Identifying the supply of plant-available nitrogen from dairy effluents to grow crops

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Project Overview

Objectives:
Investigate the N supplying power of dairy effluents and link this to effluent characteristics measured at the time of application.

Methodology:
Range of effluents characterised for measures relating to N supply.
Open incubation carried out over 6 months in a low N cropping soil.
Quantified mineralisation and related this to initial effluent characteristics.
Results

Slurry effluents

Solid effluents