1995 Volume 10, Number 2

TABLE OF CONTENTS

- 50 The International Workshop on Establishment of Microbial Inocula in Soils: Cooperative Research Project on Biological Resource Management of the Organization for Economic Cooperation and Development (OECD) L.F. Elliott and J.M. Lynch
- 74 Short-term effects on earthworm populations of sidedressing corn with solid dairy cattle manure in a boreal climate B. Estevez, D. Côté, F. Pagé, and D. Coderre
- **82** The effect of phosphate-enriched compost on the yield and phosphorus nutrition of rye grass C.P. Singh and A. Amberger
- 88 Combining alternative and conventional systems for environmental gains
 K.M. Painter, D.L. Young, D.M. Granatstein, and D.J. Mulla

Departments

Institute News—81 • Upcoming Events—87

Journal Editorial Board

Miguel A. Altieri, University of California at Berkeley • Molly D. Anderson, Tufts University • Lloyd A. Andres, USDA-ARS • David F. Bezdicek, Washington State University • Harold F. Breimyer, University of Missouri • Michael C. Brumm, University of Nebraska • Frederick H. Buttel, University of Wisconsin • Katherine L. Clancy, Syracuse University • Eliot Coleman, Harborside, Maine • Kenneth A. Cook, Center for Resource Economics, Washington, DC • R. James Cook, USDA-ARS • John W. Doran, USDA-ARS • Sara Ebenreck, St. Mary's College • Thomas C. Edens, Michigan State University • Frank P. Eggert, University of Maine • Lloyd F. Elliott, USDA-ARS • A. Dale Flowerday, Pioneer Hi-Bred International • Charles A. Francis, University of Nebraska • Stephen R. Gliessman, University of California at Santa Cruz • Joan Gussow, Columbia University • Don F. Hadwiger, Iowa State University • Richard R. Harwood, Michigan State University • Glenn A. Helmers, University of Nebraska • Sharon B. Hornick, International Nature Farming Research Center, Bellingham, Washington • Larry D. King, North Carolina State University • Dietrick Knorr, University of Delaware • J. Patrick Madden, Madden Associates • Robert H. Miller, University of Rhode Island • Robert I. Papendick, USDA-ARS • James F. Parr, International Nature Farming Research Center, Bellingham, Washington • Richard L. Ridgway, USDA-ARS • Douglas L. Young, Washington State University • Raymond R. Weil, University of Maryland.

Wallace Institute Board of Directors

Dr. Anne C. Vidaver, President, Lincoln, Nebraska • Mrs. Jean Wallace Douglas, Honorary President, Washington, DC • Dr. David F. Bezdicek, Vice President, Pullman, Washington • Dr. John C. Gordon, Secretary, New Haven, Connecticut • Dr. James W. Gibbons, Treasurer, Ozark, Arkansas • Dr. Cornelia Butler Flora, Ames, Iowa • Mr. Michael Heller, Upper Marlboro, Maryland • Dr. Frederick L. Kirschenmann, Windsor, North Dakota • Dr. Frederick R. Magdoff, Burlington, Vermont • Dr. Esther Nickel, Jackson, Minnesota • Dr. Mazo Price, Pine Bluff, Arkansas • Mr. James H. Stephenson, Upper Marlboro, MD • Mr. Gregory C. Watson, Falmouth, Massachusetts.

Journal Staff

Editor — Garth Youngberg
Technical Editor — William Lockeretz
Associate Technical Editors — Paul B. Marsh
—Neill Schaller
—Marion E. Simpson
—Katherine R. Smith
Book Review Editors — Thomas C. Edens
— James F. Parr
Assistant to the Editor —Sarah C. Byler
Circulation—Joanna L. Hildebrand
—Nancy L. Ward
Art Director—Randy White

The American Journal of Alternative Agriculture (ISSN 0889-1893) is published quarterly by the Henry A. Wallace Institute for Alternative Agriculture, Inc., 9200 Edmonston Road, Suite 117, Greenbelt, Maryland 20770-1551, in collaboration with the Center for Agriculture, Food and Environment, School of Nutrition, Tufts University, Medford, Massachusetts 02155. Neither the Wallace Institute nor Tufts University is responsible for statements and opinions expressed by authors.

Subscription Information

Annual Journal subscription rates: Library \$44—US; \$52—Canada and Mexico; \$54—all other countries. Individuals \$24—US; \$27—Canada and Mexico; \$28—all other countries. Students \$12—US; \$13.50—Canada and Mexico; \$14—all other countries. Second Class postage paid at Greenbelt, MD. Postmaster: Send address changes to American Journal of Alternative Agriculture, 9200 Edmonston Road, Suite 117, Greenbelt, MD 20770-1551.

Wallace Institute Information

The Henry A. Wallace Institute for Alternative Agriculture is a nonprofit, tax-exempt research and education organization established in 1983 to encourage and facilitate the adoption of cost-effective, resource-conserving and environmentally-sound farming methods. It works closely with producer groups, public research and education institutions, and government agencies in promoting a sustainable agriculture system.

Its programs include providing a national information clearinghouse, serving as a voice for sustainable agriculture in Washington, and developing and implementing research and educational outreach programs. It holds an annual scientific symposium and publishes a monthly newsletter.

The Institute is governed by a grass roots Board of Directors, which includes several commercial-scale organic farmers, and maintains a small professional staff. It is supported by memberships and donations and grants from foundations, corporations, and individuals

Cover Photo

The cover photo shows bacteria producing gums during the decomposition of straw—a process that can be manipulated to promote soil structure. Photo provided by L.F. Elliott and J.M. Lynch (see p. 50).