



# European Weed Research Society

---

## WG Herbicide Tolerant Varieties Workshop meeting 23<sup>rd</sup> June, 2013 Samsun, Turkey

(Joint meeting with WG Optimisation of herbicide use and WG herbicide resistant weeds)

### AGENDA

Introduction of the WG Herbicide Tolerant Varieties	Ivo Brants - 20 min
WG Optimisation of herbicide use :	Per Kudsk -20 min
WG herbicide resistant weeds :	Paul Neve -20 min
Glyphosate tolerant Lolium :	Jaime Costa - 20 min
SU sugar beet :	R.Hain, Bayer CropScience - 20 min
ClearField :	Matthias Pfenning -20 min
Establish 2013/2014 activities	60 min
( Optional extra one hour session on Wednesday	60 min)



# European Weed Research Society

---

[www.ewrs.org](http://www.ewrs.org)

## Working Group Herbicide Tolerant Varieties

[http://www.ewrs.org/herbicide\\_tolerant\\_varieties.asp](http://www.ewrs.org/herbicide_tolerant_varieties.asp)



# European Weed Research Society

---

## Information related to newly established WG Herbicide Tolerant Varieties

### 1. Name of the proposed WG

**Herbicide Tolerant Varieties**

### 2. Name, affiliation and address of the proposed coordinator

**Chair : Ir. Ivo Brants**

Monsanto Europe S.A.  
Tervurenlaan 270-272  
B-1150 Brussels; Belgium

Tel. 0032/2 776 7845  
Fax 0032/2 776 7648

[Ivo.o.brants@monsanto.com](mailto:Ivo.o.brants@monsanto.com)

**Co-Chair : Professor Jan Petersen**

University Of Applied Science Bingen  
Fac. Of Life Science And Engineering  
Berlinstr. 109, Bingen, D-55411, Germany

Tel. : 0049 0160 9647 4129

[petersen@fh-bingen.de](mailto:petersen@fh-bingen.de)



# European Weed Research Society

---

## Information related to newly established WG Herbicide Tolerant Varieties

### 3. Mission of the new WG

**Study Agronomic impacts of HT variety use:  
advantages/disadvantages for agronomic cropping systems.**

**Identify gaps in weed control in crops or situations needing special attention (also in future) as result from introduction of HT varieties**

**Scientific answers to/evaluation of sustainable use of HT crops**



# European Weed Research Society

---

## Information related to newly established WG Herbicide Tolerant Varieties

### 4. Research topics to be covered

**Current status of HT variety use in Europe**

**IWM (e.g. Economic impacts, cropping systems)**

**Impact on society (in crop weed biodiversity; environmental aspects)**

**Development of herbicide resistant weeds – HT crops as management tool?**

**HT crops – need for more/specific regulation/stewardship programmes?**

**Volunteers – crop rotation, soil tillage**

**Spread of tolerance traits (cross pollination/seeds) importance/conclusions**

**Impact of HT varieties on herbicide use**



# European Weed Research Society

---

## Information related to newly established WG Herbicide Tolerant Varieties

### **5. Number of people/institutions initially involved**

Kick off meeting on 23<sup>rd</sup> November, 2012 at the University of Bingen , Germany.  
23 European scientists from 15 organisations (10 countries)

Currently 43 weed scientists (14 countries) requested to be included in communication of the WG HT activities

### **6. Potential interactions with already existing EWRS Working Groups**

Optimisation of herbicide use  
Herbicide resistant weeds

WG meeting scheduled on 23<sup>rd</sup> June 6th EWRS Symposium, Samsun, Turkey with specific invitation of both other WG's



# European Weed Research Society

---

## Information related to newly established WG Herbicide Tolerant Varieties

### **7. Potential interactions with already existing research/policy networks in Europe and elsewhere**

**EPPO**

**EFSA**

**EC-DG SANCO (or relevant JRC)**

**ECPA**

**HRAC (European Branch)**

**WSSA**



# European Weed Research Society

---

## Information related to newly established WG Herbicide Tolerant Varieties

### 8. Proposed activities for next two years

Establish EWRS website link to WG HT :

[http://www.ewrs.org/herbicide\\_tolerant\\_varieties.asp](http://www.ewrs.org/herbicide_tolerant_varieties.asp)

#### 2013/2014 activities

- \* Establish synergistic activities with other WG's (Samsun meeting)
  - \* Mapping current commercial situation of HT in Europe
  - \* Pipeline of developing HT and commercial timelines in Europe
  - \* Selected case study (HT sunflower)
  - \* One face to face meeting: request for EWRS sponsorship
- \* EWRS (via Paolo Barberi) approached by EFSA  
(from SciCom meeting 22nd June, Samsun)





# European Weed Research Society

---

[www.ewrs.org](http://www.ewrs.org)



# European Weed Research Society

---

## WG Herbicide Tolerant Varieties Workshop meeting 23<sup>rd</sup> June, 2013 Samsun, Turkey

(Joint meeting with WG Optimisation of herbicide use and WG herbicide resistant weeds)

### AGENDA

Introduction of the WG Herbicide Tolerant Varieties

Ivo Brants – 20 min

WG Optimisation of herbicide use :

Per Kudsk – 20 min

WG herbicide resistant weeds :

Paul Neve – 20 min

Glyphosate tolerant Lolium :

Jaime Costa - 20 min

SU sugar beet :

R.Hain, Bayer CropScience - 20 min

ClearField :

Matthias Pfenning – 20 min

Establish 2013/2014 activities

60 min

( Optional extra one hour session on Wednesday

60 min)



# European Weed Research Society

---

## WG Herbicide Tolerant Varieties

Establish 2013/2014 activities - Workshop 23rd June, Samsun, Turkey

Establish EWRS website link to WG HT :

[http://www.ewrs.org/herbicide\\_tolerant\\_varieties.asp](http://www.ewrs.org/herbicide_tolerant_varieties.asp)

### 2013/2014 activities

- \* Establish synergistic activities with other WG's (Samsun meeting)
- \* Mapping current commercial situation of HT in Europe
- \* Pipeline of developing HT and commercial timelines in Europe
- \* Selected case study (HT sunflower)
- \* One face to face meeting: request for EWRS sponsorship
  
- \* EWRS (via Paolo Barberi) approached by EFSA  
(from SciCom meeting 22nd June, Samsun)

Ecological Impact of Genetically Modified Organisms (EIGMO), 6<sup>th</sup> meeting - JKI, Berlin-Dahlem, June 2013  
Yann Devos, Paolo Barberi, Joe N. Perry, Geoffrey R. Squire, Jeremy B. Sweet, Antoine Messéan  
Evaluation of potential adverse effects of altered cropping and management practices associated with GMHT crop cultivation



# European Weed Research Society

---

## WG Herbicide Tolerant Varieties

Establish 2013/2014 activities

Workshop 23rd June, Samsun, Turkey

### Selected case study (HT sunflower)

**Current status of HT variety use in Europe**

**IWM (e.g. Economic impacts, cropping systems)**

**Impact on society (in crop weed biodiversity; environmental aspects)**

**Development of herbicide resistant weeds – HT crops as management tool**

**HT crops – need/no need for more/specific regulation/stewardship programmes**

**Volunteers – crop rotation, soil tillage**

**Spread of tolerance traits (cross pollination/seeds) importance for agronomic systems/conclusions**

**Impact of herbicide use – influence of HT varieties**

**Outreach of GAP for commercial integration of HT crops into existing cropping systems (IWM, case specific)**

**WG Position papers will be generated as appropriate**