



International Association for the
PLANT PROTECTION SCIENCES

NEWSLETTER

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IN MEMORIAM OF LAWRENCE APPLE



Dr. Jay Lawrence Apple, former Secretary General and Founder of IAPPS, passed away on September 13, 2015 at Cobles HealthCare at Twin Lakes, Burlington, NC.

At IPPC XII held in The Hague in 1995, Dr. Apple proposed that we consider an umbrella organization to administer the IPPC Congresses along with other activities. This umbrella organization later became known as the International Association for the Plant Protection Sciences (IAPPS). As the founder of IAPPS, Dr. Apple has worked diligently on steering this organization to represent scientists associated with Plant Protection throughout the world. It is mainly through his efforts that IAPPS has become well known and has attracted several world-renowned scientists from all parts of the world to serve

on the Governing Board. After serving as Secretary General for the IPPC since the IPPC XII held in Rio in 1991, at IPPC XV in Beijing in 2004 Lawrence announced his retirement from the IAPPS Governing Board.

Born on January 8, 1926, Lawrence grew up on a small rural farm in Gibsonville, North Carolina during the Depression. He stated that as much as they struggled during those times, they were fortunate. They could grow their own food sources and plant crops to harvest and sell. He knew the life lesson of empowering people to be self-sustaining. At the age of 18, he was drafted into the Army to serve in World War II. One day, a mortar shell fell close by that would have killed him but it was a dud. Lawrence vowed that if he made it home, he would do something meaningful with his life and leave a legacy to honor The GI Bill. And he dedicated his entire life to transform this promise into reality after serving. He attended North Carolina State University (NCSU) where he was awarded the B.S., M.S. and Ph.D. degrees. In 1963 he was appointed to the faculty in the College of Agriculture at his alma mater. Dr. Apple remained at NCSU until his retirement and continued to do volunteer work for the University for several years. On March 9, 2009, Dr. Apple was honored as a professor emeritus with the prestigious Watauga Medal by North Carolina State

University, the highest nonacademic honor bestowed by NC State. He also received the Research Award by the Society of Sigma XI and the Award of Merit by Sigma Iota Rho (1998).

Lawrence had a very distinguished career in international agriculture. He began working in international agricultural programs in 1963 when he and his wife Ella moved to Peru where he administered NCSU resident science programs. He was one of the founders of IPM and soon became one of the world's authorities in this area, co-publishing the iconic book 'Integrated Pest Management' with Ray F. Smith from the Berkley group in 1976. He has received many awards for his plant breeding-genetics research and IPM initiatives.

Bill Tweedy, one of his closest friends, will always remember him as a very benevolent man: 'He had a small farm and he grew lots of sweet corn, peaches, pumpkins and watermelons to give to his close friends. When they were ready for harvest he would call and say "The corn is ready. Come get it". Fortunately, I was one of those close friends. When I arrived, the crops were harvested and ready to take home. He always wanted to visit for a while. He was a wonderful man, a great scientist and a very good administrator.'

To honour Lawrence as the founder of IAPPS, the Executive Committee of the Governing Board has decided to establish a 'Lawrence Apple Scholarship' to enable meriting students and young researchers from developing countries to attend the IPPC. The details of the scholarship will be announced in future issues of the newsletter.

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MISSION POSSIBLE: FOOD FOR ALL THROUGH APPROPRIATE PLANT PROTECTION - IPPC 2015 ENDED

A great scientific event ended and more than 1200 delegates of over 95 countries returned to their countries inspired by new ideas, new professional contacts and an overwhelming, peaceful atmosphere.

»Mission possible: food for all through appropriate plant protection« – was the headline of the IPPC Congress 2015. What we heard in the 340 oral contributions and the 845 posters presented was promising: The United Nations, expecting a global population of 9 billion people by the year 2050, can be sure that one of the biggest global challenges of the 21st century, food security for the growing population, can be solved.

We CAN feed the world – despite all the difficulties a globalized world might have, despite a changing climate, and despite limited and fewer resources, even using less water, fertilizers and energy. The approach demonstrated by the delegates from all continents bases on a sustainable intensification of crop production. Even more important is an intensification of mutual

collaboration of all parties involved in plant production: farmers, extension services, research and education institutions, including scientific civil societies, regulators and administrations, storage and trade companies, retailers, and consumers. A generally accepted agro-ethical code of practice should be recognized by interacting countries, delegates said. All pointed out that without political stability the best agricultural system will fail.

All delegates agreed that integrated pest management plays a key role in regard to this mission. An integrated approach to plant protection provides the best means of achieving effective and resilient plant protection strategies. It is knowledge-based and uses scientific understandings of pest population dynamics and the role of natural control mechanisms in order to achieve combined management practices in a sustainable manner.

It was encouraging to see that all over the planet healthy plants are seen as a prerequisite for overcoming hunger and for feeding the world today and tomorrow. Bearing in mind the whole food chain, there is also a need to minimize food losses and food waste. In respect of the latter, governments have already initiated national campaigns directed at consumers.

In the wake of climate change, pests and diseases, and invasive species in particular will continue to gain importance. However, as asserted by most delegates, these problems can be overcome by sharing knowledge and expertise to advance science, and by networking with colleagues around the world the way it has been demonstrated during this congress. The importance of networking was also highlighted by the young scientist's world café, the student reporters, the scientific societies' meetings, and lectures concerned with the integration of education, showing clearly that scientific civil societies need to be the foundation for the interaction of research, extension services, policy makers, and industry.

Details of IPPC2015 with pictures of the event are reported in the DPG Newsletter
http://dpg.phytomedizin.org/fileadmin/daten/04_Verlag/01_PM/0294-pm-2015-3-5.pdf

The DPG thanks all delegates for coming – we are looking forward to meeting you all again in Hyderabad in 2019 !

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IPPC2015 E-POSTERS AND KEYNOTE PRESENTATIONS AVAILABLE ONLINE

Due to numerous requests from IPPC participants, we are pleased to announce that the submitted E-Posters as well as Keynote Presentations of the 18th International Plant Protection Congress are now online and available for download.

How to access the Keynote Presentations:

- 1) Please go to the IPPC 2015 [Programme Planner](#)
- 2) Click on any day's plenary keynote presentation
- 3) Follow the link, "Presentation Available (PDF)"

How to access submitted E-Posters:

- 1) Please go to the IPPC 2015 [Programme Planner](#)
- 2) Click on any day's poster session
- 3) Please select the topic you are interested in
- 4) All posters of this session will now be shown. Select the one you would like to see! (Please note that not all E-Posters were submitted)

Would you like to remove your e-poster from the website or do you have any other questions? Please do not hesitate to contact us at ippc@conventus.de or via phone +49 3641 31 16-374.

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IAPPS Mission: to provide a global forum for the purpose of identifying, evaluating, integrating, and promoting plant protection concepts, technologies, and policies that are economically, environmentally, and socially acceptable.

It seeks to provide a global umbrella for the plant protection sciences to facilitate and promote the application of the Integrated Pest Management (IPM) approach to the world's crop and forest ecosystems.

Membership Information: IAPPS has four classes of membership (individual, affiliate, associate, and corporate) which are described in the IAPPS Web Site www.plantprotection.org.

The *IAPPS Newsletter* welcomes news, letters, and other items of interest from individuals and organizations. Address correspondence and information to:

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