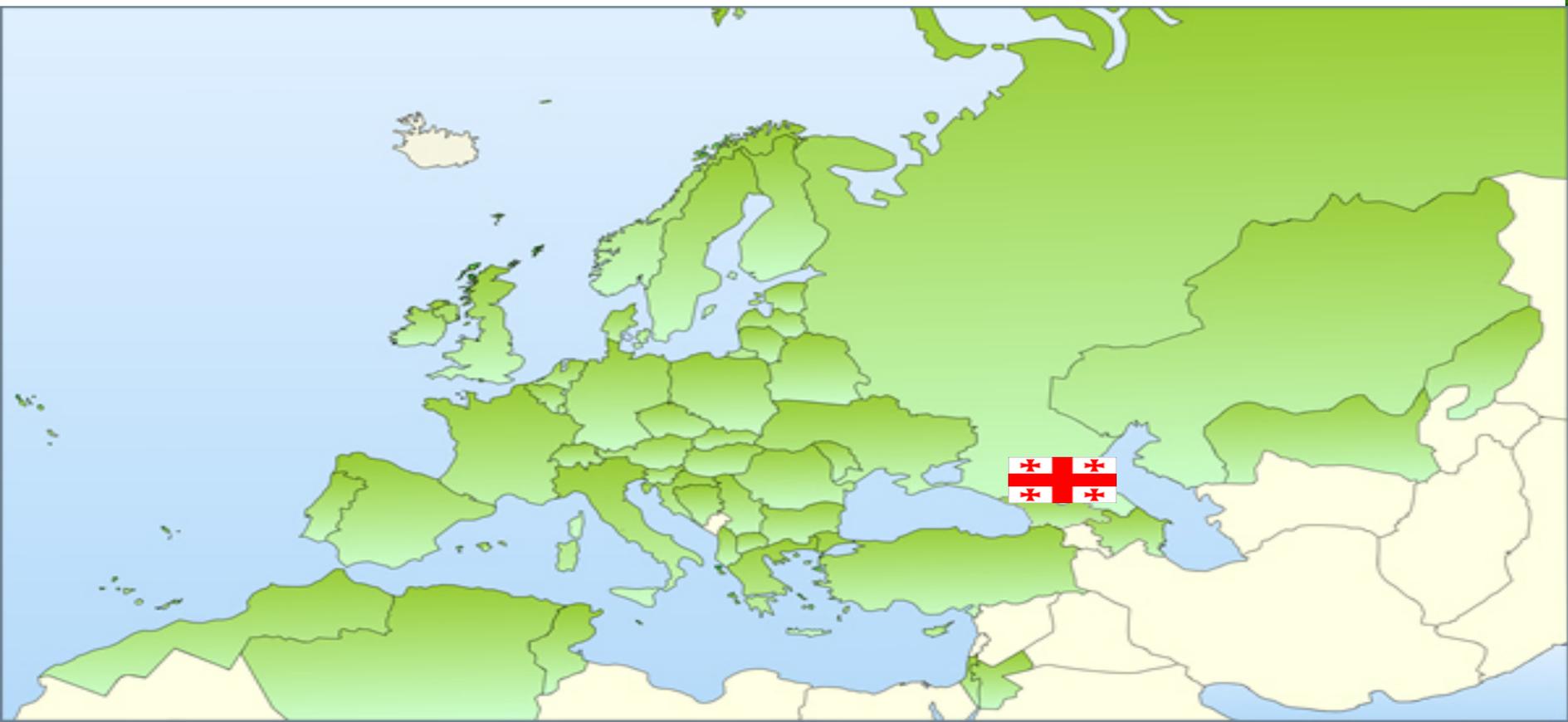


10:40 Discussion on presentations

11:05 Coffee break



EPPO is an intergovernmental organization, one of 9 RPPOs, founded in 1951 by 15 members countries, now 51 (Georgia joined in 2016), concerned with all official regulatory activities of Plant Protection Services, particularly plant quarantine and registration of plant protection products
More information at www.eppo.int



EPPO Standards on Efficacy Evaluation of PPPs (series PP1)

- EPPO database on PP 1 standards <http://pp1.eppo.int>

Today, 295 Standards have been approved by EPPO and are included in this database:

- **267 Specific Standards:** describing the conduct of trials to assess efficacy of PPPs against a particular pest in a particular crop, but many Standards cover groups of pests and/or groups of crops if these share common characteristics relevant to efficacy testing.
- **28 General Standards:** covering all aspects of efficacy to help countries in understanding and fulfilling their obligations in the registration of PPPs.

EPPO Standard PP 1/239 *Dose expression for plant protection products* was first published in 2005, and revised in 2012.

Some history

(more in the Background document circulated to all participants)

- **Ad hoc Panel on Expression of Dose Rate (Paris, 2001-05-29)**

B'CHIR Mohamed (TN), BJUGSTAD Nils (NO), BLEIHOLDER Hermann (BASF), CORS François (BE), CROSS Jerry (UK), DORUCHOWSKI Grzegorz (PL), DRIJVER Cora (NL), HEIJNE Bart (NL), JAEKEN Peter (BE), KOCH Heribert (DE), PLANAS Santiago (ES), RICHARDSON David (GB), RÜEGG Jacob (CH), VAN DE ZANDE Jan (NL), WALKLATE Peter (GB), WOHLHAUSER Ronald (Syngenta)

- **The Working Party on Plant Protection Products had directed this *ad hoc* Panel to develop a guideline on spraying crops in which the dose should be adjusted to their height and structure.**
- **The aim of this meeting was to find whether it would be possible to produce a standard on expression of dose rate for three-dimensional crops, and if so, whether it would cover all crops of this type or should be restricted to fruit trees.**
- **The participants described various methods that were used or being developed in their countries to try to give a more realistic expression of dose rates.**

Conclusion of the *Ad hoc* Panel on Expression of Dose Rate (Paris, 2001-05-29)

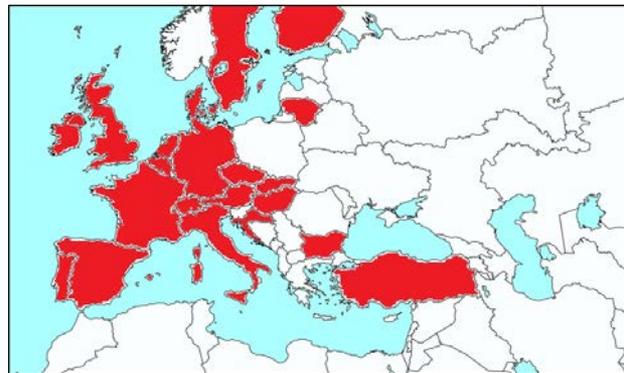
The meeting could not agree on a system of expression of dose rate for fruit tree crops that could be accepted by the countries represented. **For the moment, therefore, the *ad hoc* Panel did not believe that it was possible to develop an EPPO Standard that could include an acceptable system for fruit tree crops.**

- **However, the experts did not give up and in 2005, EPPO Standard PP 1/239 *Dose expression for plant protection products* was agreed and published.**

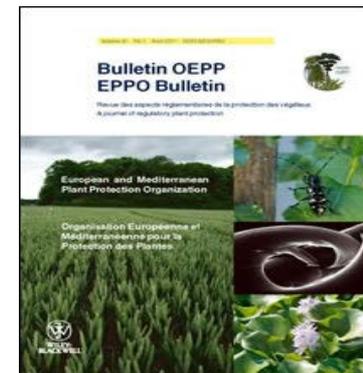
The revised version in 2012 included a description of dose expression methods in three-dimensional crops (aerial parts of plants in commercial orchards (e.g. pome fruit, stone fruit), hop gardens and vineyards, small fruit and cane fruit crops (e.g. blueberries, gooseberries, raspberries), taller, isolated fruit trees and other high-growing crops such as fruiting vegetables both in the open field and under protected cultivation) and methods for converting between different dose expression terms.

Survey on dose expression for seed treatment and authorized dose in general

- Questionnaire for a survey on dose expression for seed treatment and authorized dose in general was sent to Heads of NPPOs on 2015-06-16
- 21 responses received



- Results of the survey to be published in EPP0 Bulletin 46(3) December 2016
- <http://onlinelibrary.wiley.com/wol1/doi/10.1111/epp.12342/full>



Those who wish to publish an articles for the EPPO Bulletin

- The papers from the Workshop will be published in the August 2017 edition of the EPPO Bulletin.
- Due to very early deadlines from the publisher and the time needed to review the papers we will therefore need to receive papers on this topic by **the 15th of January 2017**.
- If you can send it earlier we can publish it via online early view before the summer.
- **THANK YOU !!!**