



Division of
Regulatory Services

Lexington Lab
859-257-7355

NELSON County Extension Office

Owner Patrick Shivers 234 Baptist Church Rd Bardstown KY 40004 502-322-5439	Sample Identification UK Lab No 50119 County Code 179 County ID 0426 Owner ID PNP Received 5/2/2005 Reported 5/6/2005
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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	Phosphorus	10.3 ppm
Conductivity	0.42 mmho/cm**	Potassium	39.0 ppm
Nitrate-N	23 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

Extension Agent

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