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ORD

Name : Organic Resource Database

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Reference : Palm, C.A., C.N. Gachengo, R.J. Delve, G. Cadisch and K.E. Giller
(2001) : Organic inputs for soil fertility management in tropical agroecosystems :
application of an organic resource database. *Agriculture, Ecosystems and
Environment* 83, p. 27 -42

The Organic Resource Database contains information on organic resource quality parameters including macronutrient, lignin and polyphenol contents of fresh leaves, litter, stems and / or roots from almost 300 species found in tropical agroecosystems. Data on the soil and climate from where the material was collected are also included as are decomposition and nutrient release rates of many of the organic inputs.

Examples of its use are :

- to help select organic resources for a particular purpose
- to develop hypotheses on the decomposition rates of organic resources based upon C/N ratio's, lignin and polyphenol contents
- to use it as a database couples to models and decision support tools