Effects of Soil, Cover Crop, and Nutrient Source on Movement of Soil, Water, and Nitrogen under Simulated Rain-Slope Conditions


An error occurred in the above article which appeared in the July-September 1977 issue of the Journal of Environmental Quality. The footnote referred to by the asterisk indicating appropriate units was omitted from Fig. 2 on page 289. The corrected Fig. 2 is included below.

**Effect of Soil**
- T = Toledo
- W = Wauseon
- R = Rossmoyne

**Effect of Crop**
- c = cropped
- b = bare

**Effect of Nutrient (N) Source**
- c = chemical
- c+s = chem + straw
- m = manure

*Upper to medium to lower scales are for runoff, eroded solids, and leachate, respectively.

Fig. 2—Average amounts of N moving with eroded solids, runoff, and leachate from the microplots during sequential rain treatments as affected by soil, crop cover, and nutrient source.

Nutrient Transport in Surface Runoff and Interflow from an Aspen-Birch Forest


An error occurred in the above article which appeared in the April-June 1977 issue of the Journal of Environmental Quality. An incorrect factor was used in calculating interflow volumes. Interflow volumes in Table 1 should be 8.95, 8.65, and 8.63 cm for 1971, 1972, and 1973, respectively. Corresponding total water loss values (includes surface runoff and interflow) in Table 1 should be 21.47, 15.56, and 13.73 cm, respectively.

Interflow nutrient loss values in Table 2 should be multiplied by 1.5, and corresponding total water nutrient losses in Table 2 should be: (in kg/ha) NH₄-N, 0.27; NO₃-N, 0.15; organic N, 2.12; total N, 2.54; ortho P, 0.13; organic P, 0.15; total P, 0.28; K, 3.49; Na, 1.49; Ca, 7.62; Mg, 2.27; and COD, 109.94.

Interflow, weighted nutrient concentrations in Table 3 did not change, but total water loss, weighted nutrient concentrations should be: (in ppm) NH₄-N, 0.17; NO₃-N, 0.09; organic N, 1.30; total N, 1.56; ortho P, 0.09; organic P, 0.09; total P, 0.18; K, 2.24; Na, 0.93; Ca, 4.69; Mg, 1.39; and COD, 67.4.

Comparisons in the text involving interflow or total water loss values must also be changed according to the new table values.