

D I G I T A L M A G A Z I N E

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Missouri Agriculture

Full of Food, Farmers & Fun!



6

Crops

E N R I C H M E N T

Missouri Agriculture

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Corn



Grapes



Oats



Rice



Soybeans

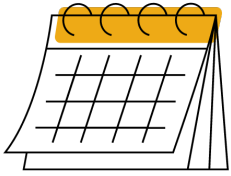


Wheat

Missouri

Corn

The U.S. is the **LARGEST** producer, consumer & exporter of corn in the world.



90 MILLION acres of corn is harvested each year in the U.S.

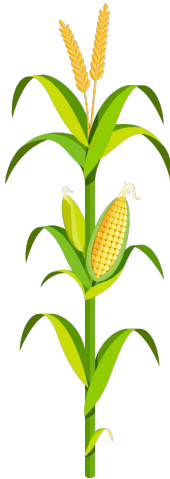
Corn is America's **number 1** field crop.

An ear of corn **ALWAYS** has an even number of rows.

Corn is considered a **vegetable, fruit** AND a **grain!**

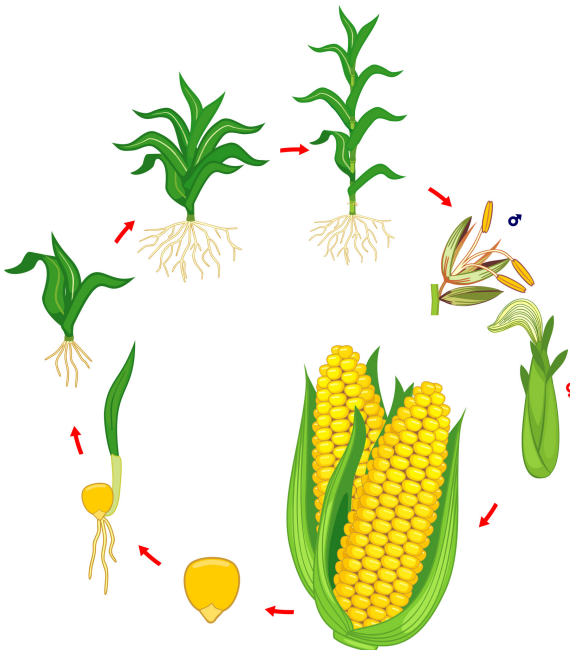


There are around **800** kernels on each ear of corn.



Most countries outside of the United States call corn "**maize**".

Most of the corn grown in the U.S. is grown in what is called the "**corn belt**" located in the Midwest.



Grapes

The **Norton** grape is the official grape of Missouri.

Grapes are grown in fields called **vineyards**.

72

million tons grown worldwide each year.



Colors of grapes: **red**, **green**, **white**, **black**, **purple**, **blue** & **gold**.

Over **8,000** types of grapes.



Grapes are a type of **berry**!

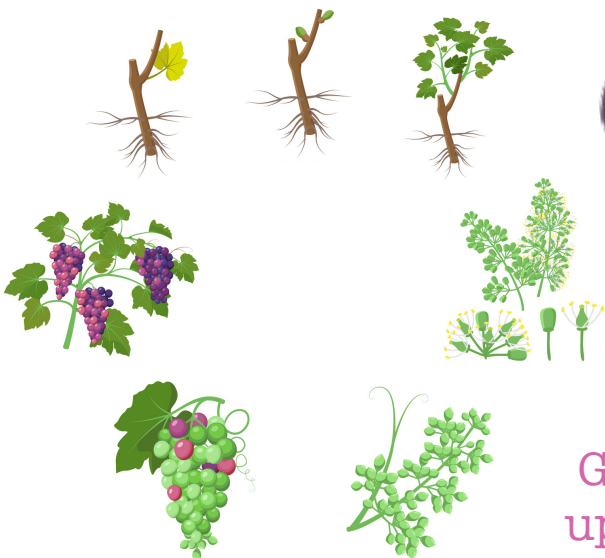
America's oldest grapevine is **400** years old...located in North Carolina.

Grapes are in peak season in the United States from **August** to **October**.

1 grapevine produces around **40** clusters of grapes.



1 grape cluster contains around **75** grapes.



Grapevines can reach up to **50 feet** in length.

Missouri

Milk

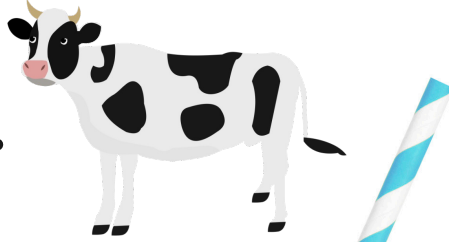
Missouri is home
65,000 dairy cows.

941 MILLION pounds of milk is
produced in Missouri each year.

Nearly **98%** of U.S. dairy farms are family owned & operated.

6

Breeds of
Dairy Cows:



ALL 50
states have
dairy farms!

1. Ayrshire
2. Brown Swiss
3. Guernsey
4. Holstein
5. Jersey
6. Milking Shorthorn

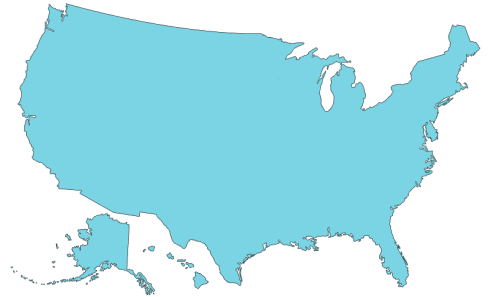
Holstein cows
all have a **unique**
pattern of spots!

1 cow produces around
6 gallons of milk per day.

The reason milk is
white is because it
contains "**casein**"
- a type of protein.



Farmers
measure milk
in **pounds**.



The U.S. produces
~**21 BILLION** gallons
of milk each year.



Milk is the source of
ALL dairy products!

Missouri

Oats

The U.S. produces around **57 MILLION bushels** of oats each year.

Oats have been cultivated for **thousands** of years.

2 Kinds of Oats:

1. Husked
2. Naked

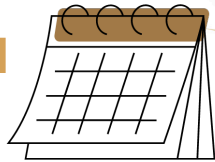
More than half of the world's oats are grown in the U.S. & Canada.

Farmers use oat straw as **bedding** for cattle & horses.

Oats are a **cool season** crop.

Oats are **planted** during the summer and early fall.

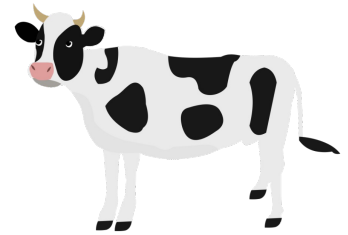
January is National Oatmeal Month!



Farmers use a "**combine harvester**" to harvest the oats.

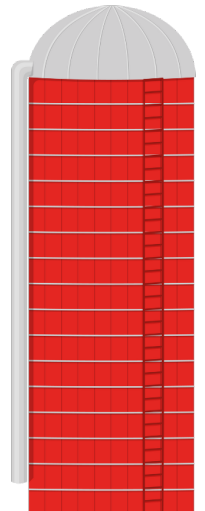


Oats are also used to make flour and alternative milk.



95% of oats grown in the U.S. are used for livestock feed.

Oats are stored in **silos**.



Missouri

Rice

The U.S. produces around **20 BILLION pounds** of rice each year.

Rice is one of the **MOST** labor intensive crops.

Top 5 Rice Producing States:

1. Arkansas
2. California
3. Louisiana
4. **Mississippi**
5. Missouri

Rice is grown on approximately **2.8 million** acres of land across the U.S.

Uncooked white rice will stay fresh & edible for **10-30 YEARS!**

Over **40,000** types of rice.



White rice is just brown rice that has been polished of its outer bran layer.



Steps to harvesting rice: **cutting, stacking, handling, threshing, cleaning & hauling.**

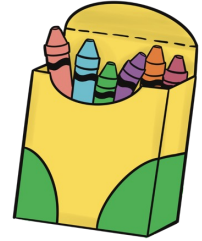
Rice plants can grow up to **6 feet** tall.



Missouri

Soybeans

The U.S. produces around **4 BILLION bushels** of soybeans each year.

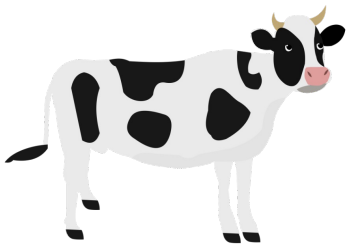


75 MILLION

acres of farmland are used for growing soybeans in the U.S.

One acre of soybeans can produce **82,368** crayons!

Soybeans are a part of the **legume** family.



Soybeans were first grown in the U.S. for **cattle feed**.



The U.S. is the **leading** country in soybean production.



“Miracle Bean”

Soybean pods usually contains **3 seeds** each.

Each soybean plant produces around **100** pods.

Soybean plants average **3 - 5 feet** tall.



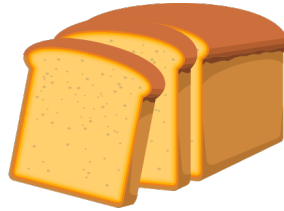
Wheat

The U.S. produces around **1.65 BILLION** bushels of wheat each year.

1 bushel of wheat contains around **100,000,000** individual kernels.

6 Classes of Wheat Grown in the U.S.

1. Hard Red Winter
2. Hard Red Spring
3. Soft Red Winter
4. Soft White
5. Durum



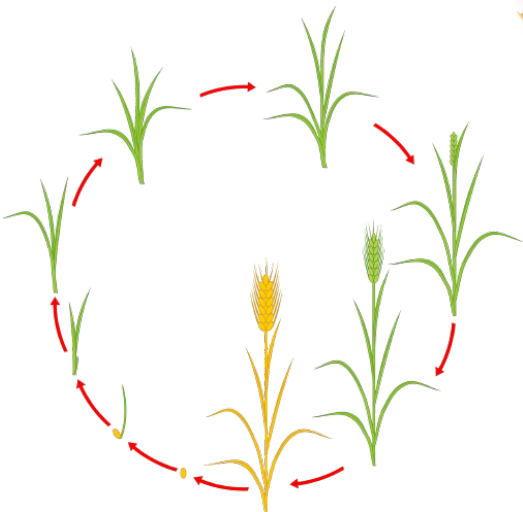
1 bushel of wheat can produce **90 loaves of bread.**

Hard Red Winter wheat is used mostly for making **breads.**

1 acre = **40** bushels of wheat.

The average wheat crop grows to be between **2 & 4** feet tall.

Wheat grows best in **warm** weather.



Wheat is the **MOST** harvested crop in the world.

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