

# FACT SHEET:

## MARYLAND'S ANIMAL WASTE TECHNOLOGY FUND GRANT RECIPIENT PROFILE



### Green Mountain Technologies, Inc.

#### BACKGROUND

#### WHAT IS THE ANIMAL WASTE TECHNOLOGY FUND?

The Maryland Department of Agriculture's (MDA) Animal Waste Technology Fund provides grants to companies that demonstrate new technologies on farms and provide alternative strategies for managing animal manure. These technologies generate energy from animal manure, reduce on-farm waste streams, and repurpose manure by creating marketable fertilizer and other products and by-products.

#### **Grant Recipient**

Green Mountain Technologies, Inc.  
Bainbridge Island, WA

#### **Benefiting Farms**

Days End Horse Rescue, *Howard County*  
Glamour View Farm, *Frederick County*

#### **Grant Amount**

\$388,310

#### **Issue Date**

August 15, 2014

#### **Animal Manure Managed**

Equine and dairy manure

#### PROJECT HIGHLIGHTS

#### SCOPE OF PROPOSAL

Green Mountain Technologies proposed two projects to demonstrate its state-of-the-art in-vessel turnkey composting system, which offers users a more efficient way to compost.

#### **Days End Horse Rescue**

An in-vessel Earth Flow System was installed at the Days End Farm in 2015. The system can process batches of 1.5 tons of horse manure in two weeks and reduce nutrient and input volume by about 50 percent. The final compost product will be used for bedding and on-site landscaping needs. Preliminary data from the Environmental Finance Center at the University of Maryland indicates the farm will save approximately \$12,000 a year by eliminating landfill expenses and reducing bedding costs.

#### **Glamour View Farm**

The Frederick County project involves the installation of a larger capacity, site-built Earth Flow System on a dairy farm. Nutrients and by-products primarily from the heifer barn will be used and their volume will be reduced by approximately 50 percent. The compost may be marketed to the nursery industry as plant substrate, landscaping material, or used as a more stable crop nutrient on the farm.

#### **For More Information**

Louise Lawrence  
**Maryland Department of Agriculture**  
410-841-5863 or  
louise.lawrence@maryland.gov

*Pictured above:*

*The composter at the Days End Farm Horse Rescue in Howard County.*

*“Green Mountain Technologies is honored to have two projects selected by the Maryland Department of Agriculture. Our goal is to reduce operating costs for equine and dairy operations while reducing their environmental impacts.”*

*Michael Bryan-Brown  
Green Mountain Technologies*



Maryland Department of Agriculture  
Office of Resource Conservation

50 Harry S. Truman Parkway  
Annapolis, MD 21401  
mda.maryland.gov