

RECYCLING ORGANICS: ENHANCING COMPOST MARKETS

Final Report

Prepared for

USEPA REGION 2, SOLID WASTE DIVISION

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Summary

All tasks outlined in the EPA funded proposal "Recycling Organics: Enhancing Compost Markets" are complete, and have been summarized in the following sections. The URL for the new NYS composting facilities website is <http://compost.css.cornell.edu/maps.html>. The site was made available to the public on July 15, 2003.

Project Objectives

#1 Identify and collect information on all NYS compost producers

Completed. Starting with an existing database of composters maintained by Cornell Waste Management Institute, and using phone surveys, personal contacts, as well as interactive web technologies, a list of more than 250 composting facilities was compiled. Data was gathered about each composting operation and included address, feedstocks, pricing, operational status, and more.

#2 Disseminate information collected in Objective #1 using the CWMI website to host 1) a searchable map created with GIS, and 2) a database linked to the map.

Completed. Several searchable maps were created. Categories include 1) All NYS Facilities, 2) Yard waste, 3) Manures, 4) Food scraps, 5) Biosolids, and 6) Research Farms. The last category is a map of farms that participated in another CWMI project for which data on compost quality is available. When the user clicks on a location in any of the maps, a database is searched for information relating to the facility and displayed to the user in an understandable format.

An additional feature has been added to the site, which allows the user to perform a simple search for facilities by county, or an advanced search that uses one or two desired feedstocks in addition to county to search for locations. These searches use the same database as the maps.

#3 Provide information to potential compost users on 1) compost properties and methods of use, 2) calculating compost quantities needed, and 3) where to obtain composts.

Completed. A link has been created on the main search page that takes the user to another CWMI project website outlining different uses of compost, such as turf establishment, container mixes, and others. For each category, criteria for compost parameters such as pH, density, organic matter, and others are listed.

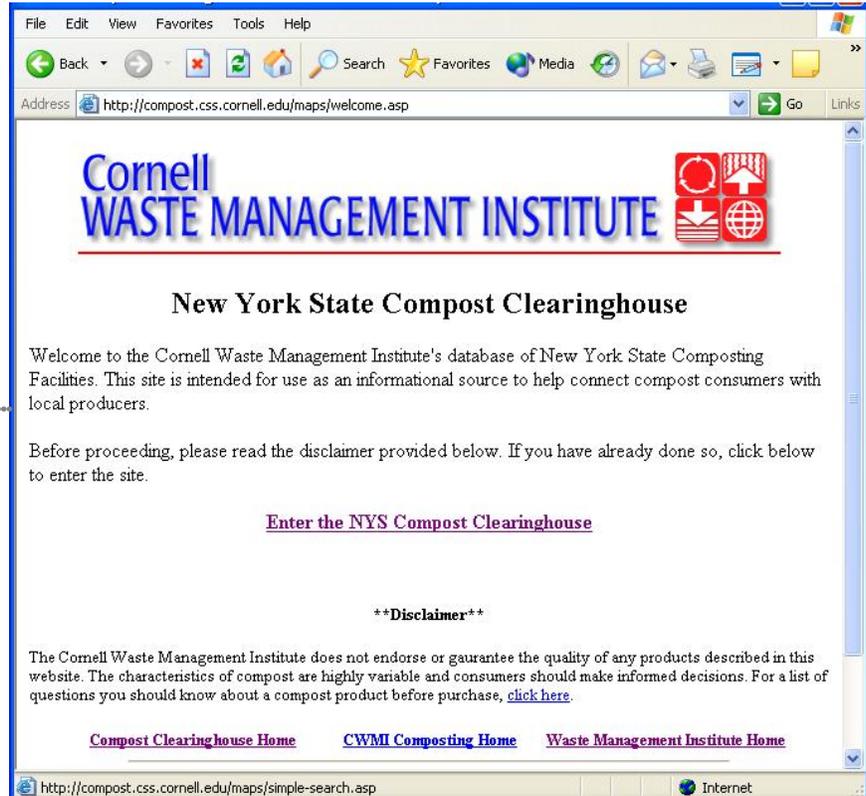
A second link on the main search page of the compost maps website takes the user to a page that discusses how to calculate the amount of compost needed for a given project.

Contact information including street address, phone number – and in some cases e-mail – is provided with each record that is found either by clicking a map or searching the database.

APPENDIX A – Website Structure and Layout

Homepage:

Users are welcomed to the website and directed to proceed after reading information about product liability. A link to questions a compost consumer should know before purchase is included as part of the disclaimer. Links to CWMI's other homepages are also provided for easy site navigation.



Search:

Users are provided with two simple options for searching the database of NYS composting facilities.

- 1) The user may select a category to view a statewide map of all related facilities.
- 2) The user may perform a search by county.



Option #1

Select a map to view facilities

None selected

- None selected
- All Composts
- Yardwaste Composts
- Manure Composts
- Foodscrap Composts
- Biosolids Composts
- Research Farms

*The ... ically

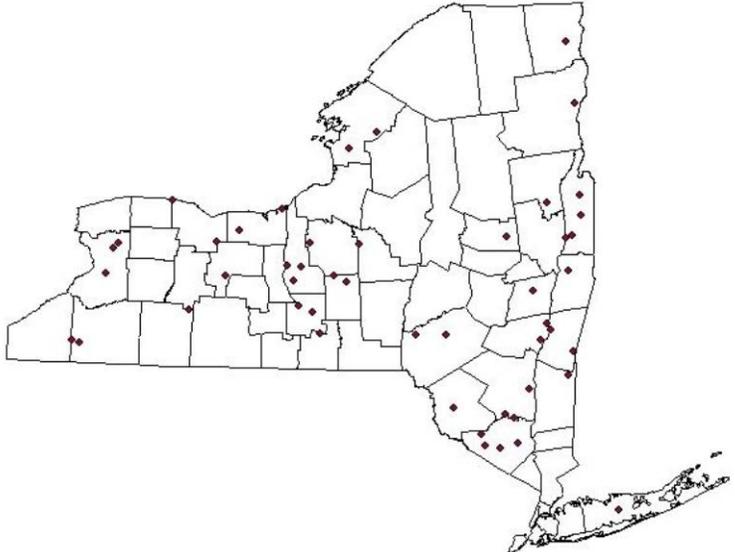
Search Option #1:

Users select a category type to view a statewide map of facilities matching the requested criteria. When a selection is made, the user is automatically redirected to the corresponding map.

Address <http://compost.css.cornell.edu/maps/manures.asp> Go

New York State Manure Compost Facilities

To learn more about facilities shown here, click a point on the map.



Search Option #1 Results:

A statewide map corresponding to the criteria requested by the user is displayed. Each site is hyperlinked to a corresponding record set in a database. The user is directed to select a point of interest to learn about specifics of the facility.

Search Option #1 Facility Information:
 When the user click a point of interest on a category map, a database is queried for information specific to that site, and returns a summary for the facility that includes contact information, feedstocks, pricing and additional comments.

Last Updated 2/24/2003
Shepard Farms - Country Blends
 Andy Shepard, *Manager*
 4709 Roberts Road
 Cazenovia, NY 13035
 315 655 8639

Operational? yes

Is compost sold? yes
 Bulk Price \$ 15.00 cubic yard
 Retail Price \$ 20.00 cubic yard

Comments

Manure Search Results

Feedstocks		
Leaves		Paper Products
Grass		Floral Waste or Plant Trimmings
Brush and Branches		Animal Manures
Logs, Stumps other Wood		Sewage Sludge
Pre-consumer Food Waste		Paper Sludge
Post-consumer Food Waste		Other Materials

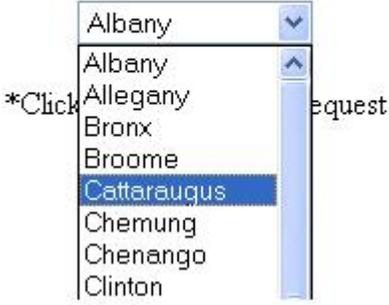
Composting Method? windrow piles

Is compost free? unknown
 If yes, to who?

Option #2

Select a county from the list below

Search Option #2:
 Users select a NYS county from the drop down list provided, and information for all facilities in that county are retrieved.



Search Option #2 Results:
 When the user submits a search request for a given county, a database is queried for information connected to all facilities in that county, and returns a summary of facilities. Each summary includes contact information, feedstocks, pricing and additional comments.

Cedarhurst Compost Facility
 Patrick Veltri, *Manager*
 5 Hanlon Dr
 Cedarhurst, NY 11516
 516 295 5566

Operational? yes

Is compost sold? no
 Bulk Price \$
 Retail Price \$

Comments

Leaves		Paper Products	
Grass		Floral Waste or Plant Trimmings	
Brush and Branches		Animal Manures	
Logs, Stumps other Wood	yes	Sewage Sludge	yes
Pre-consumer Food Waste		Paper Sludge	
Post-consumer Food Waste		Other Materials	

Composting Method? aerated static piles

Is compost free? yes
 If yes, to who? free to golf courses

Last Updated 3/6/2002
Garden City Leaf Compost Facility
 Louis Windham, *Manager*
 351 Stewart
 Garden City, NY 11530
 516 485 7540

Feedstocks		
Leaves	yes	Paper Products
Grass	yes	Floral Waste or Plant Trimmings
Brush and Branches	yes	Animal Manures
Logs, Stumps other Wood		Sewage Sludge
Pre-consumer Food Waste		Paper Sludge
Post-consumer Food Waste		Other Materials

Operational? yes

Composting Method? windrow piles