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
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

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. Buschiazzo

236  LONGTERM GRASS LEY SET ASIDE ON SANDY SOILS: A CASE STUDY
M.A. Fullen and C.A. Booth