

# Landfill Reductions through Commercial Composting of Organic Waste Stream Feedst

## RC&D Area

**RC&D Area** Blue Ridge  
**Lead State:** North Carolina

## Summary

**Project Number:**  
**Project Status:** Active  
**Approval Date:** 2/5/2009  
**Est. Completion Date:** 12/30/2011  
**Est. Project Costs:** \$410,000  
**Statewide Project:** No

## Description

The High Country Food to Soil Program desires to build an environmentally friendly forced air compost facility to compost pre and post consumer food waste, paper products, yard waste and other organics into high quality finished compost. This compost will be used to amend local soils while reducing the organic waste stream in landfills. Currently in Watauga County, 10 to 12 tractor trailer loads of solid waste are hauled to Johnson City, Tennessee daily. This method of disposal requires tremendous use of fossil fuels and is dumping methane producing compostable organic waste into a neighboring state's landfill; not to mention the dependence on expensive and polluting landfills.

## Project Purpose

### Area Plan

Goal	Objective	Strategy
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**Authorized Element:** Community Development

1. Build institutional knowledge of alternative energy sources in at least three counties by 2013.
  1. Assist two counties in applying for a study grant to determine the feasibility of installing Bio Diesel facilities at their landfill sites by 2011
    1. Work with County administrators in Yancey & Mitchell Counties to apply for grants for studying the feasibility of a Bio Diesel facility by 2009.

### NRCS National Strategic Plan

#### NRCS Strategies

1. Cooperative Conservation

#### NRCS Goals

1. Soil Quality
2. Water Quality
3. Energy Conservation
4. Renewable Energy and Biofuels