

Effect of pig manure application on the quality of draining water

M. JAMBOU

*C. T. G. R. E. F., 24, rue du Bourdonnais,
B.P. 1312,
35016 Rennes*

The rapid increase in the size of pig production units leads to problems pertaining to the risks of the pollution of the superficial water sheets because of application of pig waste on agricultural soils.

Water coming from about 10 drained plots located in the « Côtes du Nord » and receiving variable amounts of pig manure was analysed with the aim of examining this problem.

The results found clearly show that all draining water had been contaminated by germs of faecal origin and from a chemical point of view, that the purifying capacity of the soil was efficient.

Several hypotheses can be formulated from this study with respect to the possible causes of the differences between the values recorded, but further studies are required to solve this question.

Reçu pour publication en avril 1976.
