



December 16, 2011

Marshall County Extension Office
2608 S. 2nd Street - Lower Level
Marshalltown, Iowa
(641) 752-1551

December 20, 2011

Carroll County Extension Office
1205 West US Hwy 30 - Suite G
Carroll, Iowa
(712) 792-2364

Hosted by Carroll and Marshall County
Extension and your central Iowa
Extension Field Agronomist.



Mark Licht

Extension field agronomist
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IOWA STATE UNIVERSITY
Extension and Outreach

New approaches to soil and water management

Information for agribusinesses, agronomists and farmers on new practices to improve soil and water quality, such as vegetative filter strips and bioreactors. The goal is a clearer understanding of how these practices work and the benefits they bring to crop production and beyond.

Workshop program

- 8:30 Registration and refreshments
- 9:00 Setting the bar: Why is soil enhancement needed?
Mark Licht, ISU Extension field agronomist
- 9:30 Can conservation complement agriculture?
John Doudna, graduate research assistant, Ecology, Evolution and Organismal Biology, Iowa State University
- 10:15 Water quality benefits of perennial strips in row-cropped watersheds
Matt Helmers, associate professor, Agricultural and Biosystems Engineering, Iowa State University
- 11:00 Making bioreactors work to reduce nitrates
Kapil Arora, ISU Extension field agricultural engineer
- 11:30 Workshop adjourns

This program has been approved for 2.5 CEUs in soil and water management for Certified Crop Advisers.

Registration

Advance registration is \$35. Registration the day of the meeting is \$45. Registration includes refreshments, materials and CCA credits.

Online registration is available at www.aep.iastate.edu/swm

For additional information about this workshop and registration materials, please visit www.aep.iastate.edu/swm, email anr@iastate.edu or call **(515) 294-6429**.

.... and justice for all

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New approaches to soil and water management

Registrations not accepted without payment. For registration questions please call (515) 294-6429 or email anr@iastate.edu.

Name _____

Organization _____

Address _____

City _____ State _____ ZIP _____

Daytime phone _____

E-mail address _____

Three options to register

1. Return this form with payment to
ANR Program Services
Iowa State University
2101 Agronomy Hall
Ames, IA 50011-1010
2. FAX with credit card information to
(515) 294-1311
3. Register online with a credit card at
www.aep.iastate.edu/swm

Registration

\$

Early..... \$35

At the door \$45

Total



\$

- Check payable to Iowa State Univ.
- MasterCard
- VISA

Credit card number

- - -

Expiration date /

Cardholder name _____