



## In-Service Training for Agricultural Service Providers (CCA)

Holiday Inn- Portsmouth, New Hampshire

February 4 – 5, 2015

<http://umaine.edu/agriculture/in-service-training-cca/>

### Wednesday: February 4, 2015

Morning	Adaptive Management	
8:00 – 8:55 a.m.	<b>REGISTRATION- Coffee, Tea, Juice, Water, and Assorted Fruit and Pastries Available</b>	<b>Meghan Dill</b> , UMaine Cooperative Extension & <b>Shelley Jemison</b> , Maine
8:55 – 9:00 a.m.	<b>WELCOME</b>	<b>John Jemison</b> , UMaine Cooperative Extension
9:00 – 9:20 a.m.	<b>Adaptive Management – How we can use this in our work</b>	<b>Ellen Mallory</b> , UMaine Cooperative Extension
9:25 – 9:45 a.m.	<b>Adaptive Management – Why we need this approach</b>	<b>Laura Lengnick</b> , Second Nature-Boston, MA
9:50 – 10:10 a.m.	<b>NRCS Funding for Adaptive Management</b>	<b>Alice Begin</b> , NRCS
10:15 – 10:40 a.m.	<b>Basic Statistics Refresher – Why we need replication/randomization</b>	<b>John Jemison &amp; Ellen Mallory</b> , UMaine Cooperative Extension
10:40 – 10:55 a.m.	<b>BREAK</b>	
10:55 – 11:15 a.m.	<b>Using an Excel Data Worksheet</b>	<b>John Jemison &amp; Ellen Mallory</b> , UMaine Cooperative Extension
11:20 – 11:40 a.m.	<b>Break into pairs – Hands on session</b>	
11:45 – 12:10 p.m.	<b>Discussion</b>	
12:15 – 1:15 p.m.	<b>LUNCH (Provided)</b>	
Afternoon	On-Farm Energy	
1:30 – 1:55 p.m.	<b>Energy Overview – Where are we?</b>	<b>Chris Callahan</b> , UVM
2:00 – 2:25 p.m.	<b>Farm Energy IQ</b>	<b>Sue Hawkins</b> , UVM
2:30 – 3:00 p.m.	<b>Big-Time Methane Digestion</b>	<b>Travis Fogler</b> , Stoneyvale Farms-Exeter, ME
3:05 – 3:30 p.m.	<b>Solar Hot Water &amp; Photovoltaics for Dairy Farms</b>	Revision Energy
3:30 – 3:45 p.m.	<b>BREAK</b>	
3:45 – 4:15 p.m.	<b>Converting Oil Seed to Energy</b>	<b>Chris Callahan</b> , UVM
4:15 – 4:45 p.m.	<b>Soil Drainage: What can and cannot be done related to soil drainage</b>	<b>Mike Lynch</b> , New Hampshire NRCS
	<b>DINNER ON YOUR OWN</b>	
<b>CEU's Requested Day 1 Crop: 2    Nutrient: 2    Soil: ½    Professional Dev.: 1 ½</b> <b>Pesticide Applicator Recertification Credit Day 1: 1</b>		

Thursday: February 5, 2015

Morning		Crop Management
7:00 – 8:00 a.m.	<b>BREAKFAST (PROVIDED)</b>	
8:00 – 8:30 a.m.	<b>Recent and 30 Year Forecast for Climate Change in Maine</b>	<b>Glen Koehler</b> , UMaine Cooperative Extension
8:30 – 9:00 a.m.	<b>Managing Climate Risk: Understanding Exposure, Sensitivity, and Adaptive Capacity</b>	<b>Laura Lengnick</b> , Second Nature-Boston, MA
9:00 – 9:20 a.m.	<b>Discussion</b>	
9:20 – 9:55 a.m.	<b>Managing Hayland With an Eye to Grassland Bird Protection and Enhancement</b>	<b>Laura Suomi- Lecker</b> , SCSWCD
10:00 – 10:30 a.m.	<b>Aerial Seeding Cover Crops</b>	<b>Travis Fogler</b> , Storeyvale Farms-Exeter, ME
10:30 – 10:50 a.m.	<b>BREAK</b>	
10:50 – 11:15 a.m.	<b>Canola Talk: Compiled information from Vermont, Central Maine, and Northern Maine</b>	<b>Heather Darby</b> , UVM Cooperative Extension <b>John Jemison</b> , UMaine Cooperative Extension
11:15 – 11:45 p.m.	<b>Existing and Potential Crop &amp; Pest Tracking/Forecast Models for New England</b>	<b>Glen Koehler</b> , UMaine Cooperative Extension
11:45 – 12:15 a.m.	<b>Flax – Growing it and Neutraceutical Properties</b>	<b>Heather Darby</b> , UVM Cooperative Extension
12:15 – 12:30 p.m.	<b>Discussion</b>	
12:30 – 1:15 p.m.	<b>LUNCH (Provided)</b>	
Afternoon		Crop Production/Plant Nutrition
1:15 – 1:45 p.m.	<b>Crop Diagnosis: What’s happening here?</b>	<b>Dan Hudson</b> , UVM
1:45 – 2:15 P.m.	<b>Nitrogen Availability in Maine Soils</b>	<b>Bruce Hoskins</b> , University of Maine
2:15 – 2:45 p.m.	<b>Diagnosing Plant Nutrient Deficiencies</b>	<b>Mark Hutton</b> , UMaine Cooperative Extension
2:45 – 3:15 p.m.	<b>Uses of Drones in Agriculture</b>	<b>Chris Taylor</b> , Viking Unmanned Ariel Solutions
3:15 – 3:30 p.m.	<b>Wrap Up and Evaluation</b>	
<b>CEU’s Requested Day 2 Crop: 2 ½    Nutrient: 2    Soil &amp; Water: 1 ½</b> <b>Pesticide Applicator Recertification Credit Day 2: 1</b>		

The University of Maine is an equal opportunity/affirmative action institution.

The University of Maine does not discriminate on the grounds of race, color, religion, sex, sexual orientation, including transgender status and gender expression, national origin, citizenship status, age, disability, genetic information or veteran’s status in employment, education, and all other programs and activities. The following person has been designated to handle inquiries regarding non-discrimination policies: Director, Office of Equal Opportunity, 101 North Stevens Hall, 207.581.1226.

If you are a person with a disability and need an accommodation to participate in this program, please call Meghan Dill at 207.581.3878 to discuss your needs. Receiving requests for accommodations at least 10 days before the program provides a reasonable amount of time to meet the request, however all requests will be considered.