

# JOURNAL OF SOIL AND WATER CONSERVATION

JANUARY | FEBRUARY 2005

14A



14A

## WHEN TO ADAPT STATE NUTRIENT MANAGEMENT POLICIES

One state's adaptive management approach to strengthening nutrient management programs. Read about adjustments made in response to stakeholder's responses.

By Charles Abdalla and Alyssa Dodd

## DEPARTMENTS

4A

### HOMEFRONT

A Viewpoint from the Soil and Water Conservation Society  
Executive Director

6A

### VIEWPOINT — MAX SCHNEPF

Where Conservation Science Meets Practice

7A

### RAISE YOUR VOICE

Letters to the Editor

9A

### NOTEBOOK

Conservation News You Can Use

13A

### GOING RETRO — CELEBRATING 60 YEARS OF THE JSWC

A previously published viewpoint from 1985.

20A

### CONSERVOGRAM

The Soil and Water Conservation Society in Action



#### On the Cover

Cover photo by  
PhotoDisc.



## RESEARCH

- 1** **A TOOL FOR ESTIMATING BEST MANAGEMENT PRACTICE EFFECTIVENESS FOR PHOSPHORUS POLLUTION CONTROL**  
M.W. Gitau, W.J. Gburek, and A.R. Jarrett
- 10** **TRENDS IN PHOSPHORUS FERTILITY OF NEW YORK AGRICULTURAL LAND**  
Q.M. Ketterings, J.E. Kahabka, and W.S. Reid
- 21** **EVALUATION OF SOME PHOSPHORUS INDEX CRITERIA IN CULTIVATED AGRICULTURE IN CLAY SOIL**  
H.A. Torbert, R.D. Harmel, K.N. Potter, and M. Dozier
- 29** **FIELD EVALUATION OF THREE PHOSPHORUS INDICES ON NEW APPLICATION STIES IN TEXAS**  
R.D. Harmel, H.A. Torbert, P.B. DeLaune, B.E. Haggard, and R.L. Haney
- 42** **SOIL ORGANIC CARBON VARIABILITY AND SAMPLING OPTIMIZATION IN MONTANA DRYLAND WHEAT FIELDS**  
R.S. Bricklemeyer, P.R. Miller, K. Paustian, T. Keck, G.A. Nielsen, and J.M. Antle
- 51** **MAPPING SURFACE SOIL ORGANIC CARBON FOR CROP FIELDS WITH REMOTE SENSING**  
F. Chen, D.E. Kissel, L.T. West, D. Rickman, J.C. Luvall, and W. Adkins
- 58** **INFLUENCE OF SUMMER COVER CROPS ON CONSERVATION OF SOIL WATER AND NUTRIENTS IN A SUBTROPICAL AREA**  
Q. Wang, Y. Li, and W. Klassen
- 63** **EFFECTIVENESS OF SAND MULCH IN SOIL AND WATER CONSERVATION IN AN ARID REGION, LANZAROTE, CANARY ISLANDS, SPAIN**  
C.C. Jimenez, M. Tejedor, F. Diaz, and C.M. Rodriguez