

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

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## South Dakota Agriculture

*Full of Food, Farmers & Fun!*



E N R I C H M E N T

7

Crops

South Dakota Agriculture

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Barley



Corn



Flaxseeds



Oats



Soybeans



Sunflowers



Wheat

South Dakota

# Barley

The U.S. harvests around **170 MILLION bushels** of barley per year on **2.2 MILLION acres** of land.



The U.S. produces mostly **spring** barley.

## Ways to Classify Barley:

1. Spring Barley
2. Winter Barley
3. 6-Row Barley
4. 2-Row Barley

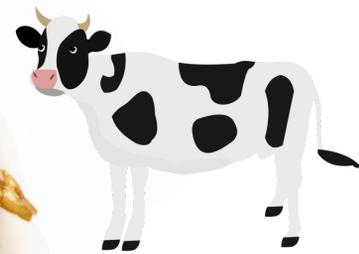
Barley is one of the **oldest** domesticated grain crops.

A **small** percentage of barley is milled into flour.



Barley is a cool-season, annual crop.

Barley is used as a feed grain for livestock.



The head of the plant is called the "**barley spike**" which is made up of 20 - 60 grains.

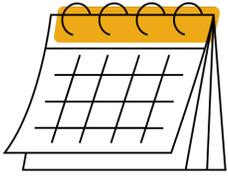
Barley is a **tall grass** with a stem that reaches between 30 - 35 inches high.



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# 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!**

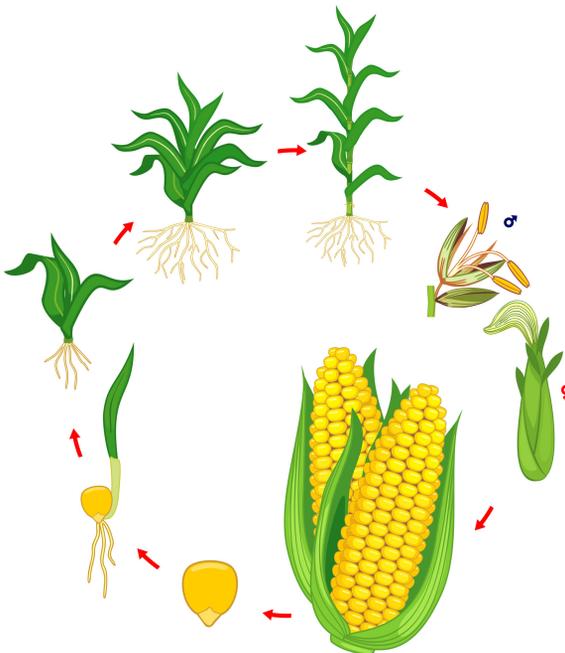


There are around **800** kernels on each ear of corn.



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.



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# Flax Seeds

Flax is grown on **268,000 acres** across the U.S.

In total, the U.S. produces around **2.7 MILLION bushels** of flax each year.

Flax seeds can be **brown** or **yellow**.

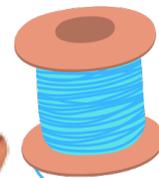
## Top 2 Flax Seed Producing States:

1. North Dakota
2. Montana

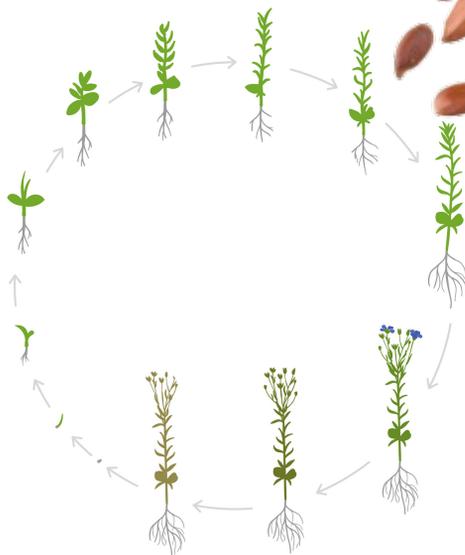
Flax was **first** used as a thread to make linens.

Flax seeds come from a **flax plant**.

Flax seeds are also known as "**linseeds**".



The blue color from the flax plant can be used to make **fabric dye**.



Flax grows best in cool climates that have long periods of daylight.

Flax is a **blue-flowering** plant.



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# 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:

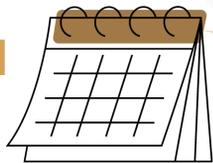
1. Husked
2. Naked

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

Oats are a **cool season** crop.

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

**January is National Oatmeal Month!**



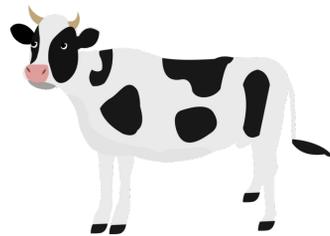
Oats are commonly rolled and made into **oatmeal**.

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



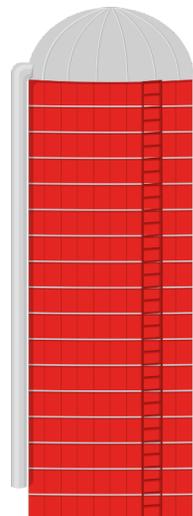
Oats are also used to make flour and alternative milk.

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



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

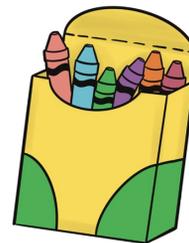
Oats are stored in **silos**.



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# Soybeans

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

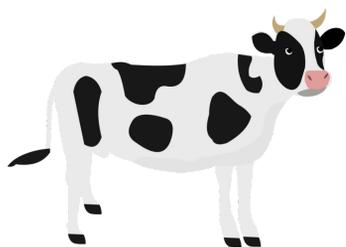


**75 MILLION**

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**.

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



**“Miracle Bean”**



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

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

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



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# Sunflowers

North Dakota is the **2<sup>nd</sup> largest** sunflower producing state in the U.S.

Sunflower **seeds** are a popular snack for baseball players.



Sunflowers aren't *always* **yellow** – they also can be **red, purple** or **brown!**

The world record for **TALLEST** sunflower was 30 feet and 1 inch tall.



Sunflowers symbolize positivity.



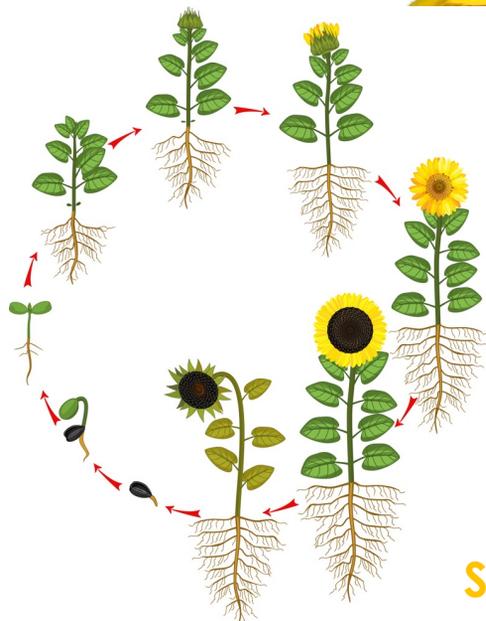
Sunflowers are at **PEAK** bloom in mid-summer.



The head of a sunflower is made up of **thousands** of tiny flowers.

Young sunflowers turn and face the **sun** as it rises and then continue to follow throughout the day.

**Sunflowers follow the SUN!**



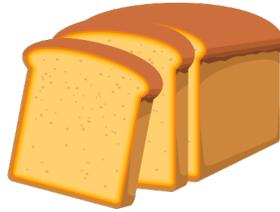
# Wheat

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



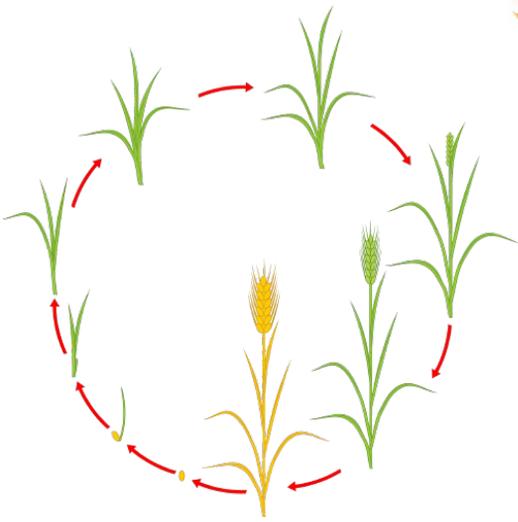
1 bushel of wheat can produce **90 loaves of bread.**

**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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