



2005 Hydroponic Short Course, Trade Show & Tour



Taking Hydroponic Businesses to the Next Level of Success!

All Occasions Catering, Waldo, Ohio

(Between Marion and Delaware, Ohio)

6989 Waldo-Delaware Road

April 20, 2005

Food Safety Session

Gain a marketing advantage! Learn how to grow, pack and distribute safe produce and prepare for third party audits. Participants will receive a certificate of participation and a Greenhouse Food Safety Manual.

8:30 am Registration & Continental Breakfast

9:00 to noon Greenhouse Food Safety Protocols: How to Grow, Pack & Sell Safe Produce

Human Resource Management Session

Finding and retaining good labor is key to your business success. Learn how to effectively recruit, train and motivate your labor force.

1:00 to 5:00 pm Creating and Keeping an Excellent Labor Force: Recruiting, Retaining & Motivating Employees

April 21, 2005

Business Session

8:30 am Registration & Continental Breakfast

9:00 Welcome and Introductions

9:15 There's More Than a Tomato Being Squeezed: Learn How to Compete & Win Doing What You Do Best!

10:15 Visit the Trade Show

10:30 Moving Your Business to the Next Level: Business Structure & Key Financial Indicators for Expansion

11:30 Trade Show Representatives Present Their Products

12 noon Trade Show and Lunch

Attend either the afternoon tomato or lettuce session.

Tomato Session

1:30 pm What You Need to Know About Buying Tomato Transplants

2:15 Feed Me! The Nutrition Your Plants Need to Do Their Best

3:15 Visit the Trade Show

3:30 Techniques to Grow the Best Tasting Tomatoes

4:15 Growing and Selling Organic Tomatoes

5:15 Trade Show and Reception

April 21, 2005 (continued)

Attend either the afternoon tomato or lettuce session

Lettuce Session

1:30 pm Hands-on Demonstration: How Roots and Shoots are Affected by Nutrient Deficiencies
You won't believe what happens to the roots until you see this demonstration. It's amazing!

2:30 Pushing the Lettuce Envelope: Techniques to Shorten the Days to Harvest

3:15 Visit the Trade Show

3:30 Intensive Lettuce Cultivation Using Float Beds

4:30 Developing New Markets for Hydroponic Lettuce

5:15 Trade Show and Reception

Great Lakes Hydroponic Association Annual Meeting

7:00 pm Great Lakes Hydroponic Association Annual Meeting & Dinner

You must be a member or guest of a member to attend. Consider joining. It reduces your registration fee, and it's a great organization.

April 22, 2005

8:00 am Please note the earlier starting time.

8:15 Using Interactive Budgets to Analyze Expansion Opportunities

8:45 Optimizing Temperature & Humidity Control Using Natural Ventilation

9:15 The Realities of Building a One-Acre Greenhouse Expansion: A True Story

10:00 Visit the Trade Show

10:15 Design Criteria for a Modern Hydroponic Greenhouse: A Global Perspective

11:15 Organic Greenhouse Production: Theory & Practice

12:15 pm Lunch

1:00 Board the bus for the Greenhouse Tour!

5:00 Return to All Occasions Catering

Tour of a New, One-Acre Tomato Greenhouse

Bill and Sonie VanScoy have taken their hydroponic tomato greenhouse to the next level. They completed a one-acre greenhouse expansion in September. The greenhouse has the newest technology from the Netherlands. The tomatoes are grown year-round on hanging gutters, the greenhouse has double roof vents, and the greenhouse is heated with hot water rail heat.

The Short Course is Developed & Sponsored by:

The Ohio State University OARDC

The Ohio State University Extension ABE Center

The Great Lakes Hydroponic Association



Who Should Attend?

The 2005 Hydroponic Short Course is designed for experienced growers, but new or prospective growers are welcome and will gain knowledge that will help them run profitable businesses.

Why Attend?

Greenhouse Tour

You will tour one of the most technologically advanced hydroponic greenhouses in the United States. You will see growing systems used in Europe and Canada.

Knowledge

Gain the business, horticultural, food safety and greenhouse design knowledge you need to take your hydroponic business to the next level of success!

Trade Show

Learn from the trade show exhibitors about new products and supplies for hydroponic greenhouse production.

Expert Speakers

We have nationally known experts coming from businesses and universities around the United States.

Speakers are traveling from the University of Arizona, Mississippi State University, the University of Toledo, Ohio State University, Minnesota, New York and Ohio to share their expertise with you.

Learn about:

- Increasing business profitability
- Managing and motivating employees
- Marketing to increase revenues
- Greenhouse food safety practices
- Corporate structure and financial management
- State-of-the-art greenhouse designs
- Organic greenhouse production
- Achieving the best tomato flavor and yields
- Shortening the days to lettuce harvest
- Achieving the best lettuce quality
- Float bed lettuce production
- And much more!



Where's Waldo?

Waldo, Ohio is 40 miles north of Columbus, Ohio on US-23. All Occasions Catering has comfortable meeting rooms and is close to the greenhouse we will tour on Friday.

What Airport Should I Use?

Book your flight into Port Columbus International Airport (CMH).

Nearby Hotel Accommodations

Marion, Ohio (12 miles north of Waldo)

Holiday Inn Express	740-389-4300
Comfort Inn	740-389-5552
Fairfield Inn	740-389-6636

Delaware, Ohio (12 miles south of Waldo)

Super 8	740-363-8869
AmeriHost Inn	740-363-3510

Directions to All Occasions Banquet Facility

From Cleveland:

South on I-71 to exit 140 W on Rt. 61 to West OH-229 to 6989 Waldo Delaware Rd.

From Columbus:

North US-23 to Waldo Delaware Rd. (OH-229) turn left to 6989 Waldo Delaware Rd.

From Columbus Airport:

West on International Gtwy toward Sawyer Rd. Merge onto I-670 E/US-62 E toward Cleveland/Cincinnati. Merge onto I-270 N via the exit on the left toward Cleveland. Merge onto US-23 N toward Delaware (23 miles). Turn right onto Waldo-Delaware Rd./OH-229 to 6989 Waldo-Delaware Rd.

From Dayton:

East on I-70, merge onto I-270 N (exit 93B). Merge onto US-23 N (exit 23). Turn right onto Waldo-Delaware Rd. (OH-229) to 6989 Waldo-Delaware Rd.

From Detroit:

South on I-75, Merge onto OH-15 E via EXIT 156 toward US-23/Kenton/Columbus. OH-15 E becomes US-23 S. Take the OH-98 ramp toward Waldo/Prospect. Turn right onto Columbus-Sandusky Rd./OH-98. Turn left onto N. Marion St./OH-47. Continue to follow OH-47. Stay straight to go onto Waldo-Delaware Rd./OH-229 to 6989 Waldo-Delaware Rd.

OSU Extension embraces human diversity and is committed to ensuring that all educational programs conducted by Ohio State University Extension are available to clientele on a nondiscriminatory basis without regard to race, color, age, gender identity or expression, disability, religion, sexual orientation, national origin, or veteran status. Keith L. Smith, Associate Vice President for Agricultural Administration and Director, OSU Extension TDD No. 800-589-8292 (Ohio only) or 614-292-1868.

2005 Hydroponic Short Course & Greenhouse Tour
April 20-22, 2005
All Occasions Catering
6989 Waldo-Delaware Road, Waldo, Ohio

Registration Form

Email inquiries to: packer.19@osu.edu Subject line: Short Course
 For more information: 419-354-6916
www.oardc.ohio-state.edu/hydroponics

Registration Deadline: April 15, 2005

Please Print Clearly

Company: _____ Address: _____

City: _____ State: _____ Zip: _____

E-mail Address: _____ Fax #: _____ Phone # _____

Attendees: 1) _____ 2) _____

3) _____ 4) _____

Registration fees: \$150 per person for members of the Great Lakes Hydroponic Association (GLHA), \$200 per person for non-members, \$75 for students.

Registration includes: 2½ days of classroom instruction, ½ day tour to a state-of-the-art hydroponic tomato greenhouse, a trade show, a Greenhouse Food Safety Manual, Short Course Proceedings, 3 breakfasts, 3 lunches and coffee breaks.

The Great Lakes Hydroponic Association (GLHA) Annual Meeting will be held April 21, 2005 at All Occasions Catering, Waldo, Ohio at 7:00 p.m. The meeting will include dinner. You must be a GLHA member or the guest of a member to attend.

NO REFUNDS AVAILABLE

Short Course & Tour

GLHA Member _____ # attending @ \$150 = _____

Non-member _____ # attending @ \$200 = _____

GLHA Member Employee or Spouse _____ # attending @ \$100 = _____

Non-member Employee or Spouse _____ # attending @ \$150 = _____

Student _____ # attending @ \$ 75 = _____

Attending bus tour to greenhouse _____ # _____

Greenhouse tour, not riding bus _____ # _____

GLHA Annual Meeting

GLHA Annual Meeting _____ # attending @ \$ 25 = _____

Total _____

Lodging and transportation are not included. Bus transportation for the Greenhouse Tour is included in the registration fee. Area hotels and contact numbers are listed in the brochure.

Payment

Please make checks out to the ABE Center and send the check and completed registration form to:

**OSU Extension ABE Center, Attn: Carol Packer
 440 E. Poe Rd., Suite 201
 Bowling Green, Ohio 43402-4934**