



unlock the  
**SECRETS**  
IN THE  
**SOIL**

**S**oil is a living and life-giving substance, without which we would perish.

As world population and food production demands rise, keeping our soil healthy and productive is of paramount importance. So much so that we believe improving the health of our Nation's soil is one of the most important endeavors of our time.

By focusing more attention on soil health and by educating farmers and the public about the positive impact healthy soils can have on productivity and conservation, we can help our Nation's farmers and ranchers feed the world more profitably and sustainably – now and for generations to come.

*Please join us for a day-long workshop on...*

## **Building Healthy Soils: The Benefits to Your Farm**

**What:** This workshop is designed to benefit farmers who grow vegetables, fruit and field crops, as well as grass-based livestock operations. "Building Healthy Soils on Your Farm" will focus on the continued capacity of the soil to function as a vital living system that sustains plant, animal and human health.

Soil Health experts Ray Archuleta – a.k.a. Ray The Soil Guy – and David Lamm from the USDA Natural Resources Conservation Service's National Soil Health Team in Greensboro, North Carolina, as well as Tom Akin, NRCS Massachusetts Conservation Agronomist and Ruth Hazzard of the UMass Extension Vegetable Team will cover the economics of soil health, the benefits of deep zone tillage, and cover crops for soil health.

The day will include hands-on demonstrations, classroom presentations and field exercises.

*See reverse side for full agenda.*

**When:** **Wednesday, April 24, 2013 | 8:00 am - 4:00 pm**

**Where:** UMass Crops Research and Education Farm  
89-91 River Road, South Deerfield, MA (north of Rte. 116)

**To register:** Registration fee is \$20 per person (includes lunch). Send your name, address, phone and e-mail address with a check payable to UMass to Doreen York, UMass, Bowditch Hall, Amherst MA 01003.

**Questions?** Contact Doreen York, 413-545-2254, [dyork@umext.umass.edu](mailto:dyork@umext.umass.edu).

**Brought to you by:** **The USDA Natural Resources Conservation Service, UMass Extension, and Northeast Sustainable Agriculture Research and Education (SARE).**



[www.nrcs.usda.gov](http://www.nrcs.usda.gov)



## Building Healthy Soils: The Benefits to Your Farm

# Agenda

Wednesday, April 24, 2013 | South Deerfield, Mass.

8:00 am	<b>Registration</b>	
8:30 am	<b>Welcome</b>	Christine Clarke, <i>State Conservationist, NRCS, MA</i>
8:45 am	<b>Eye Opening Demonstrations: A Soil Health Primer</b>	Ray Archuleta, <i>Conservation Agronomist, NRCS National Soil Health and Sustainability Team, Greensboro, NC</i>
10:15 am	<b>Break</b>	
10:30 am	<b>Economic Benefits of Soil Health</b>	David Lamm, <i>Soil Conservationist, NRCS National Soil Health and Sustainability Team, Greensboro, NC</i>
11:15 am	<b>Benefits of Deep Zone Tillage</b>	Ruth Hazzard, <i>Team Leader, UMass Extension Vegetable Team</i>
11:45 am	<b>Cover Crops for Soil Health</b>	Tom Akin, <i>Conservation Agronomist, NRCS, MA</i>
12:30 pm	<b>Lunch</b>	
1:00 pm	<b>Field Exercises at UMass Farm Fields</b>	Ray Archuleta
2:00 pm	<b>Demonstration of Deep Zone Tillage</b>	Ruth Hazzard and Kyle Bostrom, <i>Farm Manager, UMass Crops R&amp;E Farm</i>
4:30 pm	<b>Adjourn</b>	



[www.nrcs.usda.gov](http://www.nrcs.usda.gov)

