Biographical Information

**Name and Address**

Raymond A. Cloyd

Professor and Extension Specialist in Horticultural Entomology/Integrated Pest Management

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**Nature and Scale of Responsibilities**

Extension (70%) and research (30%) appointment at Kansas State University, Manhattan, KS. Research and extension program involves pest management in greenhouses, nurseries, landscapes, turfgrass, conservatories, interiorscapes, Christmas trees, and vegetables and fruits. Extension specialist in horticultural/ornamental entomology for the state of Kansas. Major clientele includes homeowners, master gardeners, and professional and commercial operators.

Raymond has published over 70 scientific refereed publications and over 400 trade journals on topics related to pest management. In addition, he has authored or co-authored books (*Pests and Diseases of Herbaceous Perennials*, *IPM for Gardeners*, *Plant Protection: Managing Greenhouse Insect and Mite Pests*, and *Compendium of Rose Diseases and Pests*), book chapters, manuals, PICT or pocket guides, and many extension-related publications. Raymond is a frequent speaker at state, national, and international conferences and seminars.

**Education and Work Background**

**Education:** Associate of Science Degree in Ornamental Horticulture, Monterey Peninsula College, Monterey, CA. 1985.

 Bachelor of Science Degree in Ornamental Horticulture, California Polytechnic State University-San Luis Obispo, CA. 1990.

 Minor of Science Degree in Plant Protection/Pest Management, California Polytechnic State University-San Luis Obispo, CA. 1990.

 Masters of Science Degree in Entomology, Purdue University, IN. 1995

 Doctor of Philosophy Degree in Entomology, Purdue University, IN. 1999.

**Work:** Owner and Manager: Ray Cloyd Landscape Gardeners and Horticultural Consultants, Monterey, CA. 1982-1992. Responsibilities: landscape maintenance, installation, designing, and horticultural consulting for commercial and residential clients.

 Landscape Maintenance Supervisor: Sonora Hills Retirement Community, Sonora, CA. 1990-1992. Responsibilities: landscape and irrigation maintenance; insect, disease, and weed management; supervise and designate work-crew responsibilities.

 Greenhouse Manager/Pesticide Applicator: California Polytechnic State University-San Luis Obispo, Department of Ornamental Horticulture, San Luis Obispo, CA. 1988-1990. Responsibilities: coordinate operations for greenhouse facilities, designate work-crew responsibilities, and maintain greenhouse environmental control systems. Application of herbicides, insecticides, and fungicides in greenhouse, landscape, and nursery crop production systems. Implement integrated pest management strategies.

 Assistant Professor/Associate Professor, Extension Specialist in Ornamental

 Entomology/Integrated Pest Management, University of Illinois, Department of

 Natural Resources and Environmental Sciences, Urbana, IL. 1999-2006.

 Appointment: Extension (70%) and Research (30%). Responsbilities: Extension

 and research associated with pest management of greenhouses, nurseries,

 landscapes, turfgrass, conservatories, and interiorscapes. Extension specialist in

 ornamental entomology for the state of Illinois. Major clientele: homeowners,

 master gardeners, and professional and commercial operators.

# Honors and Awards

University of Illinois Extension Outstanding/Innovative Program Team Award (“Insect

 Identification Series”) 2001.

Southern Illinois Bedding Plant School Outstanding Service Award 2003.

College of Agricultural, Consumer, and Environmental Sciences Faculty Award for

 Excellence in Extension 2003.

Indiana Flower Growers Association Appreciation Award 2003.

Visionary Leadership Award, Epsilon Sigma Phi Extension Fraternity 2003.

American Society of Horticultural Science, Outstanding Extension Publication Award

 (Outstanding Primarily Visual Award) 2003.

University of Illinois Excellence in Extension Campus Award for Less than 10 Years of Service

 Award 2004.

Entomological Society of America Outstanding Service Award, *Arthropod Management Test*

 Editorial Board (Chairperson and Member) 2005.

Early Career Extension Award, Epsilon Sigma Phi Extension Fraternity (Illinois Alpha Nu

 Chapter) 2006.

North Central Region, Epsilon Sigma Phi Early Career Extension Award 2007.

Epsilon Sigma Phi, Alpha Rho State Early Career Extension Award 2008.

Extension Length of Service Award—10 years: Epsilon Sigma Phi Alpha Rho Chapter 2009.

Kansas State Research and Extension 10 Years of Service Award; Kansas State University 2009.

OFA Bulletin Author of the Year; Ohio Florists’ Association Award 2010.

American Rose Society Award of Merit Bulletin/Newsletter Contest; Article: Dormant oils—

 Everything you ever wanted to know. The Nashville Rose Leaf 2010.

American Rose Society Award of Merit Bulletin/Newsletter Contest; Article: Defusing

 misconceptions about thrips. The Nashville Rose Leaf 2010.

American Rose Society Award of Merit Bulletin/Newsletter Contest; Article: What rose growers

 should know about colony collapse disorder. The Nashville Rose Leaf 2010.

Entomological Society of America North Central Branch Award of Excellence in Integrated Pest

 Management 2010.

American Society for Horticultural Science Outstanding Extension Publication Award

 (Outstanding Leaflet Award: Resistance Management: Resistance, Mode of Action, and

 Pesticide Rotation) 2010.

American Rose Society Award of Merit Bulletin/Newsletter Contest; Article: Imidacloprid

 (Merit®). The Nashville Rose Leaf 2011.

American Rose Society Award of Merit Bulletin/Newsletter Contest; Article: Pesticide

 resistance. The Nashville Rose Leaf 2011.

Society of American Florists Alex Laurie Award for Research and Extension 2011.

American Rose Society Award of Merit Bulletin/Newsletter Contest; Article: Rose Rosette

Disease. The Nashville Rose Leaf. 2012.

American Rose Society Award of Merit Bulletin/Newsletter Contest; Article: What are

pesticide metabolites. The Nashville Rose Leaf. 2012.

American Society for Horticultural Sciences Outstanding Extension Educator Award 2012.

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