









### **About Us**



# KIRKLAND MEAT

- Wholesale retailer
- Food court
- Fresh Meat
- Bakery
- Deli





# Corporate Recycling Programs



- Cardboard Baler
- Plastic wrap Baler





### Wasted Nonfood Reductions

- Bins for every department that uses:
  - Paper
  - Plastic
  - Glass
  - Aluminum
- Bins are separated
- Bins have lids
- Trash can access is limited



Pintrist.com



### Wasted Nonfood Reductions

- Tire Shop:
  - Tires
  - Vehicle Batteries
- Hazardous Materials
  - Option STOP computer system
  - Light bulbs & household batteries



onfirm disposal and recycling instructions in option STOP.

QUESTIONS? GALL OR EMAIL HAZMAT

(425) 427-7762 hazmat@costco.com



### **Food Recovery Pyramid**



#### **Source Reduction**

Reduce the volume of surplus food generated

#### Feed Hungry People

Donate extra food to food banks, soup kitchens and shelters

#### **Feed Animals**

Divert food scraps to animal feed

#### **Industrial Uses**

Provide waste oils for rendering and fuel conversion and food scraps for digestion to recover energy

#### Composting

Create a nutrient-rich soil amendment

#### Landfill/ Incineration

Last resort to disposal



## Source Reduction Reduce the volume of surplus food generated

- Just-in-time ordering
- Software projections
- Creative food recovery
  - Ribs
  - Rotisserie chicken



#### **Source Reduction**

Reduce the volume of surplus food generated

### Ribs: One Input, Four Products

Raw, unseasoned

Raw, seasoned





Cooked, chilled



#### **Source Reduction**

Reduce the volume of surplus food generated

Rotisserie Chicken: One to Many



Hot bird!

Breast meat

Thighs

Chicken salad

Chicken noodle soup

Burritos

Enchiladas





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- Unsold baked goods are donated to local food banks
- A portion of substandard produce is donated to the Ohio Wildlife Federation

 Broken or torn bags of pet food are donated to local shelters



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#### **Industrial Uses**

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### Composting

Create a nutrient-rich soil amendment

- Chicken grease and carcasses are picked up by Darling Ingredients
  - Alternative to paying for grease extraction & disposal
    - Used in the creation of many goods, including:
      - Biodiesel
      - Pet foods
- Looking forward: Composting
  - Complete the cycle





### Data Tracking





### **EPA's Toolkit**

- What it did for Costco
- Recognizing its limitations
- Tailor the toolkit
- Track data:
  - Find issues and wasted resources
  - Involvement at all levels
  - Save the planet
  - Stay under budget
  - Make the sell