

Nutrient Management Plan Writing School

Virtual Presentation Format using Zoom December 9-11, 2020

AGENDA

Wednesday, December 9, 2020

9:00 am	Introduction (definition of Nut. Mgt.)	David Kindig
9:15	Environmental Management of Nutrients	Tim Sexton
10:30	Break	
10:45	Environmentally Sensitive Site Identification Nutrient Source Application Timing	Ms. Rachel McAden
11:15	Programs Requiring Nut. Mgt. Plans and Implementation; Revenue Opportunities \$\$	Tim Sexton
11:45	Lunch	
12:45	Introduction: Field Productivity – Virginia Agronomic Land Use Evaluation System (VALUES)	David Kindig
1:15	Mehlich III to Mehlich I Soil Test Conversions	Ms. Rachel McAden
1:30	Phosphorus Procedures: Soil Test/ Environmental Threshold	David Kindig
2:20	Erosion Risk Assessment	David Kindig
2:45	Break	
3:00	Phosphorus Index - Introduction	Seth Mullins
	Phosphorus Index Exercise	Seth Mullins
4:30	Adjourn	

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Thursday, December 10, 2020

9:00 am	Lime Recommendations using Buffer pH Introduction to Case Study	David Kindig
9:40	Field Productivity Determination Using Soil Survey and VALUES	Joseph Tesaruo
10:30	Break	
10:45	Determining Nutrient Needs Using Soil Test Results and Lime Recommendations	Joseph Tesaruo
11:45	Lunch	
12:30pm	Fertilizer Blending Materials and Formulation	David Kindig
1:15	Manure Sampling Procedures	Nicholas Moody
1:45	Factors Affecting Manure Volume Generated on Farms and Calculation of Manure Volumes	Ms. Becky Barlow
2:30	Break	
2:45	Calculation of Nutrient Availability in Dairy Manure and Poultry Litter	Ms. Becky Barlow
3:30	Determining Residual Nitrogen Credits	Nicholas Moody
4:15	Calculation of Nutrient Availability in Biosolids	Nicholas Moody
4:30	Adjourn	

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Friday, December 11, 2020

9:00 am	Soil Test, Environmental Threshold, and P-Index Criteria for Manure and Biosolids Applications (using Case Study)	Ms. Stephanie Dawley David Kindig
10:30	Break	
10:45	Soil Test, Environmental Threshold, and P-Index Criteria for Manure and Biosolids Applications (using Case Study)	David Kindig
11:45	Lunch	
12:45 pm	Review Case Study P-Index Exercise	David Kindig
1:15 pm	Use of Pre-Sidedress Nitrate Soil Test	Alec Lipscomb
1:45	Nutrient Application Methods and Fertilizer and Manure Spreader Calibration Procedures	Alec Lipscomb
2:15	Break	
2:30	Primary and Supplemental Rates, Timing, and Placement of Commercial Fertilizer	David Kindig
3:00	Review of Regulations, Certification Process, and Exam	David Kindig
3:30	Adjourn	

DCR Nutrient Management website:

<http://www.dcr.virginia.gov/soil-and-water/nutmgt>

VCE Handbooks:

<http://soiltest.vt.edu/Files/handbooks.html>

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