

Agriculture is important to YOU! 2022-2023



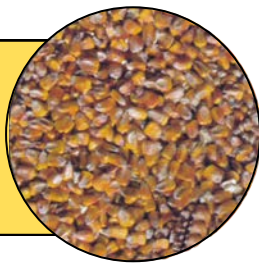
Building Strong Families

Life resources for health, wellness, finances, and positive relationships.

Agriculture is all around us in northcentral Kansas! Wheat is growing in the fields and soon corn and soybeans along with grain sorghum will be planted. Let's focus on the corn crop and how it is important to us!!!

Kernel

The seed which can germinate into a new plant or can be processed to make food and nonedible products such as ethanol or polymer plastics.



Emergence

The first leaf, coleoptile or spike appears above the soil surface following germination. One leaf coming through the soil classifies this plant as a monocot.



Vegetative

Up to 16 leaves grow and conduct photosynthesis to produce food from the sun for the plant.



Silking & Tasseling

The tassel is the male part of the corn plant that contains the pollen. The silk is the hollow hair-like tube that captures the pollen and moves it down to the ovary of the plant. Each silk has the potential to pollinate one kernel of corn on the ear.



Maturity

When field corn is ready to harvest, the seed is fully developed and dried down. The corn plant has died and changed to a golden brown color.



Stages of a corn plant so you can understand how it grows.



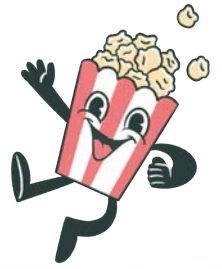
K-State Research and Extension is committed to providing equal opportunity for participation in all programs, services and activities. Accommodations for persons with disabilities may be requested by contacting the event contact at a Post Rock District Office two weeks prior to the start of the event. Requests received after this date will be honored when it is feasible to do so.

Kansas State University Agricultural Experiment Station and Cooperative Extension Service.

K-State Research and Extension is an equal opportunity provider and employer.



DID YOU KNOW?



There are more than **4,200** different uses for corn products.

1 bushel of corn will sweeten more than **400** cans of Coca-Cola!

Some corn can grow over **10** feet high!

1 ton of **paper** uses 28 pounds of **cornstarch**.

CORN Fun Facts

An ear of corn averages **800** kernels in **16** rows.

100 bushel of corn produces approximately **7,280,000** kernels.

1 acre of corn removes **8** tons of harmful greenhouse gases (**more than produced by your car annually.**)

One pound of corn consists of approximately **1,300** kernels.



(785) 282-6823
swick@ksu.edu



POST ROCK EXTENSION DISTRICT
WWW.POSTROCK.KSU.EDU



SANDRA WICK

