

The International Workshop on Weed Science and Agricultural Production Safety

(First Announcement)

1. The workshop background

Weed Science, in particular, the discovery and application of synthetic herbicides, contributed significantly to the modernization of agriculture in the 20th century. In the past decade, many genetically modified crops (GMCs), especially the ones with herbicide-tolerant properties, were introduced worldwide and this trend is influencing agricultural production profoundly. As a result, bio-based technologies are becoming one of the hot topics of weed science, affecting future methods and strategies of weed management. The biological era of weed science has come and our discipline is faced with new opportunities and challenges. In China, weed research system has been established with its main body residing at public-funded institutions. The distribution and occurrence of major weed species have been mapped extensively. Weed-management systems with multiple strategies have been widely promoted with substantial progresses made in bioherbicides, allelopathy, invasive/alien plant species and environmental risk assessment for GMC. However, herbicide-resistant issues are being encountered increasingly and further expansion of GMC warrants sound scientific assessment and policy framework. Continuous and widespread uses of certain herbicides have caused weed floral changes and population shifts, and some minor weeds are becoming more serious concerns. With the increased scale of globalization and trade, more and more cases of alien species are being reported worldwide.

2. The aims of the workshop

To discuss opportunities and challenges weed scientists are facing, fine tune research direction and strategies in this biological era of weed science, and initiate new collaborations. Innovative research/collaboration proposals may be considered by participating granting agencies.

3. The topics of the workshop

- 1). Impact of weed occurrence, distribution and succession on crop production.
- 2). Herbicide-resistant weed and crop production safety.
- 3). Weedy rice and impact on rice production safety.
- 4). Ecological and environmental risk assessment of GMC.
- 5). Invasive alien plant and its impact on agricultural production.

6). New technologies on weed control.

4. Organizers

Weed Science Society of China, CSPP

Biosafety Society of China, CSAB

Weed Research Laboratory, Nanjing Agricultural University

5. Place and Date

Nanjing, China, April 7-9, 2007

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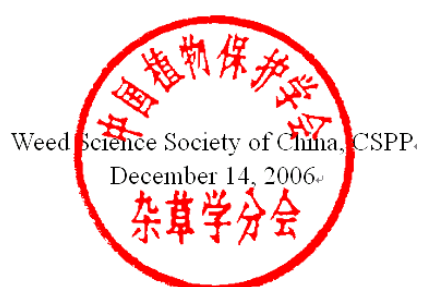
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Biosafety Society of China, CSAB

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Reply Form

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