Agricultural Water Management Systems to Balance Production and Environmental Objectives

**Program Objective:**
Provide continuing education for land improvement contractors, soil and water conservation technicians, farmers, engineers, consultants, sanitarians, and others interested in advancing their knowledge of basic concepts, principles, and skills related to the purpose, design, layout, construction, and management of Soil and Water Conservation Systems, emphasis on Water Management and Water Quality.

**Instructors:**
Land-Grant University Faculty/Staff, NRCS/ODA/SWCD engineers and technicians, ARS engineers and scientists, and experienced OLICA contractors and associates.

**Sponsors:**
Overholt Drainage Education and Research Program, Food, Agricultural and Biological Engineering, OSU Extension, OARDC, The Ohio State University, in cooperation with, USDA-NRCS, USDA-ARS, Soil and Water Conservation Districts, Fairfield SWCD; OSU Extension Fairfield County, Ohio Land Improvement Contractors and Assoc.

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2020 Overholt Drainage School, March 9-12

**4-Day Program**
- Agricultural Subsurface Drainage: System Design, Layout and Installation
- Drainage Water Management: Controlled Drainage System Design, Layout and Installation
- Applications for Water Management, Drainage Water Harvesting
- Water Quality Improvement Practices for Midwest Agricultural Drainage

Fairfield County Agricultural Center
831 College Ave, Lancaster, OH 43130

For information, contact Dr. Brown brown.59@osu.edu 1-614-292-3826 (Ofc) 1-614-264-7916 (cell – leave message)

Department of Food, Agricultural and Biological Engineering, 590 Woody Hayes Drive, Columbus, OH 43210-1058

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CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information: go.osu.edu/cfaesdiversity
Agricultural Subsurface Drainage Design, Layout and Installation
March 9-11
Monday 9:00 AM to 9:00 PM
Tuesday 8:00 AM to 9:00 PM
Wednesday 8:00 AM to 5:00 PM

Drainage Water Management: Controlled Drainage System Purpose, Benefits, Design, Layout and Installation
March 11-12
Wednesday Evening
Thursday 8:00 AM to 3:00 PM

Extensive classroom instruction, day time and evening work sessions and programs. Basic understanding of drainage and elevations encouraged.

Issues with Nitrogen and Phosphorus
Benefits for Water Quality and Crop Yields
Controlled Drainage Design
Water Management Zones, Mains, Lateral Spacing
Layout Examples and Exercises
WTC Structure Installation
Operation and Management
Drainage Collection/ Pumping
Drainage Water Harvesting Concepts
Management and Operation
Water Quality/Quantity Practices
Wood-Chip Bioreactors, Phosphate Filters
Blind Surface Inlets (as time allows)
Buffers with Controlled Drainage

Notes

ADVANCED REGISTRATION REQUIRED
Registration is for full 4-day program.
Complete the registration form and submit before March 6 with payment. See Registration Form.

Questions? Contact Dr. Brown at:
Ofc: 1-614-292-3826;
Cell: 1-614-264-7916 (Leave short message and I’ll call back);
Email: brown.59@osu.edu.