FEATURES

81 Wastewater Reclamation and Reuse for Aquaculture in Peru
Hugo Nava

RESEARCH

91 Mapping Tillage Practices with LANDSAT Thematic Mapper
Based Logistic Regression Models
P. H. Gouda, B. J. Dalziel, D. J. Mulla, and F. Kollmann

97 Irrigation Scheduling for a Sandy Soil using Mobile Frequency
Domain Reflectometry with a Checkbook Method
C.A.M. Laboski, J.A. Lamb, R.H. Dowdy, J.M. Baker, J. Wright

101 Estimating the R-Factor with Limited Rainfall Data: a Case
Study from Peninsular Malaysia
B. Yu, G. M. Hashim, and Z. Eusof

106 Measurement of Soil Translocation by Tillage using a Non
Invasive Electromagnetic Method
L. Borselli and D. Torri

112 Developing and Testing a System for Studying Unsaturated
Solute Transport on Undisturbed Soil Blocks
J.S. Strock and D.K. Cassel

120 Effects of Emergency Haying on Vegetative Characteristics
Within Selected Conservation Reserve Program Fields in the
Northern Great Plains
A.W. Allen, B.S. Cade, and M.W. Vandever

126 Tillage and Fallow Effects on Selected Soil Quality
Characteristics of Former Conservation Reserve Program Sites
J.E. Gilley, J.W. Doran, and B. Eghball

133 Infiltration Rates in Fall-Seeded Winter Wheat Fields Following
Preplant Subsoil Tillage
M.M. Mizuba and J.E. Hammel

137 Impact of Subwatershed Partitioning on Modeled Source- and
Transport-Limited Sediment Yields in an Agricultural Nonpoint
Source Pollution Model
T.W. FitzHugh, D.S. Mackay

144 Conservation Management Effects on Soil Erosion Reduction in
the Sichuan Basin, China
G. Liu, M.J. Lindstrom, X. Zhang, Y. Li, and J. Zhang

147 The Effect of Moldboard Plow on Tillage Erosion along a Hillslope
D.V. St. Gerontidis, C. Kosmas, B. Detsis, M. Marathianou, T. Zafiriou, and M. Tsara

152 Effects of Peanut Cropping Practices and Canopy Cover
Conditions on Runoff and Sediment Yield
C.C. Truman and R.G. Williams
<table>
<thead>
<tr>
<th>Page</th>
<th>Research (continued)</th>
</tr>
</thead>
</table>
| 160  | Small Grain Cover Crops and Wheel Traffic Effects on Infiltration, Runoff, and Erosion  
     | T.C. Kasper, J.K. Radke, and J.M. Lafien |
| 165  | Soil Selection for Use in Environmental Analysis  
     | C. Arndt, B. Fecho, P. V. Preckel, B. Stoneman |
|      | DEPARTMENTS |
| 79   | Book Review by Dr. J. Lafien |
| 80   | Letters to the Editor |
| 89   | Upcoming |

DEPARTMENTS

- Book Review by Dr. J. Lafien
- Letters to the Editor
- Upcoming