

**HORTICULTURE**

# LEAN makes Green

A workshop for business owners and managers of the nursery and landscape industry

**February 29, 2012**

Lyndon City Hall  
515 Wood Road; Lyndon, KY

**Act quickly!**  
There is a limited number of seats available for this workshop.

**Cooperative Extension Service**  
University of Kentucky  
Department of Horticulture  
N-318 Ag. Science Ctr. N.  
Lexington, KY 40546-0091  
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**PROGRAM**

featuring **Elizabeth Peters**, Oregon Association of Nurseries Lean Program Director, and **Jim Wallitsch**, owner of Wallitsch Garden Center

- 8:00-8:30 Registration
- 8:30-9:30 An introduction to Lean and its impacts
- 9:30-10:30 Learning to see waste
- 10:30-10:45 Break
- 10:45-12:00 Tools for reducing waste
- 12:00-12:45 Lunch (provided)
- 12:45-1:15 Travel to Wallitsch Garden Center
- 1:15-2:00 Tour Wallitsch Garden Center
- 2:00-2:30 Discussion and Q & A
- 2:30-3:30 Where to go from here

Hope to see you there!

Sarah Vanek  
Extension Associate for Nursery Crops

**Advantages of Lean:**

- Reduced operating costs
- Freed-up time for greater productivity
- Improved quality with fewer defects
- Better inventory management

**A few success stories from Oregon Association of Nurseries Lean Team:**

- Modification of a single potting process reduced production costs by \$3,000+ per year.
- 16 improvement areas and as much as \$9,000 in waste were identified while examining a large grower's order-pulling and shipping process.
- Adaptations to a seedling lifting process freed up enough time for one crew to produce an additional 3,000 trees each day.



Educational programs of Kentucky Cooperative Extension serve all people regardless of race, color, age, sex, religion, disability, or national origin. University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating. Disabilities accommodated with prior notification.

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of the nursery and landscape industry

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available for this workshop.**

Feel free to call ahead to check availability.  
Sarah Vanek, 859-257-1273

Registration forms postmarked after  
**February 17** might not be accepted.

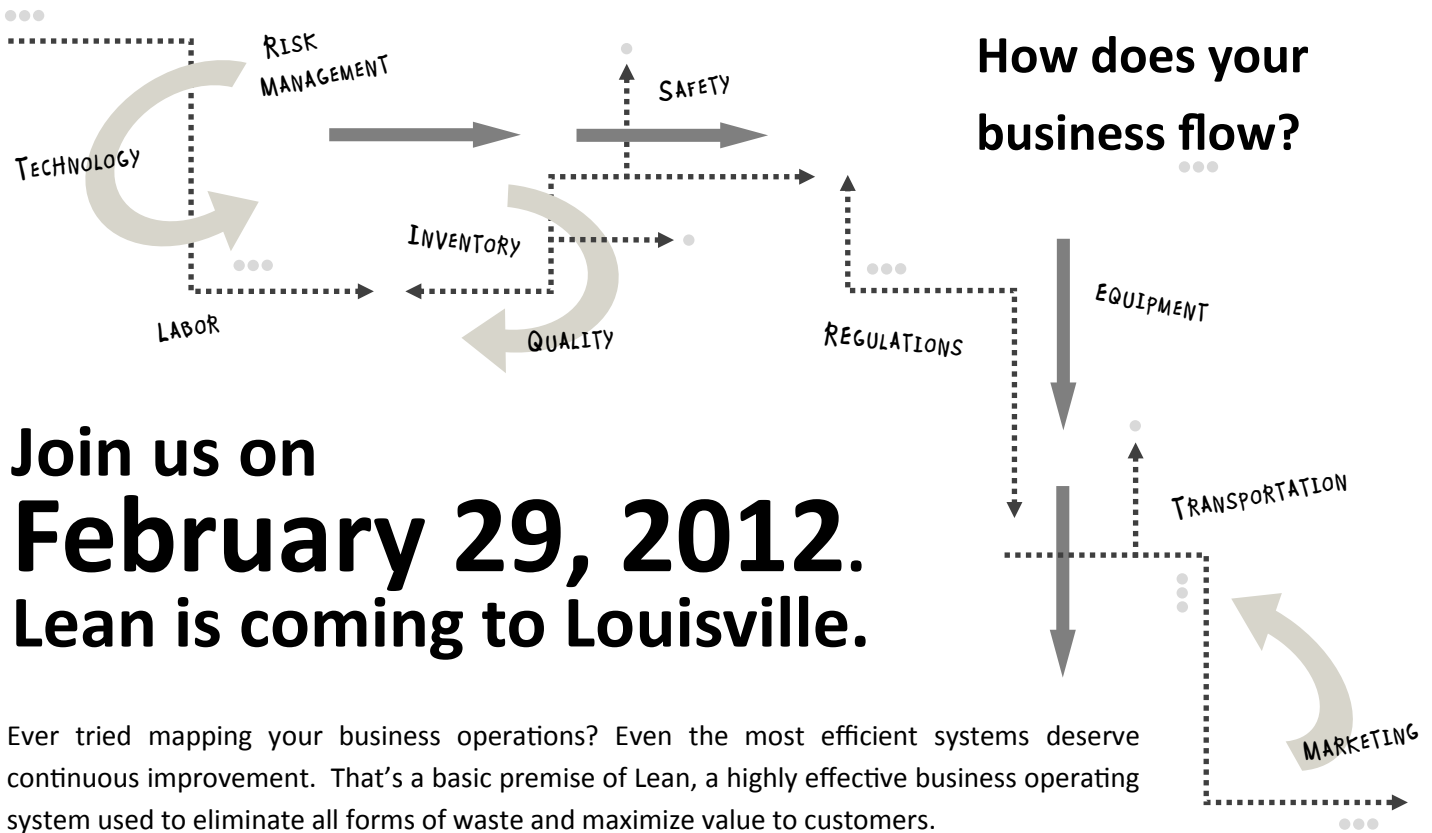
\$25 per person

## Registration Form

Please provide the following information for each participant. Include email addresses for individuals who wish to join the Kentucky Nursery Listserv to receive and share information relevant to the industry.

Business Name and Address	Participant's Name (Please Print)	Email (optional)
<b>TOTAL AMOUNT ENCLOSED:</b> (\$25 per person)		

**Checks are payable to University of Kentucky.** Please return this form with payment to:  
Sarah Vanek, UK Horticulture Department, N-318 Ag. Science Center North, Lexington, KY 40546-0091



# Join us on February 29, 2012. Lean is coming to Louisville.

Ever tried mapping your business operations? Even the most efficient systems deserve continuous improvement. That's a basic premise of Lean, a highly effective business operating system used to eliminate all forms of waste and maximize value to customers.

*Whether you're managing a garden center, producing trees, installing landscapes, or serving as an arborist, come discover how Lean can boost your unique business.*

"Waste" exists in many forms but is basically described as any activity that costs time, space, or other resources but does not increase the value of the product. Put simply, waste adds costs that the customer does not pay.

Lean, however, offers tools that help businesses identify and eliminate waste in the forms of overproduction, transportation, processing, defects, inventory, waiting, and motion. Minimization of waste can create significant cost savings, greater productivity, reduced human effort, and fewer defects.

The tools offered through Lean apply to a broad range of fields such as administration, aerospace, construction, food processing, health care, journalism, and government. As Lean is introduced into the nursery industry, it applies not only to growers, but also to any business that uses multi-step processes to provide services or products.

On February 29, Elizabeth Peters, Oregon Association of Nurseries Lean Program Director and Editor of *Digger Magazine*, will conduct a one-day Lean workshop, titled **LEAN makes Green**, for business owners and managers of Kentucky's nursery and landscape industries.

- During this workshop participants will have the opportunity to:*
- *hear success stories of Oregon nurseries saving thousands of dollars by implementing Lean*
  - *learn basic Lean principles and tools that apply to nearly any business process*
  - *see Lean principles in practice at a Kentucky nursery*



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