

**CONCLUSIONS AND RECOMMENDATIONS
PLENARY SESSION**

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

- Leaf Wall Area (LWA) was agreed as an appropriate dose expression for plant protection products in pome fruit, grapevine and high growing vegetables;
- Kg or L/ha ground dose expression is not to be used in the zonal efficacy evaluation of plant protection products as it is not linked to any crop structure parameters. However, dose/ha of ground area is to be reported in the GAP table;
- For other dose expressions, proposals should be drafted by the applicant and included in the draft Registration Report (dRR);
- In addition, a summary table has to be added to the BAD including the dose ranges used in each trial for the different dose expressions (see EPPO Standard PP 1/239 *Dose expression for plant protection products*).
- Conversion of different dose expressions should always be possible;
- All relevant crop parameters should be measured and made available (for all three-dimensional dose expressions; see EPPO Standard PP 1/239);
- Clear definitions of the terms used when expressing doses in high growing crops are needed;
- A guide (with pictures) on how to measure in the field all types of parameters for different crops should be prepared. Different types of plantations and training systems will be considered;
- Two different situations should be distinguished: crops that form ‘walls’ and ‘globular (isolated) trees’ (i.e. trees/crops that do not form walls such as citrus, olive, stone fruit trees). For ‘globular trees’ further data should be collected to enable calculation of canopy width (i.e. the 3rd dimension);
- Any proposal for further harmonization should be discussed and validated by the European Evaluators;
- Further discussion on dose expression of the reference product is needed.

ACTIONS

- The revision of EPPO Standard PP 1/239 will be on the agenda of the EPPO Panel on General Standards (next meeting in February 2017). It will also include a proposal to change the scheme ‘Conversion of different dose models for high crops.’
- Two *ad-hoc* Working Groups will be established by EPPO:
 - A first group will work on examples for conversion of dose from LWA to other dose expression systems. The proposed Excel Tool for dose conversions, developed by Mr Doruchowski in collaboration with Ms Chueca and Mr Planas, will be further developed and finalized. This group will also collect further information on national crop parameters. The documents and comments will be studied by the group. Mr Bugiani, Mr Codis, Mr Doruchowski, Mr Karanasios, Mr Marucco, Mr Meier-Runge, Ms Prates, Mr Planas volunteered to participate in this group;

- A second group will work on a glossary of terms and on a guide for measurement of crop parameters. Mr Böckmann, Mr Körschenhaus, Ms Kovacs and Mr Toews volunteered to participate in this group.