# Samantha Bendix Selected Works



# ROEDER FARMS



## Pride of the

## **HEARTL**

since 1955

Roeder Farms 396 V Road

Kearney, NE 68845

# NON GMO WHITE CORN

Variety: BH8951W

Moisture:

Test Weight:

62.4

Crack & Break: 2.6 Other Color: 0.6 Foreign Material: 0.2 Field: Home Harvest Date: 10/2/19

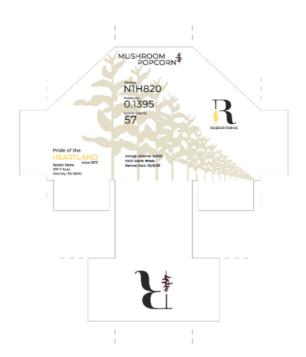
## **Seed Sampler**

A grain sample package design for Roeder Farms. The packages were designed for small grain samples to be sent to end buyers.











## **Systems**

# **Effective Waste Management Solutions**

Inspired by the complexities of infrastructure and systems, this poster series only scratches the surface of the inner workings of recycling and sustainability.

Systems focuses on the past, present and future of recycling systems. Taking a leap back through time to the earliest known systems and analyzing the effectiveness of what happened and what is happening can inform what will happen. Infrastructure and systems of the past once had to evolve as needs changed, and Systems aims to inform as well as become a catalyst for such change.







#### LONDON

- 盖 It was during the 1890s, the Salvation 革 Army and its programs expanded to the
- Before 2001, the total percentage of collected and recycled household waste in London was less than 10%. Within five years, the number jumped to 18% and now it sits at 39%, with the national

As for the Salvation Army, the group who first brought the concept of recycling to London, now can be found all over the world and are particularly well known for their thrift stores in Canada and Australia. The Salvation Army Thrift Stores accept donations of slightly used profits from these stores to support those in need, all while keeping unwanted furniture and clothing out of landfills.

Depending on the municipality, there could be up to 12 streams collected on varying days including categories of newspaper, cardboard, milk cartons, books, and magazines, other "mixed"

many stores have recycling bins located in stores next to the cash registers so shoppers can discard the excessive

#### **NEW YORK CITY**

- Materials were sorted into various grades of paper, metals, and carpets along with burlap bags, twine, rubber, and even
- Of the waste removed, 76% of the non-recyclable waste collected by the Big Apple is sent to landfills in other states such as Virginia, Ohio, and Pennsylvania. Much of Manhattan's waste is sent to New Jersey to be burned in incinerators.

In addition to the Big Apple, there are non-profits that help NYC residents recycle more. GrowNYC is one of the many organizations that offer programs and resources to help create a better environment. GrowNYC's Office of Recycling Outreach and Education has actually designated a Recycling Outreach Coordinator to each borough who help superintendents and apartment dwellers identify challenges with recycling. The group also puts on workshops as well as community events to help educate and overcome barriers to recycling. Special collection programs for textiles, electronics, and organic waste are also offered by the organization.

#### **ATHENS**

There are 30 recycling centers in the city that reward individuals for recycling with discount coupons. Recyclers have the option of donating the monetary value of their recyclables to charity.

been in economic turmoil. Thus Athens' goal of reducing food waste and other biodegradable urban waste by 65% by

# WHAT IS RECYCLABLE?

#### CARDBOARD

#### CHEMICALS

#### PAPER

METAL

**WASTE REDUCTION** 

**ADVERTISING** 

**INCENTIVIZE** 

Landfills are full of cheap, irreparable products that only offer a single use. These products are the result of excessive advertising aimed at creating desires to follow trends as well as result in a personal self-reward systems based on acquisition.

Sen-reward systems based on acquisition.

Our need for material possessions leads to the need for more storage to house these products. As people run out of room in their homes to store objects, new storage facilities must be built in order to house extra things. Thousands of acres of land are paved over to make these facilities which uses up more resources and requires more materials to me made.

There are many reasons why people don't recycle. Some don't want to put the extra effort into it, some simply lack enough space. Others would do it for payment and then there are some that believe recycling doesn't actually make a difference, so why bother.

San Francisco, the closest large US city to going zero waste, uses a combination of innovative policies, outreach and education, as well as financial incentives to achieve

Different countries have taken different approaches to this issue. Some countries require hefty fines to be paid for not complying with recycling regulations and others offer tax breaks for recycling

So much compostable waste is sent to landfills when it could be used for agricultural purposes. Crops need fertilizer in order to produce a greater yield. Compost improves soil properties, provides nutrients, increase plant growth and health, in addition to helping conserve water. The state of California is a great example of this system. According to the California Compost Coalition, roughly 7.5 million tons of compost were used on irrigated land annually. A fair bit of that compost came from city waste.

#### **STANDARDIZATION**

when it comes to inconsistency the collection of different materials is not the only problem. The lack of consistent containers and accompanying signage causes confusion of where materials go, which can lead to contamination and loss of recycled materials.

Potential solutions to this problems include restrictive openings, clear color coordination as well as conceise labeling and signage options. Repetition among recycling units is key to correctly informing users and improving the quantity and quality of recycled materials.

PLASTICS

# RECYCLING THEN VS NOW

# WHAT CAN WE DO?

ADVERTISING

#### **NEW YORK CITY**

#### WASTE REDUCTION



#### ATHENS



#### STANDARDIZATION



## Illustration + Motion Graphics

## Attack of the Space Pirates

Follow Captain Amel Locke through the beginning of an assault by space pirates after his cargo.

### A Smack of Umbrellas

We randomly drew an object out of a hat, and I drew a "giant cactus umbrella." The opening and closing motion of an umbrella reminded me of jellyfish movements, which led to a smack of umbrellas flying through the sky.

