



ANALYSIS OF URIC ACID NITROGEN IN POULTRY MANURE

Making the most of the nitrogen, phosphate, potash and sulphur supplied from applications of organic manure can save farmers money by reducing fertiliser applications. In addition, the Nitrate Vulnerable Zone Action Programme (which applies to c.70% of agricultural land in England) requires farmers to take full account of the nitrogen supplied from organic manures when planning their inorganic fertiliser N applications.

Understanding the nutrient content of organic manures is an essential part of any nutrient management plan. The variable nature of organic manures caused by losses during storage, dilution by rainfall and yard runoff, and variation during store emptying etc. means that published 'standard figures' may not accurately reflect manure nutrient content on any particular farm. Laboratory analysis can be used to provide accurate information for the N, P and K content of manures. For broiler litter, layer manure and duck muck, an analysis should include uric acid-N as it can account for up to 40% of the readily available Nitrogen content of poultry manure.

NRM can now offer the additional analysis of Uric Acid Nitrogen on poultry manure samples. Please contact our customer service department through our switchboard on 01344 886338 or alternatively email enquiries@nrm.uk.com for further information on this service.