

LEARN⁺™
more

New York Agriculture

Full of Food, Farmers & Fun!



13

Crops

New York Agriculture

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Apples



Barley



Cabbage



Corn



Green Beans



Milk



Oats



Pumpkins



Soybeans



Squash



Sweet Corn



Sweet Potatoes



Wheat

New York

Apples

On average, **240 MILLION** bushels of apples are harvested across the U.S. each year.



5 of the Most Popular Varieties of Apples:

1. Red Delicious
2. Gala
3. Granny Smith
4. Fuji
5. Golden Delicious

The U.S. is home to approximately **322,000 acres** of apple orchards.

2,500



varieties of apples are grown in the United States.



apples make **1 gallon** of cider.



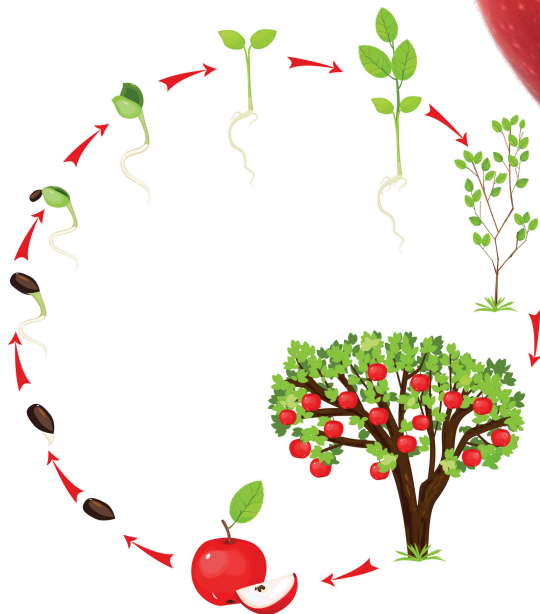
21% of apples are juiced.



An **apple blossom** is the flower that comes from an apple tree.

An apple tree takes at least **4 years** to start producing fruit.

Most apples are **HAND-PICKED.**



New York

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

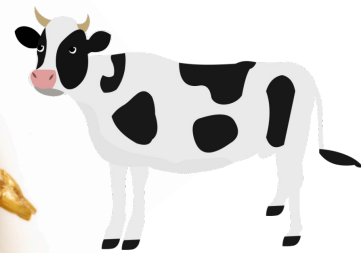
Barley is one of the **oldest** domesticated grain crops.

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.



New York

Cabbage

The U.S. harvests **58,000+** acres of cabbage each year.

Cabbage grows best with a lot of **sunlight**.



Cabbage is a “**cold-weather veggie**”.

Cabbage is one of the **OLDEST** vegetables in existence...has been harvested for over **6,000** years!

Peak season is from **November** to **April**.

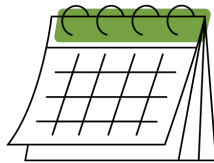
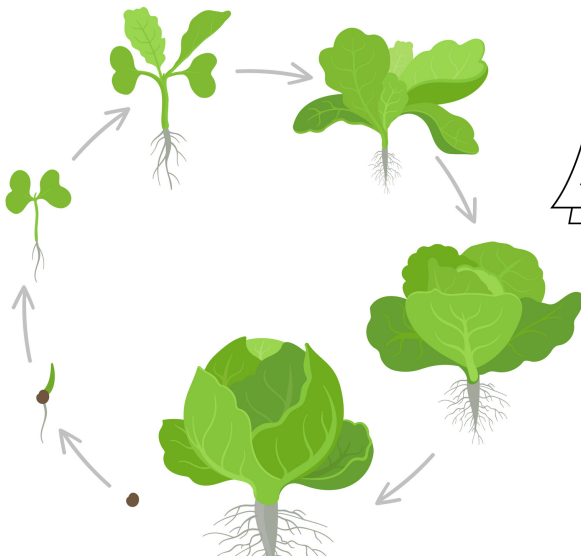


Types of Cabbage:

1. Early
2. Late

An average cabbage plant is **4 - 6 feet** tall.

Early cabbage takes **45 days** to mature, and late cabbage takes **87 days**.



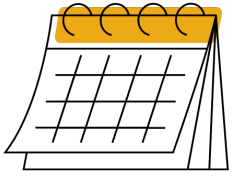
The most **popular** varieties of cabbage:

1. **Green Cabbage**
2. **Red Cabbage**
3. **Savoy Cabbage**

New York

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.

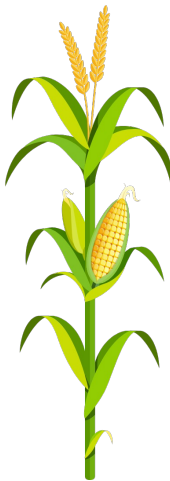
Corn is America's **number 1** field crop.

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

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

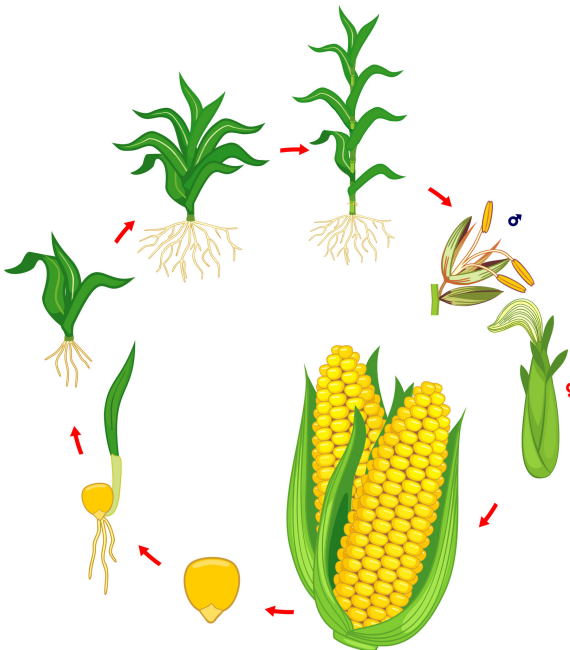


There are around **800** kernels on each ear of corn.



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.



New York

Green Beans

The U.S. produces over **1.5 BILLION pounds** of green beans each year.

Bush & pole are the 2 main types of green beans.



Try growing green beans in your garden!

Green beans are the **3rd most** home-grown vegetable.

New York is the **2nd largest** green bean producing state.

130+ varieties of green beans.

Green beans are also known as “**string beans**” or “**snap beans**.”



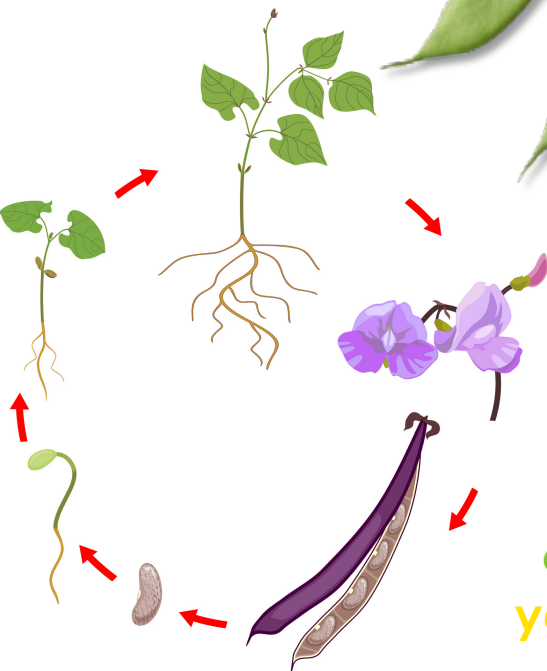
The World's Tallest Bean Plant was over **45 feet tall**.

=

Equivalent to **3 fully-grown giraffes** stacked on top of one another.



String beans can be **green**, **yellow** or **purple**!



New York

Milk

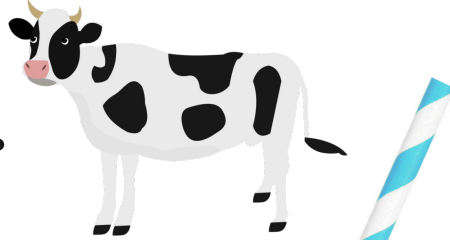
New York is home to **630,000** dairy cows.

15.6 BILLION pounds of milk is produced in New York each year.

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

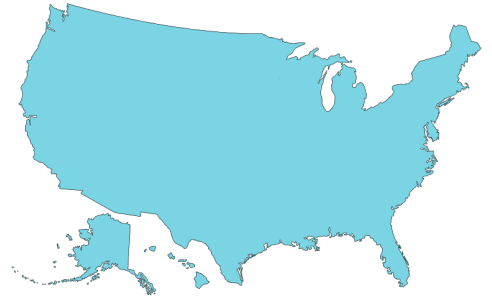
6

Breeds of Dairy Cows:



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

ALL 50 states have dairy farms!



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!

New York

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:

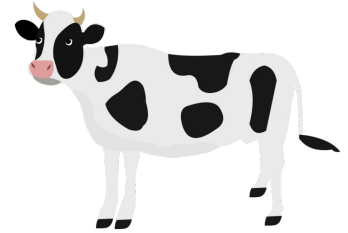
1. Husked
2. Naked

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

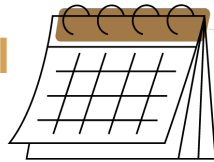
Oats are a **cool season** crop.

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

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



January is National Oatmeal Month!



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



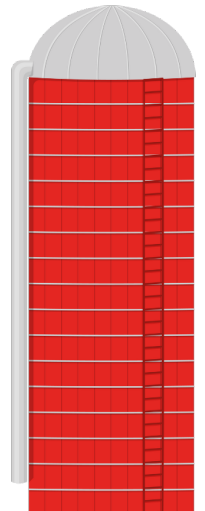
Farmers use a "**combine harvester**" to harvest the oats.

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



Oats are also used to make flour and alternative milk.

Oats are stored in **silos**.



New York

Pumpkins

New York harvests over **76 MILLION pounds** of pumpkins each year.

New York is the **9th largest** pumpkin producing state.

In total, the U.S. produces over **1.5 BILLION** pounds of pumpkins each year.

45+ varieties of pumpkins.

Pumpkin pie is the **most popular** Thanksgiving dessert.



Pumpkins range in color from **red, yellow, green & orange!**



Pumpkins are grown on **EVERY** continent except Antarctica.

500

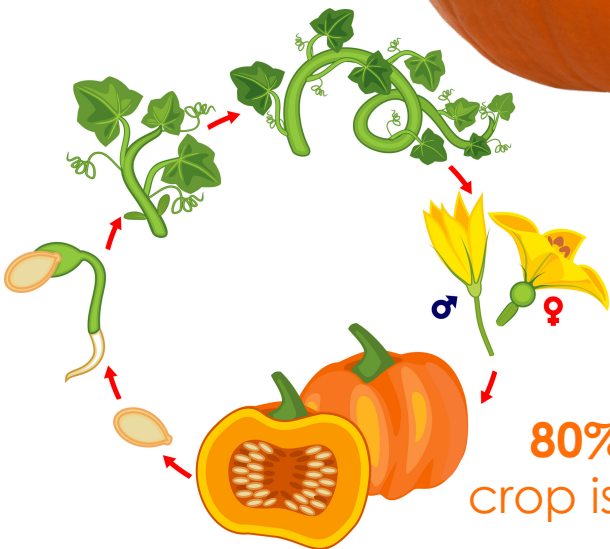
seeds/pumpkin.



Pumpkins are **90%** water.



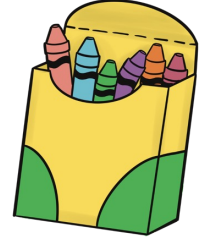
80% of the U.S. pumpkin crop is available in **OCTOBER.**



New York

Soybeans

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

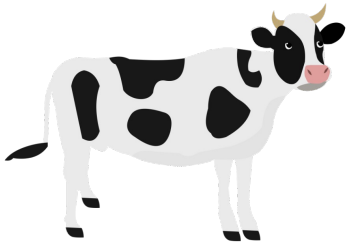


75 MILLION

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.



New York

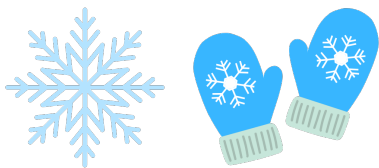
Squash

In total, the U.S. produces over **691 MILLION pounds** of squash each year.

NY is the **3rd largest** squash producing state.

TWO Types of Squash: **WINTER** & **SUMMER**

Examples of winter squash are **pumpkins, acorn & butternut.**



Winter squash has much **harder** skin than summer squash.



Examples of summer squash are **zucchini, yellow & scallop.**

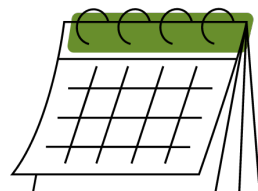
Summer squash grows **faster** than winter squash.

Squash are a **fruit!**



Squash are related to **melons!**

1 acre of land could grow around **11,000** squash!



Winter squash takes **80 - 120 days** to mature after being planted.

New York

Sweet Corn

Only 1% of all corn grown in the U.S. is sweet corn.

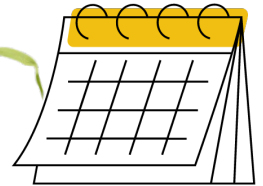
The U.S. is home to around **340,000 acres** of sweet corn.

All 50 states grow sweet corn – find some at your local farmer's market!

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

In many other countries, corn is called "**maize.**"

Only 1% of the corn grown in the U.S. is sweet corn.



Sweet corn is in *peak* season from **May - Sept.**

Corn is considered a **grain, fruit & vegetable.**

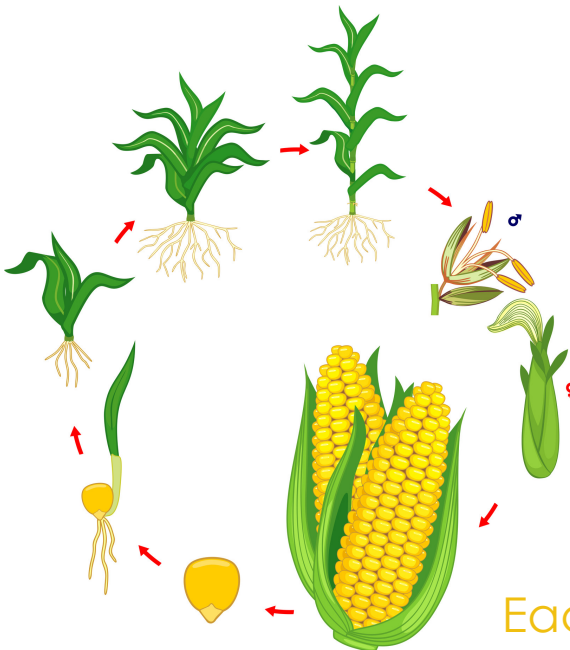


Around **800** kernels on each ear of corn.

Sweet corn is the **ONLY** corn grown for **human** consumption.

Sweet corn is pollinated by the **wind.**

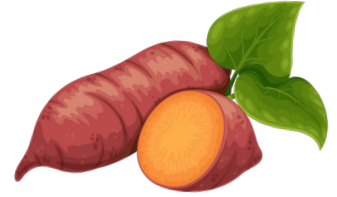
Each stalk produces **1 - 3** ears of corn.



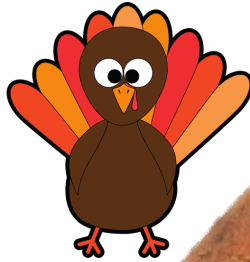
New York

Sweet Potatoes

The U.S. produces **over 2.8 BILLION pounds** of sweet potatoes each year.



Sweet potatoes are a popular **Thanksgiving** side dish.



The U.S. harvests around **156,000 acres** of sweet potatoes each year.

Sweet potatoes are considered a **superfood!**



Sweet potato roots are harvested **90-120** days after planting.



Jewel is the most popular variety of sweet potato.

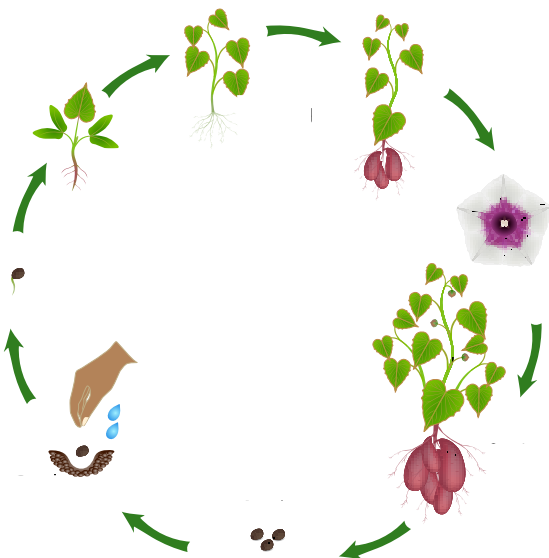
A **root** vegetable.

Sweet potatoes are in season **year-round!**

400+ varieties.

Orange sweet potatoes are the **sweetest.**

Sweet potatoes can be **orange, yellow, red, white** or **purple.**



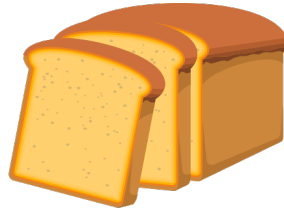
New York

Wheat

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

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



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

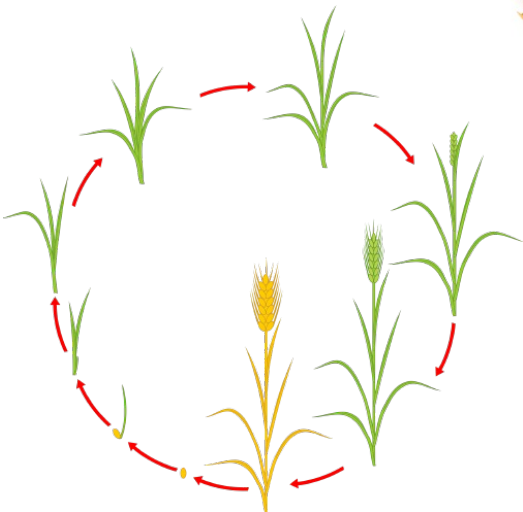
1 bushel of wheat contains around **100,000,000** individual kernels.

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

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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