

Corn in the Classroom

Did You Know?

The Basics

■ Sweet Corn

- ❑ Corn you eat
- ❑ Corn-on-the-cob, canned corn or frozen corn
- ❑ Less than 1% of corn grown in the U.S.



The Basics



■ Popcorn

- ❑ Stores water
- ❑ When heated, the water builds up pressure
- ❑ Explodes into the fluffy white snack we all love



The Basics

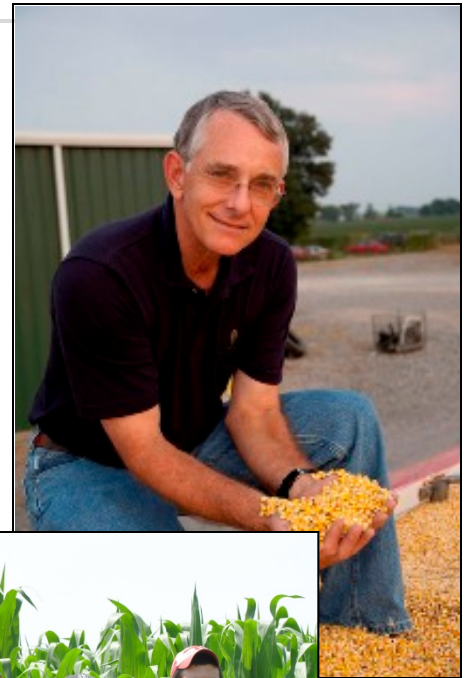
■ Field Corn (dent corn)

- ❑ Hard outer portion - about the thickness of your fingernail
- ❑ Inner portion is soft and floury
- ❑ 99% of corn grown in the U.S.



The Basics

- Most corn farms are owned by families like these



The Basics

- **Missouri grows over 435 million bushels of corn every year on average**
- **One bushel equals 56 lbs.**



The Basics

- Can you guess how many kernels are on one ear of corn?



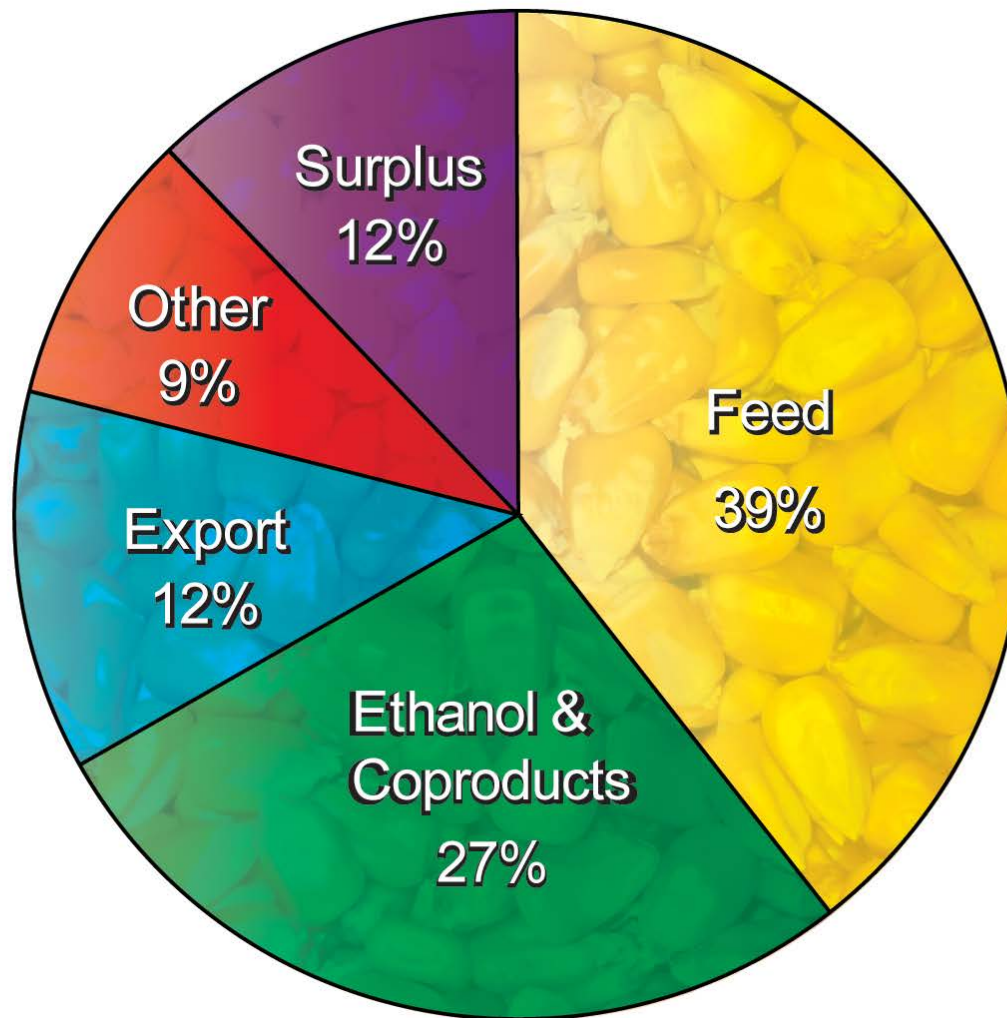
The Basics

- **Answer:**

There are **800 kernels** on an average ear of corn!



Many Uses of Corn



Many Uses of Corn

■ Livestock Feed



Many Uses of Corn

- Ethanol



Many Uses of Corn

■ Exports

Top U.S. Corn Importers

- ❑ Japan
- ❑ Mexico
- ❑ China
- ❑ Venezuela
- ❑ Taiwan
- ❑ Canada
- ❑ South Korea



Many Uses of Corn

■ High Fructose Corn Syrup



Many Uses of Corn

■ Other



Science of Corn

- **Corn needs water to grow**
 - Rain
 - Irrigation
- **Corn also releases water in the air**
 - Transpiration



Science of Corn

- **Sun is important to corn**
 - **Helps make energy**
 - **Helps it to grow big and strong**



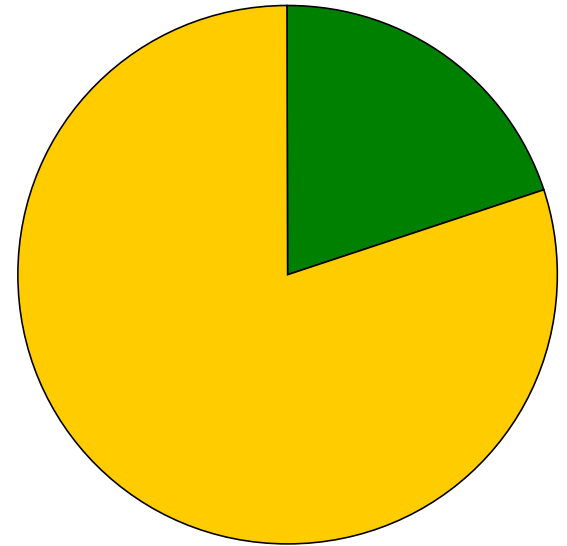
Science of Corn

- **Today farmers grow 5 times as much corn as they did in the 1930s on 20% less land.**

Corn Grown NOW



Corn Grown THEN



For More Information

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