



Overview on the EFSA GD on soil degradation (DegT50)

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OUTLINE

- Background for the mandate
- Terms of References
- Structure of the GD




SOIL DEGRADATION RATE GUIDANCE


- EFSA Guidance Document for evaluating laboratory and field dissipation studies to obtain DegT50 values of active substances of plant protection products and transformation products of these active substances in soil (**Published 8th May 2014**)



BACKGROUND FOR THE MANDATE

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- During a consultation - a number of EU Member States (MSs) requested a revision of the SANCO Guidance Document on persistence in soil (SANCO/9188VI/1997 of 12 July 2000).
 - DegT50 is an important input parameter used for exposure assessment to groundwater, surface water and the soil compartment

TERMS OF REFERENCES


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- The EU Commission asked EFSA to prepare an EFSA GD on how to obtain DegT50 values
 - The GD should respect the science and methodology developed in the PPR opinion (EFSA, 2010) *

* EFSA, 2010. Panel on Plant Protection Products and their Residues (PPR) Guidance for evaluating laboratory and field dissipation studies to obtain DegT50 values of plant protection products in soil. EFSA Journal 2010; 8(12): 1936, 67 pp. Available online: www.efsa.europa.eu


CONSULTATION OF STAKEHOLDERS

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- EFSA was asked to organise a public consultation on the draft GD to involve MSs and other stakeholders*
 - * EFSA, 2014. Outcome of the Public Consultation on the draft EFSA Guidance Document for evaluating laboratory and field dissipation studies to obtain DegT50 values of active substances of plant protection products and transformation products of these active substances in soil. On request from EFSA, Question No EFSA-Q-2013-00075, approved on 14 April 2014.. EFSA supporting publications 2014; EN-584. 65 pp.
 - EFSA has also consulted stakeholders on the project plan in a workshop and on a draft opinion*
 - * EFSA, 2009. Outcome of the public consultation on the draft project plan for the revision of the guidance document persistence in soil. Question nr EFSA-Q-2007-184). EFSA scientific report (2009) 276, 1-77
 - * EFSA, 2009. Report on the PPR stakeholder workshop – Improved Realism in Soil Risk Assessment (IRIS) – How will pesticide risk assessment in soil be tackled tomorrow? EFSA scientific report (2009) 338, 1-32
 - * EFSA, 2010. Technical report of EFSA on the outcome of the public consultation on the draft guidance for evaluating and using results of field persistence and soil accumulation experiments for exposure assessment of soil organisms to substances in soil. EFSA Journal 2010;8(12):1938 pp 120

SOIL DEGRADATION RATE GUIDANCE (CONT.)

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- Selection of DegT50 from lab and field studies for use in exposure assessment
 - Calculation of geomean DegT50
 - Design of field studies for obtaining DegT50 in soil
 - Guidance on the possibility of combining DegT50 values from lab with DegT50 values from field studies

SOIL DEGRADATION RATE GUIDANCE (CONT.)

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- Use of geomean K_{om} and K_{oc}
 - Use of updated crop interception values
 - Use of EFSA DegT50 Endpoint selector
 - Worked examples on how to use this guidance



Thank you !