

# LOGAN LABS

[www.loganlabs.com](http://www.loganlabs.com)

620 N. Main Street • Lakeview, Ohio 43331 Phone: 937-842-6100 • Fax: 937-842-2433

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## Testing Methodologies:

### Mehlich III Extractable Elements

A.Mehlich 1984 Comm Soil Analysis 15:1409-1416

Warncke & Brown NCR 13 1998

Western States PT Program Soil & Plants Methods S4.0 1997

### pH

1:1 DI Water

Watson and Brown, NCR 13 1998

Western States PT Program Soil & Plant Methods S 2.2 1997

### Organic Matter

Loss-on-Ignition 360 C

Combs & Nathan NCR 13 1998

Western States PT Program & Plant Methods S4.2 1997

### Saturated Paste

Western States S 1.0 to 1.7 1997

### Available NO<sub>3</sub>-N & NH<sub>4</sub>-N

2NKCL extractable

Western States Soil & Plant Analytical Methods 1997

### Total C & Total N

Combustion Method

### Tissue HNO<sub>3</sub>-HCL04

Laboratory Guide for Conducting Soil Tests and Plant Analysis

J.Benton Jones Jr 2001

Logan Labs participates in the North American Proficiency Testing Program and the Agricultural Laboratory Proficiency Program.