



EUROPEAN WEED RESEARCH SOCIETY

Herbicide Resistance Working Group Workshop

Final Programme

*“Perspectives and Challenges of Weed Control and Weed Resistance
to Herbicide in Europe”*

29-30 November 2018

Antalya, Turkey

Thursday, November 29	
8: ³⁰ -9: ⁰⁰	Welcome by Roland Beffa
Session 1. Monitoring	
09: ⁰⁰ -09: ¹⁵	Early indications of herbicide resistance in UK arable bromegrass weeds <i>L. Davies, UK</i>
09: ¹⁵ -09: ³⁰	Review: Monitoring and sampling of herbicide-resistant populations <i>A.M. Abdurruhman & S. Uygur, Turkey</i>
09: ³⁰ -09: ⁴⁵	Investigations on the determination of glyphosate resistance in horseweed species (<i>Conyza</i> spp.) <i>M.N. Doğan, E.K. Altop, T. Serim & S. Turkseven, Turkey</i>
09: ⁴⁵ -10: ⁰⁰	Monitoring of the herbicide-resistant weeds in Croatia, 2017-2020 <i>A. Pintar, M. Šćepanović, V. Šoštarčić, J. Lakić, & K. Barić,, Croatia</i>
10: ⁰⁰ -10: ¹⁵	Weed resistance in Lithuania <i>O. Auskalniene, Lithuania</i>
10: ¹⁵ -10: ⁴⁵	Coffee break
10: ⁴⁵ -11: ³⁰	Group discussion
Session 2. Methodology	
11: ³⁰ -11: ⁵⁰	Herbicide-Resistant Weeds: Detection and Characterization of Suspected Biotypes <i>B. Rubin, Israel</i>
11: ⁵⁰ -12: ⁰⁵	Evaluation of the inherent tolerance in <i>Vulpia myuros</i> to prosulfocarb at different growth stages <i>M.J. Akhter, S.K. Mathiassen, P.K. Jensen & P. Kudsk, Denmark.</i>
12: ⁰⁵ -12: ²⁰	<i>Amaranthus palmeri</i> and <i>Amaranthus tuberculatus (rudis)</i> : Herbicide-resistant populations summer weeds <i>I. Yadid, Z. Peleg & B. Rubin, Israel</i>
12: ²⁰ -13: ⁰⁰	Discussion
13: ⁰⁰ -14: ⁰⁰	Lunch

14:⁰⁰-16:⁰⁰

Poster session with coffee break

Herbicide Resistant Weeds in the Çukurova Region of Turkey: A Review

S. Uygur, A. M. Abdurrahman, F. N. Uygur

First case of glyphosate-resistant junglerice [*Echinochloa colona* (L.) Link] in Greece

I.S. Travlos, A. Tataridas, N. Cheimona, A. Tsekoura, N. Antonopoulos and J. Gazoulis

How glyphosate resistance is modified by exogenous salicylic acid's application on *Conyza bonariensis*

Maria Gerakari

Resistance of *Geranium molle* to herbicides in orchards

Omer Ben David, Baruch Rubin

Determination of the Glyphosate-Resistant Horseweed Biotypes in Apple Orchard in Isparta, Turkey

İ. Türkteşmel, M. S. Başaran, Ü. Asav, A. T. Serim, S. G. Türkseven

Herbicide resistance in wild oats worldwide and future in Europe

A. Uludağ, S. Türkseven, İ. Üremiş, D. Sisek, F. Özen

Glyphosate-resistant weeds, impact on grapevines and the occurrence in Northwestern Marmara Region

B. Şin, L. Öztürk, İ. Kadioğlu

Impact of Crop Rotation on Development of Herbicide Resistance in Crop Plants

B. Şin, L. Öztürk, İ. Kadioğlu

Status of weed resistance in Spain

J. M. Montull

Screening of sterile oat (*Avena sterilis* L.) populations for resistance to ALS inhibiting herbicides, in Greece

P. Mylonas; V. Kati; I. Eleftherohorinos; F. Pernin; C. Délye

First case of multiple resistance of Johnsongrass (*Sorghum halepense* (L.) Pers.) to ALS- and ACCase-inhibiting herbicides in Serbia

Goran Malidža, Miloš Rajković

Session 3. Epidemiology	
16: ⁰⁰ -16: ²⁰	Epidemiological approaches in resistance survey and management <i>D. Comont, H. Hicks, L. Crook, R. Hull, E. Cocciantelli, D. Childs, R. Freckleton & P. Neve, UK</i>
16: ²⁰ -16: ³⁵	Epidemiology and spread of herbicide resistance in rice and HR weed management by a new mode of action herbicide, Rinskor <i>H. Mennan, S. Raşa, M. Şahin, Turkey</i>
16: ³⁵ -17: ⁰⁰	Group discussion
17: ⁰⁰ -18: ⁰⁰	Discussion of the International survey of herbicide resistance. Prepare questions for Ian Heap
Friday, November 30	
08: ³⁰ -08: ⁴⁵	Summary of day 1
Session 4. Databases – an International survey of herbicide resistance	
08: ⁴⁵ -09: ⁰⁰	Cooperation on herbicide resistance across borders <i>S. Mathiassen, DK</i>
09: ⁰⁰ -09: ¹⁵	Introduction to International survey of herbicide resistant weeds <i>I. Heap, US</i>
09: ¹⁵ -10: ⁰⁰	Questions and discussion with Ian Heap on SKYPE
10: ⁰⁰ -10: ³⁰	Coffee break
Session 5. Management	
10: ³⁰ -10: ⁵⁰	Management of herbicide resistance: A multidisciplinary problem? <i>L. Ulber, Germany</i>
10: ⁵⁰ -11: ⁰⁵	Mechanism, distribution and management of herbicide-resistant <i>Sorghum halepense</i> biotypes <i>O. Gerson, Z. Peleg & B. Rubin, Israel</i>
11: ⁰⁵ -11: ²⁰	A case study approach in Germany to study key impact factors and predict herbicide resistance evolution of black grass in cereal based cropping systems <i>R. Beffa, J. Herrmann & O. Richter, Germany</i>

11: ²⁰ -11: ³⁵	Harvest weed seed control - popularity, types, problems and usefulness in Europe <i>G. Somerville, Denmark</i>
11: ³⁵ -11: ⁵⁰	Status of herbicide resistance in annual weedy grasses in the Czech Republic – results of long-term monitoring and management (24) <i>J. Soukup, P. Košnarová & K. Hamouzová</i>
11: ⁵⁰ -13: ⁰⁰	Lunch
13: ⁰⁰ -14: ⁰⁰	Group discussion – management
14: ⁰⁰ -14: ³⁰	Coffee break
14: ³⁰ -16: ⁰⁰	Wrap up, summary for paper