

Compost Heat Recovery Pilot Project

Host Farm Site Application



Applicant Information

Farm Name	
Contact Name	
Street Address	
City/ ZIP Code	
Phone	
E-Mail Address	
Type of Farm	
Years in Business	
Number of Milking Animals	
Number of Total Animals (Minimum 75)	
Acreage of Farm	

Overview

Connecticut Resource Conservation and Development, through the Connecticut Farm Energy Program is offering a Compost Heat Recovery System manufactured by AgriLab Technologies that could save your farm tens of thousands of dollars per year. The Compost Heat Recovery System is valued at \$55,000. The selected farm is expected to cover installation costs (costs will be dependent on selected farm), installing a concrete pad, a cover for the compost, piping and ductwork, as well as monitoring costs. This system will recover heat from compost for agricultural use as an energy source and produce a compost product that is reduced in volume by 50% and is more nutrient stable with regards to Nitrogen and Phosphorus. The compost product will be more fertile while reducing trucking costs and can be spread on fields with currently used industry equipment. Alternatively, the compost product could be sold off thus reducing nutrient management load on the farm and creating a value-added income. A report with results of this pilot project along with research and recommendations for deployment on other CT farms will be created.

This is an application to be a host site for the Compost Heat Recovery System. The competitively selected farm will be provided the core equipment from Connecticut RC&D that has been purchased by AgriLab Technologies based out of Enosburg Falls, VT, with funds from CT DEEP and SEP Grant. Additionally the farm will be required to provide in-kind time to maintain and assist with monitoring the system for the first year of installation.

How much manure does your farm generate monthly/annually?

Describe the farm in general (type, size, products)

What type of manure handling systems is your farm using?

Describe the general space heat, process heat, product drying and hot water needs.

Annual existing and planned fuel/energy volumes/cost for the above question

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Bedding: How many cubic yards are used per year? What type? What is the cost?

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If a compost aeration and heat recovery system could save tens of thousands of dollars per year on bedding, manure handling and thermal energy, would you be willing to invest in changes to your farm?

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Agreement and Signature

By submitting this application, I affirm that the facts set forth in it are true and complete. I understand that if I am accepted, any false statements, omissions, or other misrepresentations made by me on this application may result in an immediate retraction of this application.

Name (printed)	
Signature	
Date	

**After applications are received there will be a review panel and the farms will be notified by early March if they have been selected for the Compost Heat Recovery System.

The deadline for this application is Friday February 17, 2017 by 4pm