NELSON County Extension Office

Owner
Patrick Shivers
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Bardstown KY 40004
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Sample Identification
UK Lab No 50119
County Code 179
County ID 0426
Owner ID PNP
Received 5/2/2005
Reported 5/6/2005

Sample Information
Crop: Nursery: Deciduous Trees
Stage of plant development: 6 wks after transplanting
Type of media: Pine Bark
Description of plants: Yellowing of lower leaves
Size of container: 7, 15, 25 gallon
Fertilizer applied: Osmocote 8-9 mo release
Lime applied: none given

Laboratory Results*
pH 6.7
Conductivity 0.42 mmho/cm**
Nitrate-N 23 ppm
Phosphorus 10.3 ppm
Potassium 39.0 ppm
Calcium 44.6 ppm
Magnesium 10.6 ppm

* Sample is saturated with water. After 1 hour, pH is determined in the sample. After another hour, water is removed from the sample. Results represent concentrations in the removed water.

** mmho/cm x 0.1 = S/m

For information on recommendations and results of greenhouse media test contact Dr. Robert G. Anderson, University of Kentucky, N-318 Ag Science North, Lexington, KY 40546. email: randerso@ca.uky.edu, phone: 606-257-4721