



1st Annual 2009 Advanced Growers' Winter Seminar
Northeast Organic Farming Association, Massachusetts Chapter
With Arden Andersen, BSc. Ag. Sc. PhD. BioPhysics D.O. F.S
Soils and Agronomy Laboratory
Barre Congregational Church, 30 Park Street, Barre, Mass.
February 5-7 (From 8:30 a.m. Thursday to 5:30 p.m. Saturday), 2009

In this three-day seminar, you will learn to apply the natural sciences to practical farm management to achieve results. The seminar focuses on the relationship between healthy soils and better plant and livestock production. The information conveyed is the foundation for an ecologically sustainable agriculture with high yield and quality nutrition. It applies to all agricultural sectors - fruit and vegetable, pastoral, dairy, cropping, and horticultural.

From this course you will:

- *Learn* how biochemistry, physics and plant biology can help guide daily farm management decisions.
- *Gain insight* into how improved soil biology reduces weed, disease and insect pests.
- *Be taught* the testing and evaluation methods needed for profitable soil, plant and livestock management.
- *Understand* how fertilization and management practices affect the nutritional quality of crops and what the implications are for human health.
- *Be provided* formulas and suggestions for fertilization.

The seminar will be conducted as a lecture with a power point. A course book of the power point will be provided and attendees may purchase a recording of the talk to be mailed after the course. Be prepared to focus and learn more than you may have imagined was involved in agricultural production.

WANT TO LEARN MORE ABOUT THIS SEMINAR? Join a free conference call with Dan Kittredge interviewing Arden Andersen. To learn how to get on the call, contact Ben Grosscup at <ben.grosscup@nofamass.org>.

BIO: Arden Andersen is a soil scientist, agricultural consultant and a physician. He specializes in the management of soils, crops and animals in a productive, profitable and environmentally sustainable way. He is a consultant on education, product formulation and market development, and a world authority in biological agriculture. He holds a BSc. in agricultural education, a PhD in Biophysics and has a medical degree.

He consults to agricultural enterprises worldwide, gives well attended courses in the USA, Australia, and New Zealand and practices medicine in Goshen, Indiana. He is the author of cutting edge books that bridge the gap between soil and plant science and human health: *The Anatomy of Life and Energy in Agriculture, Science in Agriculture and Real Medicine, Real Health.*



Directions and Parking: Rte 62, 122 and 32 pass through Barre. The church is at the head of the Common in Barre Center. There is parking in front on the street, in back of the church and in the parking lots to the southeast of the church along the business strip. There is additional parking down the street, a half block from the Town Hall (corner of 62 and Exchange Street).

From the West: On Rte 2, take the Athol exit and travel on 32S until you reach the center of town. On I-90, take Palmer exit and then 32N into the center.

From the East: On Rte 2, take the Gardner exit and travel on 68S to 62W and take into the center. On I-90, take the Auburn exit, then 20W, then 56N to 122 in Paxton and travel North to Barre. From 202, take 122 North of the Quabbin and then directly into Barre Center. From Belchertown on Rte 9E, take 32N into Barre Center.

(Registration form on the Back.)

-----Registration Form – Seminar with Arden Andersen, February 5, 6, and 7, 2009 -----

* **Mail** registration to: Ben Grosscup, 22 High Street #1, Amherst, MA 01002. Obtain timely updates by **providing e-mail**.

** **Make checks to:** "NOFA/Mass".

*** **Pre-registration is required** and seminar enrollment is **capped at 150** people -- first come, first served.

**** **Information:** Call Ben Grosscup at 413-658-5374 or email <ben.grosscup@nofamass.org> with questions.

***** Save time and paper by registering on line at www.nofamass.org (Programs > Agricultural Extension Events)

Enter Name as it will appear on nametag. List primary contact first	Farm or Organization as it will appear on nametag	Indicate Occupation in space below: (F) Farmer; (FA) Farm Apprentice; (S) Student; (C) Consultant; (E) Educator; (N) Non-profit; (G) Govt. Agency; (B) Business; (O) Other (specify)	
Name A:			
Name B:			
Name C:			
<i>Address</i>		<i>City/Town</i>	<i>State</i>
<i>Phone:</i>	<i>Email:</i>	How did you hear about this workshop?	
		<i>ZIP Code</i>	

We're connecting farmer with farmer, eating well, and minimizing costs for this seminar by hosting participants at local residents' homes and by preparing our own food. To run smoothly, we need your active participation and cooperation in the following areas.

1. Food This event is a 3-day coordinated potluck. Participants are expected to bring food to share or to contribute money. We won't be buying and selling, but each participant should plan to bring a food contribution that has a value of \$50 and enough to provide the equivalent of 8 large meals (if you're providing a quarter of a meal, then you need to provide that much for 24+ people). You're not required to cook, but you may. The cook/food coordinator will take note of the item(s) you offer and contact you to confirm each item is needed. If you prefer not to bring food, please add \$50 to your registration fee, and this money will be used to purchase other needed items. This way, everybody gives, receives, and eats well. **Please list any food you can supply in quantity:**

Food item	Quantity (lbs, gallons, number)	Value (\$)

2. Housing – Event organizer, Ben Grosscup, will be pairing out-of-town guests with nearby NOFA members who are willing to host you. If you live within commuting distance and can offer housing for another participant, please indicate below. Use the commute to network with other farmers! Lastly, it's always our suggestion to bring a small token gift of thanks to the host.

Do you need a homestay? No, I/we don't. Yes, I/we need a home stay for (how many?) _____ person(s).

If yes, note allergies: _____

And note special needs: _____

Are you willing to share a room? (Please circle) **Y** / **N**. I can bring my own bedding and pillows (Please circle) **Y** / **N**.

Can you provide a homestay? I can provide beds for _____ people (singles doubles couch floor space)

4. Transportation – I'd like to carpool and could offer rides to _____ people. I/we need a ride for _____ people.

5. Membership Sign-up –

Check one: I am not a Member of NOFA or MOFGA. Or I am a member of the (what state?) _____ Chapter of NOFA.

I would like to sign up for/renew my NOFA/Mass Membership, which gives me a \$15 registration discount for this event.

Check one: Individual: \$35 Low-income: \$20 Supporting \$150*

Family, Farm, or Organization: \$45* Business: \$75* (*Entitles members to 2 reduced rates at NOFA events.)

6. Registration Fees –

Registration Fees: Match info to names above	Name A	Name B	Name C
Registration for non-NOFA/MOFGA Members (3 Days): Start \$195			
Registration for Members of any NOFA Chapter or MOFGA: Start \$180			
Early-bird discount – If you register by January 17, 2009, subtract \$15	-	-	-
Food surcharge – If you are not contributing to the pot luck, add \$50	+	+	+
SUBTOTAL PER ATTENDEE	■	■	■

Total amount enclosed for all persons, plus membership dues (if applicable) \$ _____