

# **Burning Wood Pellets in a Biomass Furnace to Heat a Greenhouse and Waste Heat Recovery from a Walk-in-Cooler Compressor for Hot Water Production**

Thursday, October 30, 1-3pm

River Berry Farm, Fairfax



In the spring of 2008, David Marchant and Jane Sorenson of River Berry Farm installed a LDJ Amazing Heat biomass furnace in a 3000 sq ft greenhouse. They purchased wood pellets fuel by the ton and compared its operation to an identical greenhouse running on propane. While the biomass furnace requires some tweaking, it cost half that of propane. A heat recovery system that captures waste heat from their walk-in-cooler compressor provides hot water on the farm.

This workshop is free to farmers thanks to the generous support of our sponsors: The University of Vermont Extension and the Vermont Vegetable and Berry Growers Association. Non-farmers: \$10 for NOFA members, \$15 for non-members.

**Directions:** From the west: Follow Rte 104 out of Fairfax Center. The Lamoille River parallels Rte. 104 on your left. Just after the dam turn left and cross the bridge. (It is a one lane bridge so, if there is someone coming towards you, wait until the bridge is clear to pass over.) Turn right on Goose Pond Rd. River Berry Farm is on the right about  $\frac{3}{4}$  of a mile from the bridge.

From the east: Follow Rte 104 out of Cambridge. The Lamoille River parallels Rte. 104 on your right. Just after the dam turn right and cross the bridge. (It is a one lane bridge so, if there is someone coming towards you, wait until the bridge is clear to pass over.) Turn right on Goose Pond Rd.

River Berry Farm is on the right about  $\frac{3}{4}$  of a mile from the bridge.

## **Questions?**

Wendy Sue Harper, NOFA-VT 802-434-4122 or Vern Grubinger, UVM Extension 802-257-7967x13