Where does your food come from?
GrowIt-KnowIt App

http://ianr.unl.edu/growit-knowit-app
AGRICULTURE

93% of Nebraska’s Land is used for Farming and Ranching

The average farm size is 500-1,000 acres

One farmer produces enough food to feed 155 people
What was for lunch?
Where did it come from?

Hamburger
Hamburger

NO

Sheep (Lamb)?
Corn & Soybeans?
Beef (Beef)?
NO

NO

NO

NO

NO

Beef (Beef)?
MEAT & BYPRODUCTS

- 640 pounds used for meat products, such as steak, roasts and hamburgers
- 64% used for meat
- 99% utilized for meat and other products
What Comes from Beef Cattle

MEAT (BEEF)
- LOIN & SIRLOIN
  - Filet Mignon Steak
  - Roast
  - Sirloin Steak
  - T-bone Steak
- RIB
  - Prime Rib
  - Ribeye Steak
  - Short Ribs
- CHUCK
  - Flat Iron Steak
  - Roast
- ROUND
  - Roast
  - Rounds Steak
- OTHER
  - Ground Beef (Hamburger)

From the...

INEDIBLE FATTY ACIDS & GELATIN
- Band-Aids
- Candles
- Deodorant
- Film
- Jell-O
- Soap
- Pill Capsules
- Shampoo
- Toothpaste
- Vitamins

HIDE & HAIR
- Belts
- Gloves
- Luggage
- Paint Brushes
- Shoes & Boots
- Sports Equipment

BONES, HORTNS & HOOVES
- Bone China
- Buttons
- Combs
- Glue
- Marshmallows
- Piano Keys
- Sandpaper
- Toothbrushes
- Violin String
- Wallpaper

BY-PRODUCTS
FROM PASTURE TO PLATE
A safe food product

18-20 months of age
Cow Calendar
FROM PASTURE TO PLATE
A safe food product

1,100 to 1,400 pounds depending on breed type
FROM PASTURE TO PLATE
A safe food product

We’re #1
In 2013, 7,353,100,000 lbs.
of red meat were
produced in Nebraska
There is almost 23 million acres of rangeland and pastureland in Nebraska.

NOTE: An acre is about the size of a football field.
Where do these come from?

Milk

Cheese
Dairy Cattle
From Farm to You
The Story of Milk Video
Where did it come from?
Corn
Wheat
Soybeans

Bun

Corn
Soybeans
Wheat
NO

Bun

Soybeans

Wheat
What About Wheat

Wheat comes from a PLANT.

Wheat is a GRAIN.

Other things that are made from WHEAT:

- Bread
- Baked Goods
- Pizza Crust
- Pasta
- Cereals
HOW BIG IS AN ACRE?

43,560 square feet
Almost the size of a football field. Outlined in RED.
- Control weeds & fertilize
- Get the soil ready to plant
- Plant
- Control weeds and insects
- Irrigate
- Harvest
- Sell, store, or make the crop into food and byproducts

Crops need sunlight, water, nutrients, and carbon dioxide to grow.

Soil is the “grocery store”. It is where the roots absorb nutrients & water.

Crops release oxygen into the atmosphere that is used by people and animals.

$ - Land, Taxes, Equipment, Fuel, Labor, Insurance, Chemicals, Irrigation, Fertilizer, Seed
PLANTING CORN

https://www.youtube.com/watch?v=LVVktzvCF50

HARVESTING CORN

https://www.youtube.com/watch?v=CxxEaOw6gZU
Nebraska Ag Facts

CORN
- 3rd largest corn producing state in the United States.
- Farmers are producing 6X more corn than in the 1920s.
- 9.1 million acres in corn production.

SOYBEANS
- 5th largest soybean producer in the United States
- Soybean production generates $2 billion annually, making soybeans the second leading crop in Nebraska, next to corn.

WHEAT
- 12th largest wheat producer in the United States
- 1.5 million acres in wheat production
French Fries

Where do they come from?
Potatoes
What About Potatoes

Potatoes come from a PLANT.
Potatoes are VEGETABLES.

Other ways to eat POTATOES:

- Mashed, Baked & Roasted
- Potato Chips
- Hash Browns
- Potato Wedges
- Tater Tots
- Soup
Harvesting Potatoes

https://www.youtube.com/watch?v=1-SPuIpsaSs
Peppers for Lunch
What About Peppers

Peppers come from a plant. Peppers are vegetables.
CULTIVATING
PLANTS & MINDS

Heritage Elementary School
Plant Science Program

Sponsored by: Douglas County Farm Bureau
Supported by: University of Nebraska-Lincoln Extension
Baked APPLES for Lunch
What About Apples

Apples come from a tree (plant).
Apples are FRUIT.
Nebraska Ag Facts

POTATOES

• 10th-20th in potato production in the United States.
• Planted about 20,000 acres with a value of $80.5 million.
• Native to the Americas, leading the list of popular vegetables.
• Average American eats 130 pounds of potatoes a year including 30 pounds of French Fries and 6 pounds of potato chips.

FRUITS & VEGETABLES

• Requires special equipment, a lot of people, and a lot of information to make a profit (money).
• Sell at farmers’ markets, roadside stands, U-pick operations and/or through wholesale and/or retail outlets.
• Growers have increased from 78 in 2000 to 552 in 2011.
• In Nebraska - over 80 farmers’ markets, nearly 290 roadside stands, and approximately 55 U-pick operations.
What is for snacks?
MILK
from Prairieland Dairy
&
POPcorn
from Just Pop’d Popcorn
What About Popcorn

Popcorn comes from a PLANT.

Popcorn is a GRAIN.

Nebraska is 1\textsuperscript{st} in popcorn production in the United States!
Where does your food come from?

AGRICULTURE!

• AGRICULTURE is the largest industry in Nebraska.
• Nebraska AGRICULTURE helps feed the world.
• Farmers raise crops and/or livestock to make a profit so that they can feed the world.
Now you know!