

## **2007 WSSA Committee Report to Members Summary for 2007 and Action Plan for 2008**

**Committee Code and Name:** E12: Herbicide Resistant Plants Committee

**Committee Chair:** H. J. Beckie (2008-CWS)

**Board Coordinator:** John Jachetta

**Committee Members Rotating Off:**

Hugh Beckie (CWS; Chair)

Dale Shaner (NCWSS)

**Appropriate Replacements:**

William Vencill (SWSS; Chair)

Reid Smeda (NCWSS)

Francois Tardif (CWS)

**Committee Goals for 2007** (what did the committee plan to accomplish in 2007):

We planned to meet jointly with the Herbicide Resistance Action Committee – North America (HRAC-NA) at the annual meeting in San Antonio. Some meeting agenda items included the following: L. Glasgow will provide input on global HRAC activities; B. Johnson will update us on progress in glyphosate stewardship initiatives. As well, each Committee and HRAC-NA member will provide updates on new herbicide-resistant biotypes in their region.

From the period of the annual meeting in San Antonio until the following meeting in Chicago, the primary goal of the Committee is to add links and information of interest to viewers of the Resistance web page on the WSSA web site.

**Summary of Progress for 2007:**

*What was accomplished toward the goals set by the committee?*

- The Committee provided expert advice on an extension bulletin by Cotton Inc. USA on managing herbicide resistance in cotton cropping systems.
- The Committee discussed new cases of HR weed biotypes in North America and elsewhere and possible implications for their management.
- The Committee attained greater awareness of recent activities of HRAC globally and explored potential involvement of the HR Plants Committee collectively or of individual members in some HRAC-sponsored projects.
- The Committee finalized the draft document ‘Criteria for Confirmation of Herbicide-Resistant Weeds’, which focuses on criteria for confirming low level resistance. The plan is to post the document on the WSSA web site.
- The Committee discussed glyphosate stewardship/resistance management in the corn/soybean cropping belt in US and Canada and forwarded recommendations to Dr. B. Johnson (lead) on how to move this issue forward via education/extension activities.
- The Committee began efforts to populate the resistance web page on the WSSA web site.

*What was the membership/committee involvement in committee activities?*

SWSS members led the efforts on the cotton extension bulletin; all members were involved in characterizing new resistant biotypes in their respective regions; a subcommittee led by I. Heap led efforts on confirming resistance via selection pressure in investigated biotypes; B. Johnson and others members were collectively involved in the glyphosate stewardship issue.

*If funds were requested, how much was requested and how much was actually spent?*

N/A

*What was the impact of the committee activities/accomplishments on any or all of the following: membership, publication, policy, legislation, and/or education?*

Perceived impact was primarily on education/extension via expert advice for online/electronic or hard copy resources related to all aspects of herbicide resistance in weeds.

*What is the current state of committee/project activity and what is needed to further the goals of the committee/project?*

The state of committee involvement is relatively good; the WSSA web site via the Resistance web page will require sustained commitment and involvement by all committee members in the future. Possible projects spearheaded by the committee will be on the committee meeting agenda in Chicago.

**Recommendations for Board/Society Action:**

None

**Committee Goals for 2008:**

To be determined (TBD) at the annual meeting in Chicago, given the new incoming Chair of the committee.

**Plan of Action for 2008:**

TBD at the annual meeting in Chicago

**Resources needed for 2008:**

Finances: TBD

**Membership involvement (person-hours):**

TBD