

Table of Contents

A SECTION

BOOK REVIEW

- 5A** *Soil and Water Conservation Advances in the United States: A review*
Moustafa Elrashidi

VIEWPOINT

- 6A** **Developing open access in conservation research**
Wanhong Yang

- 9A** **Agricultural human dimensions research: The role of qualitative research methods**
Linda S. Prokopy

FEATURES

- 13A** **No-till can increase earthworm populations and rooting depths**
W. Doral Kemper, Nicholas N. Schneider, and Thomas R. Sinclair

- 18A** **Iowa farmers' responses to transformative scenarios for Corn Belt agriculture**
Joan I. Nassauer, Jennifer A. Dowdell, Zhifang Wang, Danielle McKahn, Brian Chilcott, Catherine L. Kling, and Silvia Secchi

TECH TRANSFER BRIEFING

- 25A** *Advances in Nitrogen Management for Water Quality*
Jorge A. Delgado and Ronald F. Follett

RESEARCH SECTION

- 1 Nitrogen balances for New York State: Implications for manure and fertilizer management**
S.N. Swink, Q.M. Ketterings, L.E. Chase, K.J. Czymmek, and M.E. van Amburgh
- 18 Tracer movement through paired vegetative treatment areas receiving silage bunker runoff**
J.W. Faulkner, W. Zhang, L.D. Geohring, and T.S. Steenhuis
- 29 A design aid for sizing filter strips using buffer area ratio**
M.G. Dosskey, M.J. Helmers, and D.E. Eisenhauer
- 40 The role of sediment supply in channel instability and stream restoration**
M.T. Rakovan and W.H. Renwick
- 51 Stochastic dominance analysis of returns to stocker grazing on conservation tillage winter wheat forage in Arkansas**
K.B. Watkins, J.A. Hignight, P.A. Beck, M.M. Anders, D.S. Hubbell, III, and S. Gadberry
- 61 Louisiana crawfish farmer adoption of best management practices**
N.P. Nyaupane and J.M. Gillespie
- 71 Hydrology and water quality across gradients of agricultural intensity in the Little River watershed area, New Brunswick, Canada**
L. Chow, Z. Xing, G. Benoy, H.W. Rees, F. Meng, Y. Jiang, and J.L. Daigle