

# We Grow Corn!

Seasons on a Kansas Family Farm



KANSAS  
CORN

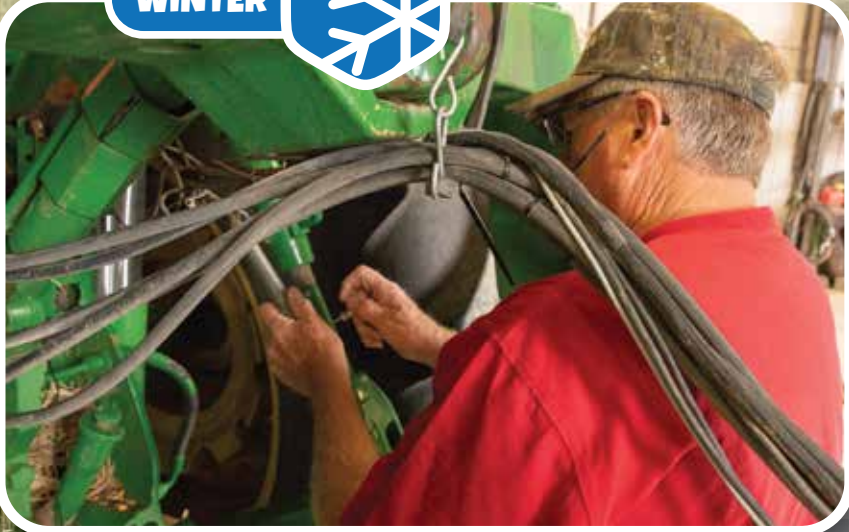


# Farmers Are Busy All Year

## CORN FARMERS ARE BUSY ALL YEAR LONG.

In winter, spring, summer and fall, corn farmers work on their farms to grow their crop.

WINTER



SUMMER



SPRING



FALL





# 4 Seasons

WINTER = PREPARE



SUMMER = PATROL



SPRING = PLANT



FALL = PICK







# Prepare

The winter months are cold, and farmers work to prepare for the year. During the winter months they:

**FIX AND TAKE CARE OF EQUIPMENT ►**



**◀ PLAN FOR THE YEAR**



**◀ HAUL STORED GRAIN**



It is too cold for corn and other plants to grow during the winter in Kansas!





# Prepare

Farmers have a lot of equipment to get ready for the year.



**TRACTOR**



**PLANTER**



**COMBINE**



**TRUCK**

**GRAIN CART**



# Plant

Spring brings warmer weather!  
When the soil is warm enough,  
farmers plant the corn with a planter.



Each kernel is a seed that  
will turn into a corn plant.



The soil is 50 degrees.  
It's time to plant corn!



When it is too warm for you  
to wear a winter coat, it is  
almost time to plant corn!







# Plant

## LOOK AT ALL THOSE ROWS!

Which is faster: planting corn with your hands or with a planter?

A planter puts thousands of seeds in the ground. Each row is the same distance apart.



## 6 INCHES BETWEEN SEEDS



Farmers leave six inches between each seed. The plants need room to grow. The seeds are covered with pink dust to keep the bugs away.



Corn starts as a sprout from a single seed, also called a kernel. The plant produces its own ear with about 800 kernels. One kernel turns into 800 kernels.







## Patrol

In the summer, the corn grows quickly! Farmers patrol the corn fields to watch for weeds, insects, diseases, or dryness that may damage their crop.



## SPRAYER TO THE RESCUE!

When the corn needs help, the sprayer can get rid of bugs and weeds. This is like the bug spray your family uses at home to keep the bugs away.







Patrol

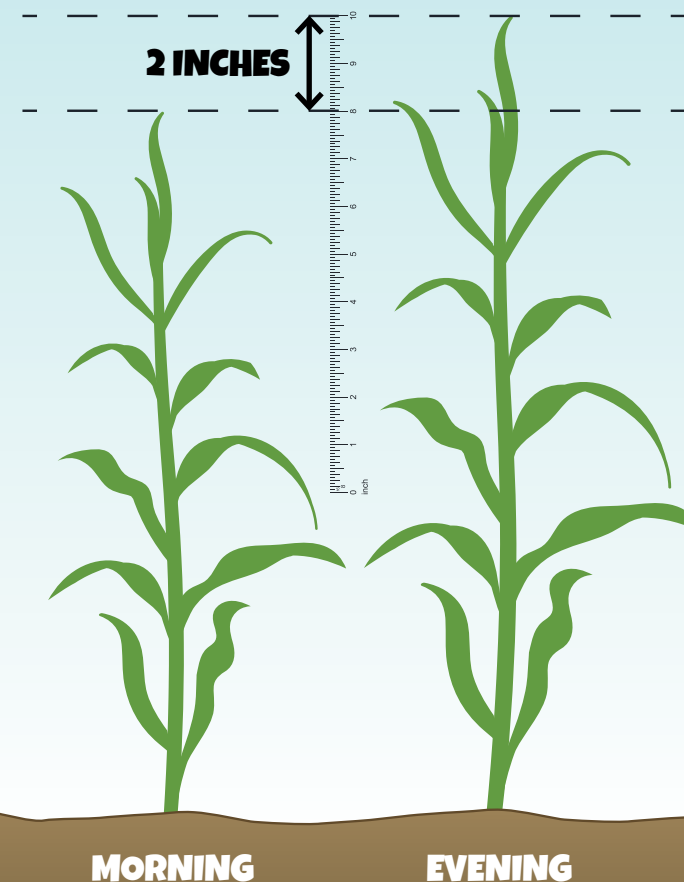


Corn needs water. Most corn grows with water from rain. Some farmers can use sprinklers to water their corn to help it grow.



### **CORN GROWS VERY QUICKLY!**

A corn plant can grow over two inches in a day!







# Pick

In the fall, the corn plant is brown and the ears of corn are dry. The farmers use a combine to harvest the corn.



**THE KERNELS STAY IN THE COMBINE**



**THE COMBINE'S HEADER PICKS THE CORN PLANT**



**THE REST OF THE PLANT RETURNS TO THE FIELD**





# Pick

Farmers need a lot of help during harvest. The combine driver dumps the corn into a grain cart. The grain cart dumps the corn into a truck. The truck hauls the corn to a bin where it is stored.

1



**COMBINE TO GRAIN CART**

2



**GRAIN CART TO TRUCK**

3



**TRUCK TO GRAIN BIN**



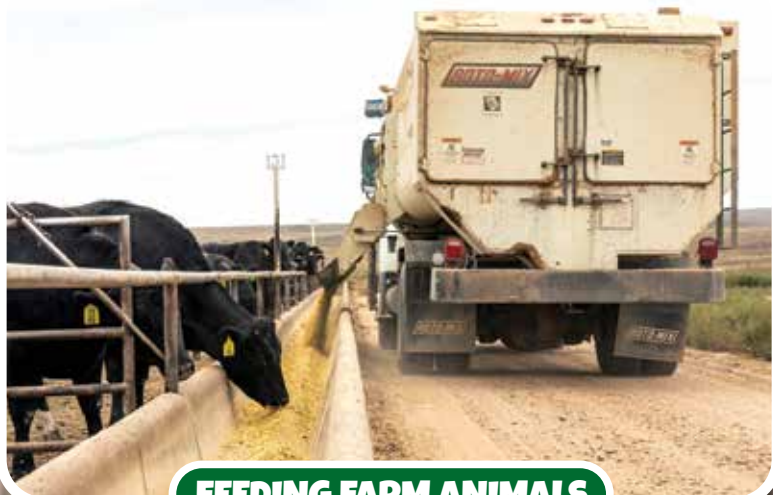




## Purpose

Corn has many purposes! Most farmers grow dent corn, also called field corn. It is used to make feed for animals and fuel for cars.

Four types of corn are: dent corn, sweet corn, Indian corn and popcorn.



**FEEDING FARM ANIMALS**



**DENT CORN**



**SWEET CORN**



**INDIAN CORN**



**FUEL FOR CARS**



**POPCORN**





# Purpose

**TOOTHPASTE**



Dent corn is used to make thousands of products!

**CEREAL**



**HAMBURGER**



**SOFT DRINK**



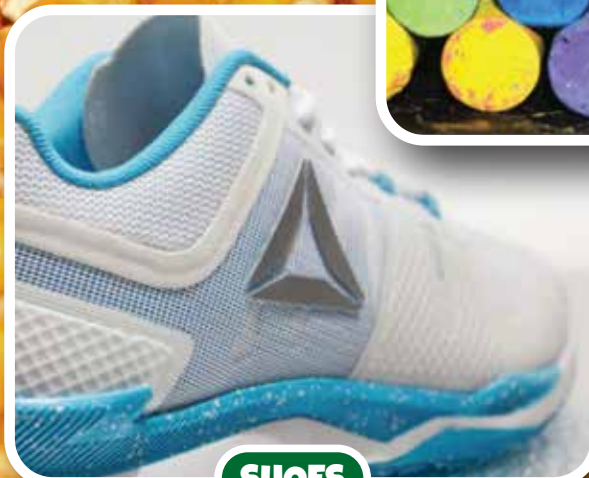
**CHALK**



**CRAYONS**



**SHOES**







# Purpose

Corn farmers are busy winter, spring, summer and fall. They work to grow corn for you!

Corn is grown and harvested mainly for:



FUEL FOR CARS



FEEDING FARM ANIMALS



WINTER



SPRING



FALL



SUMMER





# We Grow Corn!

## Seasons on a Kansas Family Farm



A project of the Kansas Corn Commission to support  
STEM education in our Kansas classrooms.  
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more at: [kansascornstem.com](http://kansascornstem.com)

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