



Food-Rescue & Waste: Diversion

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Food Rescue & Food Waste: Limiting Factors

- **Food-rescue & food-waste' is:**
 - Low Value (like other 'waste')
 - Dispersed (disintegrated) (like other 'waste) (50 mile or less radius)
 - Perishable (time-temperature factors)
 - May have odor or leakage issues





Food Rescue & Waste: Edibility

- Edible

- Rescue Supply Chain



- Inedible

- Compost-Bio-digest Supply Chain





Food-Rescue & Waste: Ecosystem

- **Producers**
 - Growers, Producers, Restaurants, Events, Supermarkets, Haulers, etc.
- **Consumers**
 - Food Banks, Soup Kitchens, Animal Feeding, College students, Composters-Biodigesters, Landfillers, etc.
- **Processors**
 - Managers, Traders, Transporters, Brokers
- **Information Systems**
 - Face to Face
 - Phone
 - Email systems
 - Informatics?





Market Efficiency

- The **less quality of information** and **the slower it is spread**, the more of an inefficient market exists.
 - Inefficient markets lack connections & information
 - Results in:
 - Depressed prices
 - Stuff wasted
 - Lowest & worst use





Food-Rescue & Waste: Info Systems

- **Small budgets**
- **Afterthought?**
- **Ad hoc & Disorganized**
- **Disintegrated (lack of integration)**
- **Inefficient & wasteful**

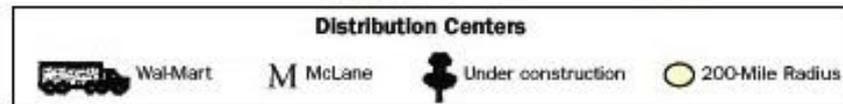
- **Without a good information & logistics (supply chain) system, food will continue to be wasted**





Walmart's Supply Chain & Informatics

- 200 mile radius
- Most efficient supply chain in the world
- Legendary informatics system
- Efficient=less waste=more revenue=more resources=falling prices





Food Rescue & Waste: Supply Chain?

?





Regular Waste = Inefficient Market

- **When better information & connections exist, the value of waste rises**
- **Better information & connections=**
 - Listings & Exchange System (Craigslist for Waste)
 - Directories
 - Guides
 - News
 - Events/calendar
 - Forum
 - Price information
 - Etc



2 New Mechanisms for Food in NY

MEMBER, SHAREDHARVEST NETWORK

Food Trader
Ag Trader
Biomass Trader



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contact us
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March 14, 2010

Sign In

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Password

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Navigate

- Home

Listings

- Categories
- All
- Wanted
- Available
- Free
- Newest Listings
- Events

Sections

- News and Info
- Links

Directories

- Delivery and Distribution of Local Food
- Food Banks

All Listings

All
Available
Wanted
Donations
Events

A Cobblestone Creek Farm CSA	2010/03/13
A Nana's topping	2010/02/23
A Pastured Chicken CSA	2010/02/20
A Chicken and Turkey CSA	2010/02/20
A alpaca products	2010/02/05
A Rhubarb strawberry and raspberry plants	2010/02/02
W Harvest Kitchen Program	2010/01/22
A Pure New York Maple Products	2010/01/15
A Organic Hops for Brewing and Tea Making	2010/01/05
A Central New York Meat CSA	2010/01/05
A potted herbs	2010/01/04
A Spanish Meat Goats	2009/12/09
A Grass Finished Beef	2009/12/08
A Doring Acres Hand Crafted Soaps	2009/11/29
A Certified Organic, 100% Grassfed Angus Beef	2009/10/19
A Locally Grown Beans, Grains and Flour	2009/09/07
A Pasture Based Lamb	2009/07/28
A Grass Fed Chicken	2009/07/08
A Ingles Maple Syrup and Other Maple Products	2009/07/06
A pasture-raised lamb	2009/07/02

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Exchange Info

Your exchange administrator is:
Alexander Deuell

Our Exchange has:
254 Members

Site Sponsors





NYFoodTrader.org

- **Listings**

- **Directories**
 - Farm Markets
 - Food Banks
 - Soup Kitchen/Meal Centers
 - Food Box Services
 - Pick Your Own
 - Etc.

- **Guide Section (Available)**
 - Canning
 - Recipes
 - Etc

- **News Section**

- **Events/Calendar**





Listings: Example

Wanted: Harvest Kitchen Program

Comlinks Gleaning program:

- is looking for donations of fresh fruits and vegetables for processing in our Harvest Kitchen.
- The minimally processed food will be distributed free of charge to 12 Pilot Food pantries in northern New York as part of our HPNAP program.
- Charitable donation receipts are available for this.
- All inquiries about this pilot program are welcome.

Category:All Fruits and Vegetables

Posted:January 22, 2010, 5:51 am

City:Malone

County:Franklin



Food Bank Directory

MEMBER, SHAREDHARVEST NETWORK

Food Trader Ag Trader Biomass Trader

NEW YORK FOOD TRADER
BUY SELL TRADE LOCALLY GROWN FOOD

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Directories

- Delivery and Distribution of Local Food

Food Banks

Food Bank for New York City (New York City) http://www.foodbanknyc.org/ (212) 566-7855 more info	Food Bank of Central New York (Syracuse) http://www.foodbankcny.org/ (315) 437-1899 more info
Food Bank of the Southern Tier (Elmira) http://www.foodbankst.org/ (607) 796-6061 fbst@secondharvest.org more info	Food Bank of Western New York (Buffalo) http://www.foodbankwny.org (716) 852-1305 more info
Foodlink- Central and Western NY http://www.foodlinkny.org/ (585) 328-3380 info@foodlinkny.org more info	Regional Food Bank of NE NY (Albany) http://www.regionalfoodbank.net/... (518) 786-3691 more info

Exchange Info

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Our Exchange has: 254 Members

Site Sponsors

 Environmental Finance Center Syracuse University

Please contact the exchange administrator if you have suggestions for additional items to include in this directory.

Internet 100%

Shared Harvest Network



Shared Harvest

About SharedHarvest

This website lets you find locally produced food or donate food to those in need. It's like an online farmer's market and food-bank rolled into one.

There's lots of fresh produce and other good local foodstuffs available and it's good for your community and the environment to eat locally. If you have food that would otherwise go to waste, you can list it for donation to a local food distribution charity.

The site works like a classified ad section and it's free!

Each community has a local section on the site. You can get started by selecting your area from the list on the right. If you don't see your community listed, please [get in contact with us](#) and we'll help you make it happen.

If you are a farmer or represent a food charity, you should definitely join this program! Each community section is maintained by a local 'administrator'. Please contact that person for information.

Community

- [Davis](#)
- [Delaware](#)
- [Kentucky](#)
- [Maine](#)
- [Maryland](#)
- [New York](#)
- [Okanogan County](#)
- [Washington](#)

Done Internet 150%

PLUS: BiomassTrader.org/NY

Member, Biomass Trader Network

Food Trader Ag Trader Biomass Trader

NEW YORK BIOMASS TRADER

WHERE ORGANIC WASTE BECOMES A RESOURCE

Tell a Friend Contact Us Help

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- News and Info

Members

- Post a Listing
- My Company
- Login
- Create an Account

Exchange Info

Our Exchange has:
38 Members

Directories

- Biogas Systems
- Compost Educators
- Compost Products
- Compost Systems
- Fertilizer Products
- Sustainability / Waste Mgmt. Consultants

News and Info

[Welcome to NY Biomass Trader! \(BETA - Feel Free to Post\) Where organic waste becomes a valuable resource!](#)
A free service of the Reuse Alliance

[Launch of Waste Management Cost Calculator for Food Scraps](#)
EPA website

[Company receives \\$300 million dollar contract to supply wood biomass to coal burning plants in the US](#)
PR Newswire Article

[Wood making comeback as power source](#)
USA Today Article

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Browse Listings

Search For (optional) [Advanced Search >](#)

Type

Search Area

Category County

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Listings

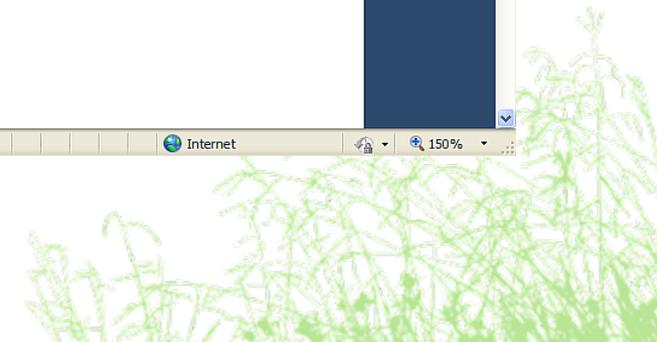
All Listings

A = Available **W** = Wanted **E** = Event

All	Available	Wanted	Events		
Title	County	Quantity	Frequency	Price	Posted
A Custom potting mix	Tompkins	200	Every 5 Days	\$57.00 per cubic yard	Feb 25, 10
A Coarse Compost	Tompkins	500	Every 5 Days	\$30.00 per cubic yard	Feb 25, 10
A Cayuga Compost Premium Compost	Tompkins	2000	Every 5 Days	\$40.00 per cubic yard	Feb 25, 10
A Straw (round bales)	Ontario	1	One-Time	\$0.20 each	Jan 07, 10
A Commercial onsite invessel compost system	Westchester	4	Continuous	\$1000.00 each	May 04, 09

Sponsors

Platinum Sponsors:



Directories



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Compost Educators

Brooklyn Botanical Gardens (NYC Compost Project / Brooklyn) http://www.nyccompost.org/contact... more info	Lower East Side Ecology Center (NYC Compost Project / Manhattan) http://www.nyccompost.org/contact... more info
New York Botanical Gardens (NYC Compost Project / Bronx) http://www.nyccompost.org/contact... more info	Queens Botanical Garden (NYC Compost Project / Queens) http://www.nyccompost.org/contact... more info
Snug Harbor Cultural Center & Botanical Garden (NYC Compost Project / Staten Island) http://www.nyccompost.org/contact...	

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News

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News and Info

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Food Waste Management Cost Calculator

The Excel Food Waste Management Calculator | The Food Waste Management Calculator (PDF) (13 pp, 97K, about PDF) estimates the cost competitiveness of alternatives to food waste disposal, including source reduction, donation, composting, and recycling of yellow grease. Specifically, the calculator:

- * Develops an alternative food waste management scenario based on:
 - o Your waste profile;
 - o Availability of diversion methods; and
 - o Preferences, and
- * Compares cost estimates for a disposal versus an alternative scenario.

The Calculator demonstrates that environmentally and socially responsible food waste management is cost-effective for many facilities and waste streams. The more you know about your current waste management costs, the more accurate the calculator's estimate will be, but default values are provided for many variables.

Note: You will need to open an Excel file to use the calculator. You will need to enable macros for the calculator to work properly. To ensure that macros are enabled, please go to

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Item collected.

Done

Internet

150%

Networked

Biomass Trader



Welcome

Biomass Trader is a network of regional biomass marketplaces. The service is free to use for buyers and sellers as well as givers and takers of biomass and biomass-derived products. To get started, find your regional marketplace in the list on the right.

Raw biomass generally is considered 'waste' and can include:

- Waste wood, wood chips sawdust, bark and other woody waste.
- Yard trimmings, grass and leaves.
- Manure, poultry litter, slaughterhouse and fishery waste.
- Residues from food processing, paper processing, cotton processing and other organic industrial waste.
- Food waste, paper and other organic municipal solid waste.
- Energy crops, crop residues and residues from crop processing such as fruit stones, stems and stalks, straw and husks.

- ▾ [Florida](#)
- ▾ [New York](#)
- ▾ [Pennsylvania](#)

Done

Internet

135%



Website (software) Features

- **Websites take a Local (or Regional) Community Approach**
 - -designed around 50 mile rule
 - -then connected further afield
 - -or they can be statewide
 - and divided by county or region
- **Regional families of like-minded sites connected together**
 - (Food, Biomass , Agriculture)
- **Sites connected thematically to other regions (Maryland, Maine, Delaware, Kentucky)**
- **Network ready (local-regional-national-international)**





Website (software) features

- **Low cost (machine made)**
 - Using one piece of software (economical software development)
 - Hosted on two servers (economical hosting)
 - Fraction of the cost of custom building 'one by one' from scratch

- **Simple Admin Panel (Easy to Administer)**
 - Can be run by anyone who knows how to point, click and type.

- **Continuous improvement**
 - (as part of a family of 100+ websites)

- **Shared costs of continuously upgrading & updating the software for feature development.**

- **Evolves to keep pace with new internet developments**
 - (eg. New viruses, New bugs)
 - So you can get listings on your iPhone





Service Offer

- **All Inclusive web based software as a service includes:**
 - Software
 - Software maintenance,
 - Secure hosting: 99.9% online
 - Green hosting: 1/20 carbon footprint of competitors servers
 - Upgrades & Updates
 - Support
 - Discussion Forum





iWasteNot Systems

- Since 2003
- 18 States& Puerto Rico
- 3 Provinces
- Cities of Chicago, New York
- Clients include Northeast Recycling Council, SWIX group in Florida, EPA





Please use these NY services

- **They're not perfect. We'd like to add/develop:**
 - The directories.
 - A 'transaction mechanism' for buying/selling online.
 - The ability to group individual listings within a 'individual vendor storefront'.
 - A system in each state. Plus larger cities. Plus networked.
 - A system to send out emails from your email program inviting your friends to visit the site (we have the basics of this). Etc.

- **They're a 'start' and will get better and better. Please use them.**



Thank You

