

Stephen C. Weller

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1. Education

Degree University Field Year

B.S. Central Michigan University Biology 1971
Mt. Pleasant, MI
M.S. The Ohio State University Horticulture 1976
Columbus, Ohio
Ph.D. North Carolina State University Weed Science 1980
Raleigh, North Carolina

2. Positions:

1980-1985, Department of Horticulture, Purdue University, Assistant Professor
1985-1990, Department of Horticulture, Purdue University, Associate Professor
1990-present, Department of Horticulture and Landscape Architecture, Purdue University, Professor
Responsibilities: 50% research, 30% teaching, 20% extension in weed science

3. Honors and Awards

ESCOP/ACOP Fellow, 1993
Fellow, North Central Weed Science Society, 2000
Fellow, Weed Science Society of America, 2002.

4. Membership in Professional Societies:

American Society for Horticultural Science (Member)
American Society of Plant Biologists (Member)
Weed Science Society of America
North Central Weed Science Society
International Society of Horticulture Science

5. Courses:

A. University Credit Courses:

HORT 652A. Weed Biology. 1985-1987.
HORT, BTNY, BIOL 650N. Seed and Bud Dormancy. 1986 and 1988.
BTNY 504. Advanced Weed Science, 1987.
HORT 601. Planning and Presenting Horticulture Research, 1989-1997.
HORT 652W. Herbicide Resistance Mechanisms in Plants. 1993.
HORT 401. Horticulture Production Technology, 1994-2007.

Hort 417. Organic Production in Horticulture Crops, 2006-2008.
SA21233 – Comparison of organic and conventional agriculture in Europe, 2005,2007,
2009, Maymester class
Hort 422. Vegetable Production, 2008-present.
Hort 491. Principles of Organic/Sustainable Agriculture, 2011.

B. Continuing Education Courses

'Understanding Weeds – A Practical Course on the Biology of Weeds', Purdue University 1 week intensive short course. 1982 and 1984
'Herbicide Action- An Intensive Course in Herbicide Use', Purdue University, 1 week intensive short course. 1980-2003.
Graduate Student training: 1980 – present, Major Professor of 12 Ph.D. Students, 13 MS Students, 5 Post Doctoral Fellows, committee member on over 50 graduate committees.

6. Extension Contributions

A. Duties:

Responsible for weed control recommendations in all horticulture crops in Indiana. Contributor to Production Guides for fruit, vegetable and ornamental crops from 1980 to present. Basic responsibilities are to provide expertise in weed control for extension specialists. The extension program is conducted to accomplish the following goals: 1) provide technical information to the horticulture extension specialists to aid them in advising growers on weed control problems, and 2) write recommendations for growers on how to control weeds with existing herbicides. Other functions include writing extension bulletins or newsletters as needed for special problems, presenting talks at grower meetings and answering questions about weed control and assisting in gaining registrations for new herbicides via Section 18's, 24-C State labels and Section 3 national labels. Dr. Weller has given over 250 extension talks to vegetable, fruit, ornamental and mint producers since 1980.

B. High Impact Programs:

'**Understanding Weeds – A Practical Course on the Biology of Weeds**' taught during 1982 and 1984 and coordinated by Dr. Fred Warren. I prepared lectures on 'Weed Seed Dormancy, Periodicity of Weed Seed Germination and the biology of Field Bindweed' and coordinated all daily laboratory exercises. This course was taught to 30 weed science professionals each session.

C. Herbicide Action- An Intensive Course in Herbicide Use:

This course has been taught at Purdue University since 1980. It has provided education on how herbicides work and is used from agriculture to professional weed scientists. The course has been attended by over 2000 weed science professionals in the 24 years it was held and provided needed continuing educational training to herbicide company personnel, agricultural crop advisers, university weed scientists and students. This course set the standard for continuing education in weed science and attracted participants from around the world. The course emphasized weed management, herbicide use and their action in plants and issues regarding weed management.

Course participants are provided with a notebook of over 800 pages that covers all aspects of herbicides and their use. Dr. Weller was an instructor and assistant to Dr. Fred Warren from 1980 until 1994 and has been the sole coordinator of the course since 1995.