



Livestock and Poultry Environmental (LPE) Learning Center.
Educational Webcast Series
<http://www.extension.org/animal+manure+management>

Thermal Conversion of Animal Manure to Biofuel February 28, 2014

2:30 pm (eastern), 1:30 pm (central), 12:30 pm (mountain), 11:30 am (pacific)

Continued advances in technology have facilitated new avenues to access and extract energy (in various forms) from materials such as animal manure and crop residues that have not traditionally been considered viable fuel sources. Thermo-Chemical conversion encompasses the chemical conversion of such biomass feed stocks into energy products through action of thermal processes such as Combustion, Gasification, and Pyrolysis. Biomass gasification is a well-developed technology that has the potential to convert various feed stocks into value added products for on-farm heat generation and carbon sequestration. The availability of on-farm gasifiers that can handle diverse feed stocks is limited and represents a hurdle to the widespread utilization. Please tune-in to the upcoming Thermal Conversion of Animal Manure to Biofuel webinar, as Dr. Sammy Sadaka discusses his current research efforts in Thermo-chemical conversion technologies and explores some of the bio-energy prospects that this field offers. *An application for continuing education credit for Certified Crop Advisors (CCAs) and members of the American Registry of Professional Animal Scientists (ARPAS) has been submitted.*

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How Do I Participate?

On the day of the webcast, go to www.extension.org/58813 to download the speaker's power point presentations and connect to the virtual meeting room. First time viewers should also follow the steps at: www.extension.org/8924.

The LPE Learning Center is a project dedicated to the vision that individuals involved in public policy issues, animal production, and delivery of technical services for confined animal systems should have on-demand access to the nation's best science-based resources. See our website at: <http://www.extension.org/animal+manure+management>.