



Where does your food come from?

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GrowIt~KnowIt App

<http://ianr.unl.edu/growit-knowit-app>



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AGRICULTURE



The average farm size is
500-1,000 acres

**One farmer produces
enough food to feed**

**155
PEOPLE**



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**What was for
lunch?**



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← Hamburger

Where did it come from?



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← Hamburger



Pigs (Pork)?



Sheep (Lamb)?



Corn & Soybeans?



Beef (Beef)?



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← Hamburger

NO



Sheep (Lamb)?



Corn & Soybeans?



Beef (Beef)?



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← Hamburger

NO

NO



Corn & Soybeans?



Beef (Beef)?



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← Hamburger

NO

NO

NO



Beef (Beef)?



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Hamburger

YES



Beef (Beef)

NO

NO

NO



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Beef Cattle



Dairy Cattle

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

144
baseballs

18
volleyballs

12
basketballs

12
baseball
gloves

18
soccer balls

20
footballs

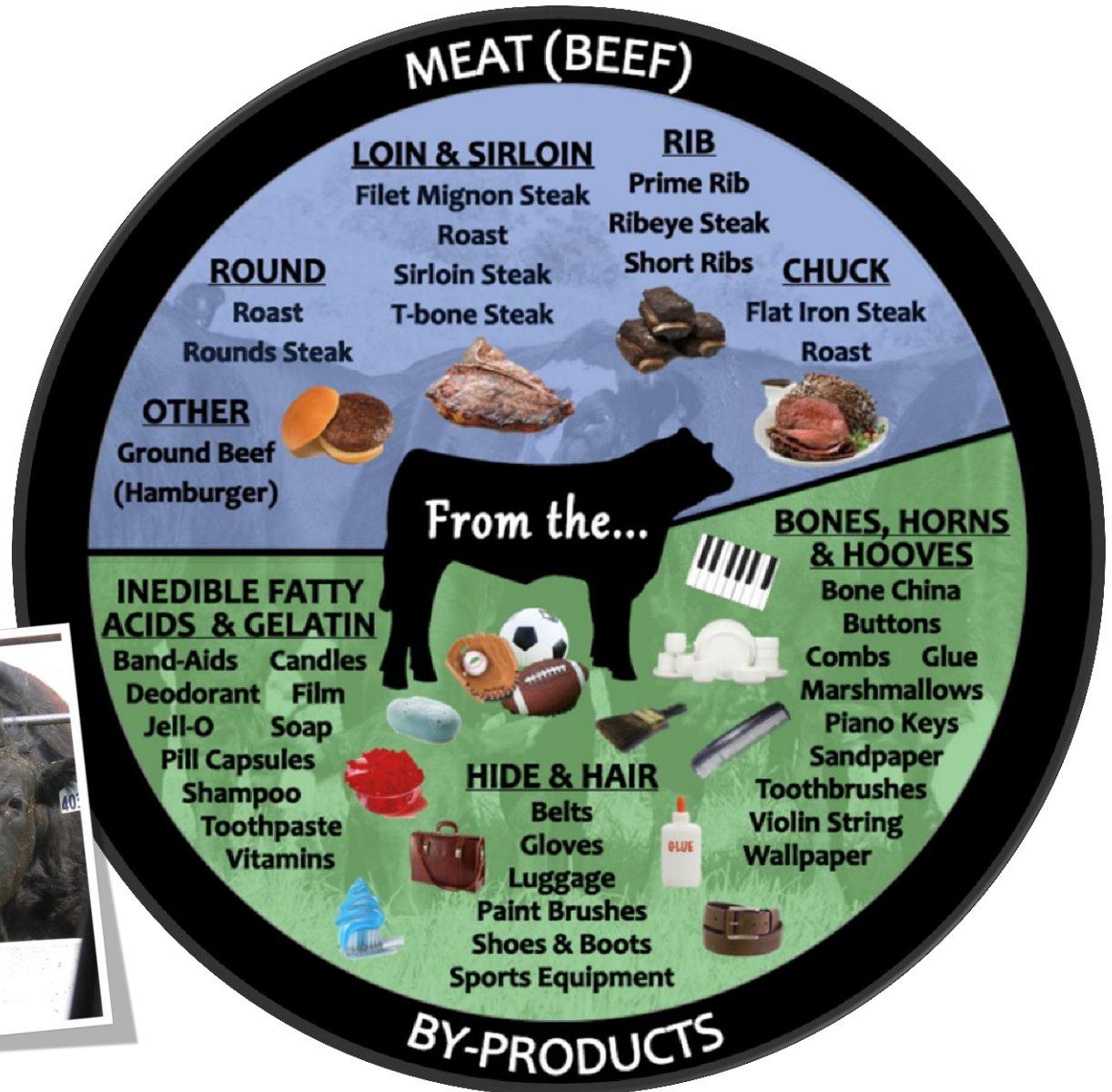


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What Comes from



Beef Cattle





FROM PASTURE TO PLATE

A safe food product

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18-20
months of age
Cow Calendar

January	February	March	April	May	June
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
July	August	September	October	November	December
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January	February	March	April	May	June
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
July	August	September	October	November	December
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FROM PASTURE TO PLATE

A safe food product

1,100 to 1,400

pounds

depending

on breed type





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FROM PASTURE TO PLATE

A safe food product

A hand is shown pointing upwards with the index finger. The text 'We're #1' is overlaid on the hand, with the '#1' being significantly larger and more prominent. Below this, the text 'In 2013,' is followed by '7,353,100,000 lbs.' in a large, bold, yellow font. At the bottom, the text 'of red meat were produced in Nebraska' is written in a white font with a grey drop shadow.

We're #1

In 2013,

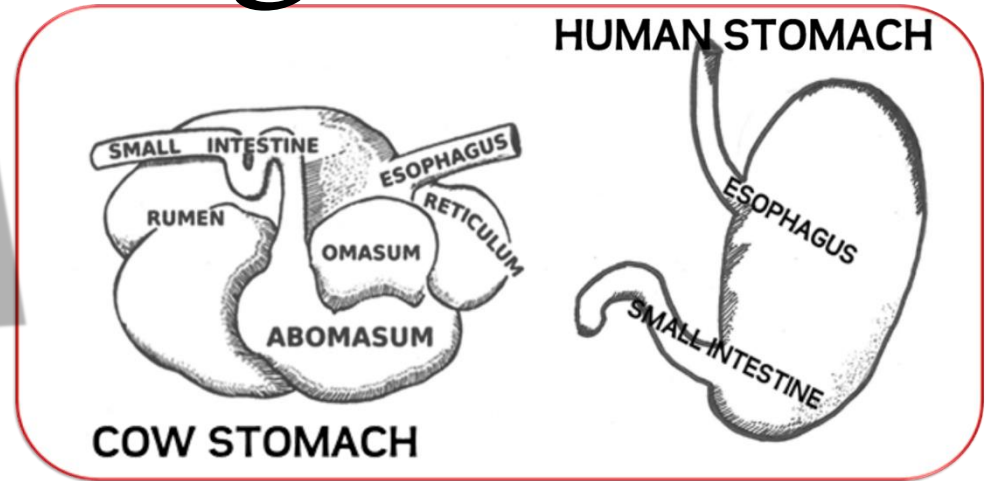
7,353,100,000 lbs.

of red meat were
produced in Nebraska



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Ruminant VS Single Stomach



There is almost 23 million acres of rangeland and pastureland in Nebraska.

NOTE: An acre is about the size of a football field.



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Cheese



Milk



Where do these come from?



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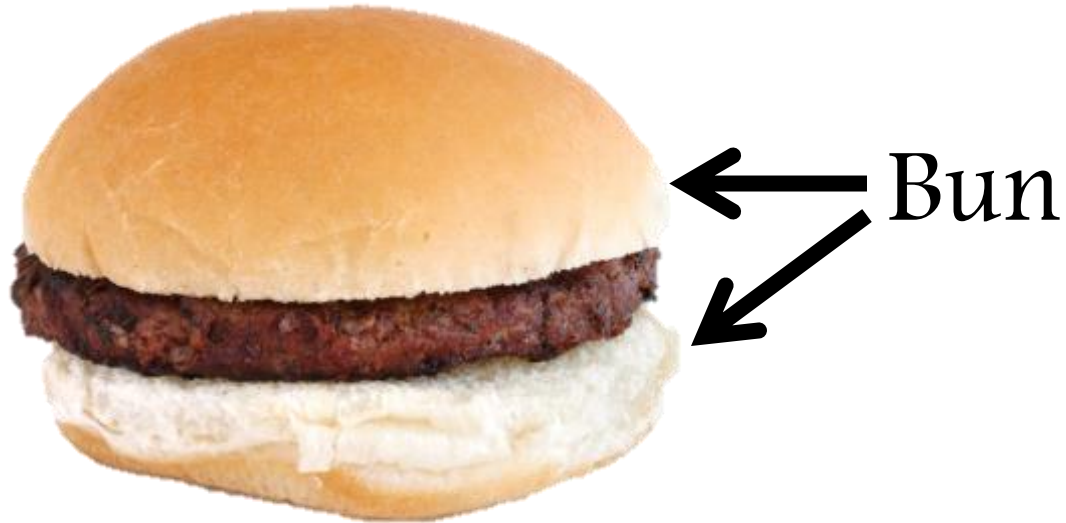
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A close-up photograph of a wooden spoon pouring milk into a bowl. The milk is captured mid-pour, creating a dynamic splash. The text 'From FARM to YOU The Story of Milk Video' is overlaid on the image. 'From' and 'to' are in a teal, cursive font. 'FARM' and 'YOU' are in a large, red, serif font. 'The Story of Milk Video' is in a teal, cursive font at the bottom.

From **FARM**
to **YOU**
The Story of Milk Video



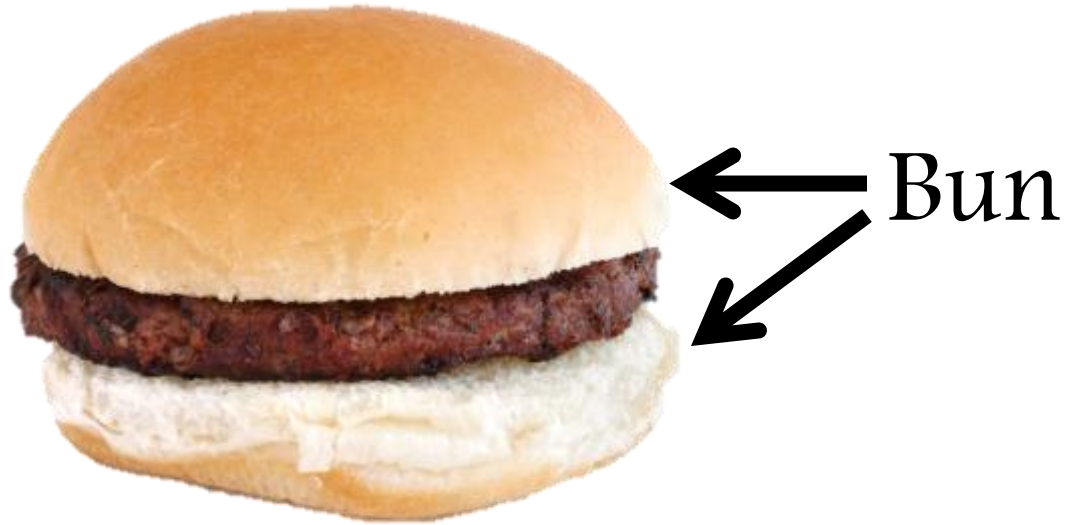
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Where did it come from?



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Corn



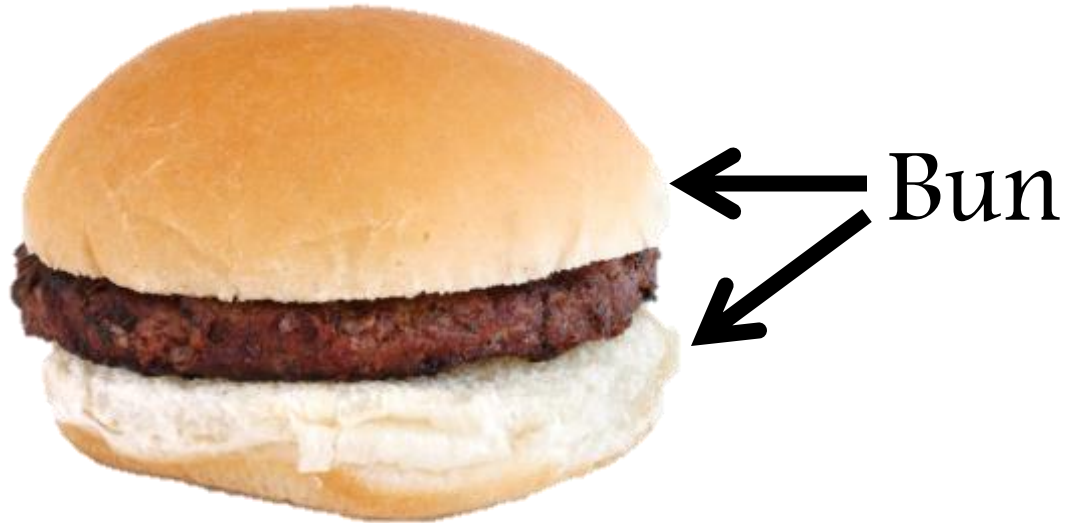
Soybeans



Wheat



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NO



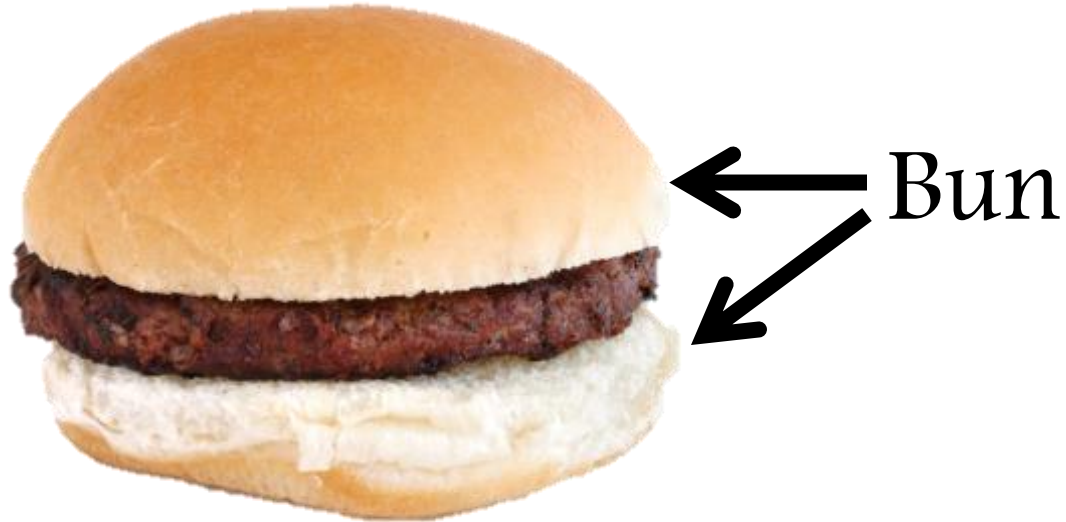
Soybeans



Wheat



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NO

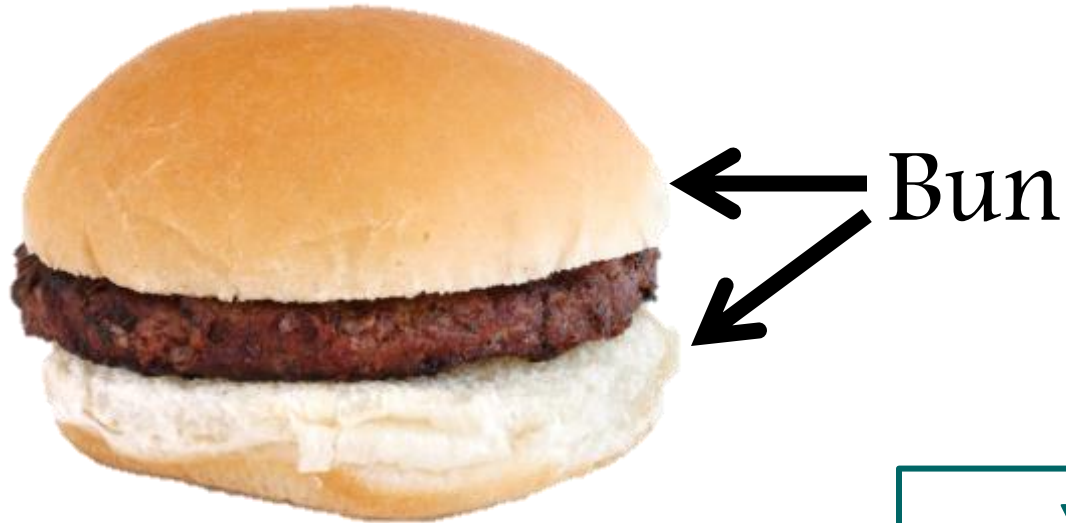
NO



Wheat



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Bun

NO

NO

YES



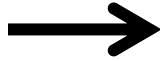
Wheat



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What About Wheat

Wheat comes from a PLANT.



Wheat is a **GRAIN**. Other things that are made from **WHEAT**:

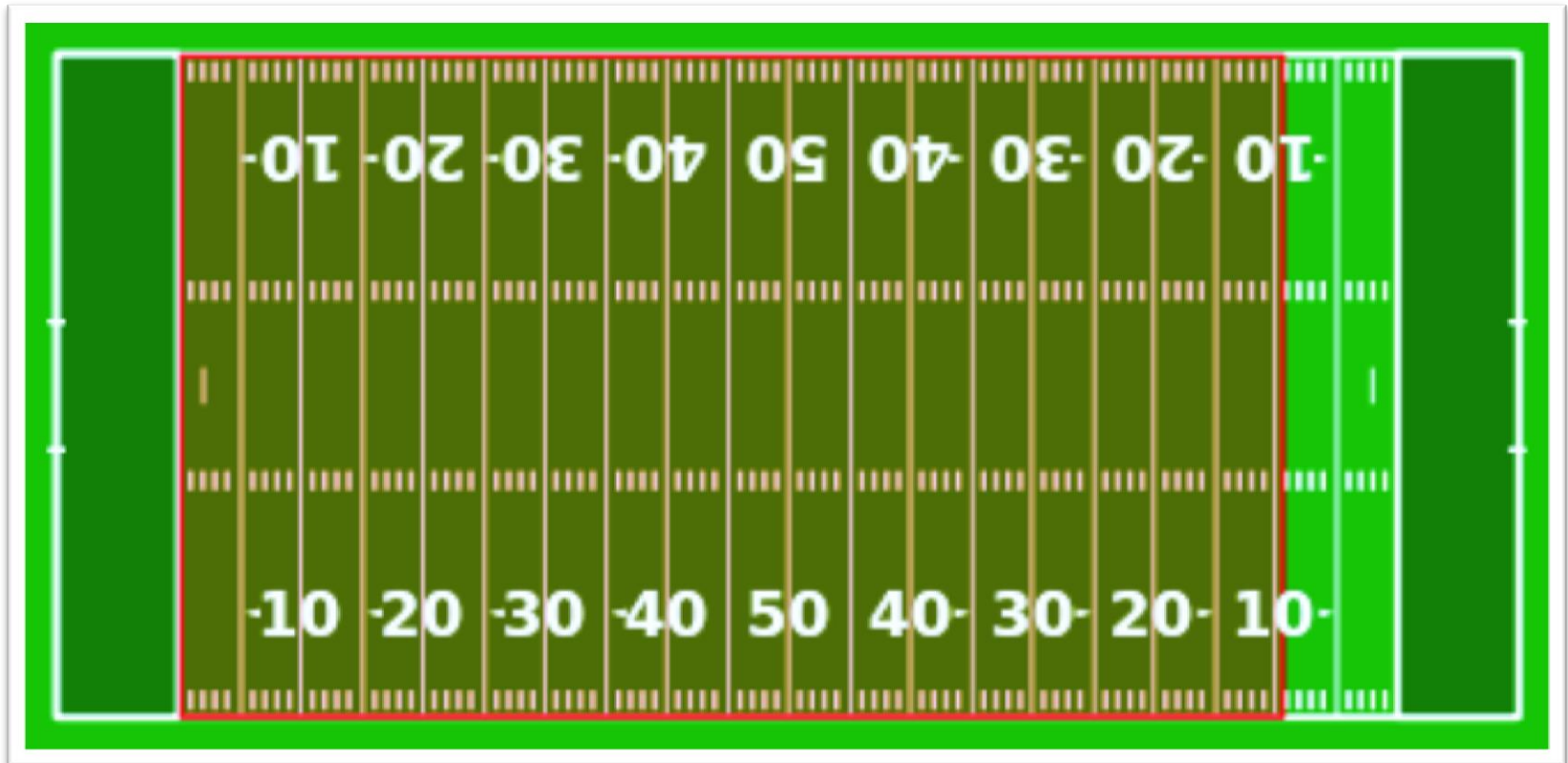


Bread
Baked Goods
Pizza Crust
Pasta
Cereals



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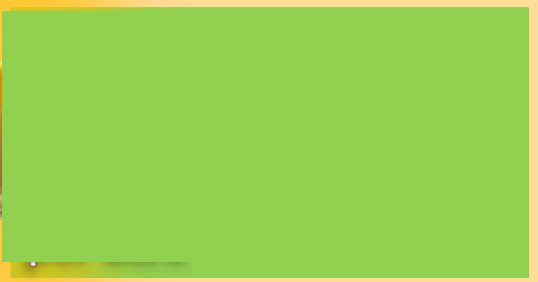
HOW BIG IS AN ACRE?



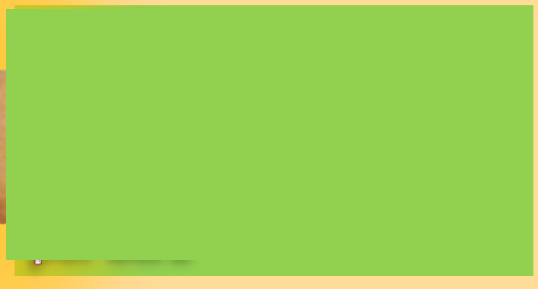
43,560 square feet

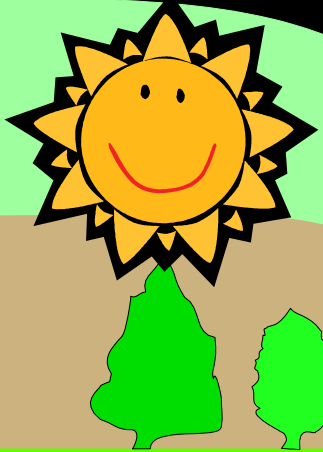
Almost the size of a football field. Outlined in RED.

Corn

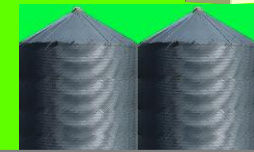
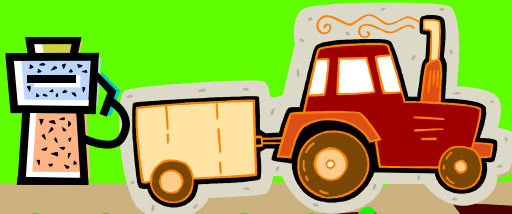


Soybeans





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

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

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



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



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PLANTING CORN

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



HARVESTING CORN

<https://www.youtube.com/watch?v=CxxEaOw6gZU>



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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



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French Fries

Where do they come from?



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Potatoes

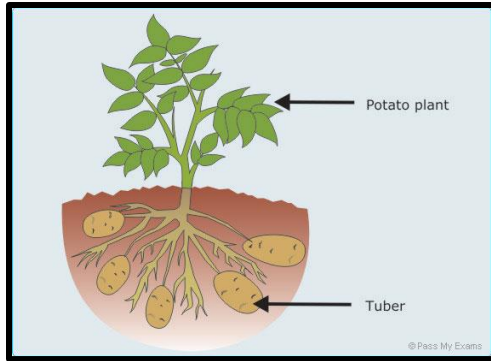


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What About Potatoes

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



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Harvesting Potatoes

<https://www.youtube.com/watch?v=1~SPuIpsaSs>



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Peppers for Lunch



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What About Peppers

Peppers come from a PLANT.

Peppers are VEGETABLES.





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CULTIVATING PLANTS & MINDS

Heritage Elementary School
Plant Science Program

Sponsored by: Douglas County Farm Bureau
Supported by: University of Nebraska-Lincoln Extension





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Baked APPLES for Lunch

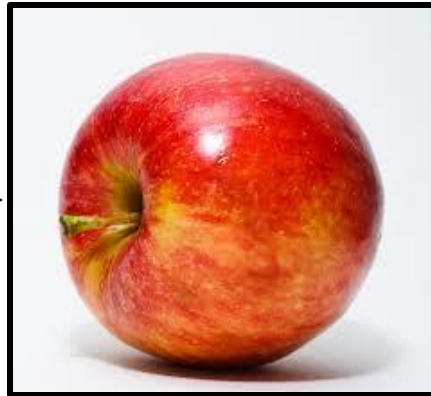


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What About Apples

Apples come from a tree (plant).

Apples are FRUIT.





Nebraska Ag Facts

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POTATOES

- 10th-20th in potato production In 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.



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What is for snacks?



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MILK

from Prairieland Dairy

&

POPCORN

from Just Pop'd Popcorn



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What About Popcorn

Popcorn comes from a PLANT.



Popcorn is a GRAIN.



Nebraska is 1st in popcorn production in the United States!



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WORLD POPULATION

Today = 7 Billion People

2050 = 9 Billion People

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!

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