



120A

120A

A MATTER OF BALANCE: CONSERVATION AND RENEWABLE ENERGY

Conservation and renewable energy are a matter of balance because of the crop biomass is food for the soil, but some see its use as only energy.

By Jane M.F. Johnson, Don Reicosky, Ray Allmaras, Dave Archer, and Wally Wilhelm

DEPARTMENTS

108A

HOMEFRONT—The Water and Soil Conservation Society?

Column by the Soil and Water Conservation Society's Executive Director, Craig A. Cox

110A

VIEWPOINT—Under appreciated climate factor in CEAP

Jurgen D. Garbrecht, P.J. Starks, and J.L. Steiner

112A

RAISE YOUR VOICE

Letters to the Editor

114A

NOTEBOOK

Conservation News You Can Use

126A

CONSERVOGRAM

The Soil and Water Conservation Society in Action



On the Cover

Photo by PhotoDisc.



RESEARCH

- 179** **INCREASING MAGNITUDES AND FREQUENCIES OF EXTREME PRECIPITATION EVENTS USED FOR HYDRAULIC ANALYSIS IN THE MIDWEST**
C.E. Davis, J.M. Harbor, and B. Tyner
- 185** **SURFACE WATER DIVERSION IMPACTS ON FARM INCOME AND SOURCES OF IRRIGATION WATER: THE CASE OF THE GRAND PRAIRIE IN ARKANSAS**
J. Hill, B. Watkins, E. Wailes, M. Popp, J. Popp, J. Smartt, and K. Young
- 191** **DAILY ESTIMATES OF RAINFALL, WATER RUNOFF, AND SOIL EROSION IN IOWA**
R. Cruse, D. Flanagan, J. Frankenberger, B. Gelder, D. Herzmann, D. James, W. Krajewski, M. Kraszewski, J. Laflen, J. Opsomer, and D. Today
- 200** **MANURE MANAGEMENT AND NUTRIENT LOSS UNDER WINTER CONDITIONS: A LITERATURE REVIEW**
M.S. Srinivasan, R.B. Bryant, M.P. Callahan, and J.L. Weld
- 209** **FIELD EVALUATION OF VEGETATIVE FILTER EFFECTIVENESS AND RUNOFF QUALITY FROM UNSTOCKED FEEDLOTS**
K.R. Mankin, P.L. Barnes, J.P. Harner, P.K. Kalita, and J.E. Boyer
- 218** **TILLAGE AND PERENNIAL GRASS EFFECTS ON PONDED INFILTRATION FOR SEVEN SEMI-ARID LOESS SOILS**
S.B. Wuest, J.D. Williams, and H.T. Gollany
- 223** **IMPROVEMENT IN SOIL LOSS ESTIMATION IN USLE TYPE EXPERIMENTS**
C.A.A. Ciesiolka, B. Yu, C.W. Rose, H. Ghadiri, D. Lang, and C. Rosewell
- 230** **ORGANIC CARBON AND NITROGEN IN SOILS OF SEMIARID ARGENTINA**
M.J. Mendez, L.D. Oro, J.E. Panebianco, J.C. Colazo, and D.E. Buschiazzi
- 236** **LONGTERM GRASS LEY SET ASIDE ON SANDY SOILS: A CASE STUDY**
M.A. Fullen and C.A. Booth