- olina.
- Schepers, J. S., D. D. Francis, and M. T. Thompson. 1989. Simultaneous determination of total C, total N, and ¹⁵N on soil and plant material. Commun. Soil Sci. Plant Anal. 20:949-959.
- Scott, T. W., and R. F. Burt. 1985. Cover crops and intercrops of New York. Cornell Coop. Ext. Fact Sheet. Cornell University, Ithaca, New York.
- Shaw, R. H. 1977. Climatic requirement. In G. F. Sprague (ed.). Corn and Corn Improvement. Agronomy 18:591-623.
- Smith, M. S., W. W. Frye, and J. J. Varco. 1987. Legume winter cover crops. Adv. Soil Sci. 7:95-139.
- Soil Conservation Service. Undated. Soil conservation systems for Iowa cropland. USDA-SCS, Des Moines, Iowa.
- Staver, K. W., and R. B. Brinsfield. 1990. Patterns of soil nitrate availability in corn production systems: Implications for reducing groundwater contamination. J. Soil Water Conserv. 45:318-323.
- 37. USDA. 1981. Soil survey of Boone County, Iowa. USDA-SCS, U.S. Gov. Print. Office,

- Washington, DC.
- Voss, R. D., and W. D. Shrader. 1988. Crop rotations: Effects on yields and response to nitrogen. Pm-105. Iowa State University, Cooperative Extension Service, Ames, Iowa.
- 39. Wagger, M. G., and D. B. Mengel. 1988. The role of nonleguminous cover crops in the efficient use of water and nitrogen. In W. L. Hargrove (ed.). Cropping Strategies for Efficient Use of Water and Nitrogen. Am. Soc. Agron. Spec. Publ. 51. Am. Soc. Agron., Crop Sci. Soc. Am., and Soil Sci. Soc. Am., Madison, Wisconsin. pp. 115-127.



INSTITUTE NEWS

Dr. Richard J. Sauer is Named to IAA Board

At its regular mid-year meeting on September 7 in Ames, Iowa, IAA's Board of Directors elected Dr. Richard J. Sauer to a three-year term on the Board. Dr. Sauer is President and Chief Executive Officer of the National 4-H Council in Bethesda, Maryland. Prior to assuming his present position in 1989, Dr. Sauer spent 8 1/2 years at the University of Minnesota as Director of the Agricultural Experiment Station, with the last 5 1/2 years as Vice President for Agriculture, Forestry, and Home Economics. Trained in entomology, he also has served in several other research and administrative posts, including a brief tenure as Interim President of the University of Minnesota.

West Virginia University Economist is IAA Visiting Scholar

Gerard D'Souza, an Agricultural Economist at West Virginia University in Morgantown, West Virginia, is spending three months at the IAA studying possible ways to overcome limitations of economics research techniques for analyzing alternative agriculture. At West Virginia University since 1984, D'Souza has taught and conducted research on the economics of agricultural production, farm management, and finance. With a growing interest in alternative agriculture, he

has been involved in studies of biological brush control, extended grazing, recycling, and farmers' adoption of alternative practices. D'Souza has a Ph.D. in agricultural economics from Mississippi State University.

Youngberg Receives Award

Dr. Garth Youngberg, Executive Director of the IAA, has received an Alumni Achievement Award from the College of Liberal Arts and Sciences Alumni Association at the University of Illinois. The awards recognize an alumnus or alumna who, by outstanding achievement, has demonstrated the values derived from a liberal arts and sciences education. Youngberg earned his Ph.D. in political science from the University of Illinois in 1971, with an emphasis in agricultural policy and administration. As Executive Director of the IAA, which he helped found in 1983, Youngberg "has been consistently in the forefront of issues related to competitiveness, environmental considerations, food safety, and policy," according to the award. In nominating Youngberg for the award, Professor Emeritus of Political Science Phillip Monypenny wrote, "None has made a personal contribution so substantial to a movement attempting solutions to a problem as knotty intellectually, scientifically, as well as politically, as creating an agricultural system which avoids practices increasingly destructive to the environment while rewarding those

who operate it, and whose livelihood depends on it, with an appropriate and stable level of return."

Maureen Hinkle Addresses Budapest Conference

Maureen Hinkle, Director of Agricultural Policy, National Audubon Society, and a member of IAA's Board Directors, was the governmental organization representative invited to address a workshop held in Budapest, September 16-20, 1991. The workshop was one of three involving scientists from the U.S. and Eastern Europe to develop a major proposal to USAID for three-year funding for agriculture projects in Hungary, Romania, Poland, Yugoslavia, and Czechoslovakia. The Budapest workshop dealt with maximizing biological control in integrated pest management systems for potatoes, wheat, and apples, IPM has developed a research base and an extension outreach to many farmers. By centering IPM projects on biological conshould trol. chemical use dramatically reduced, and any use must be compatible with biological controls. The result should be reduced costs to farmers and improvement for human health and the environment. The second workshop will address ground water, and the third soil erosion.

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