

A Corny History

Corn is a native plant of the Americas and has been grown for food and other uses for thousands of years.



CORN is AMAIZEING



Oh, How it Grows!

It takes a corn plant between 3 and 4 months to grow and mature. Most field corn is planted in the spring and harvested in the early fall.



Did you know that corn is a type of grain? The seeds are made of starch, protein, oil and fiber.

TYPES OF CORN



FIELD CORN or "dent" corn is the most abundant type of corn grown.



POPCORN is a special type of corn that explodes when heated because of the moisture inside.



SWEET CORN is the type enjoyed while the seeds are still moist. It is harvested much earlier than field corn.



Livestock

Corn is an important feed for animals like chickens, cows, pigs, goats and sheep.



Fuel Ethanol

The starch in corn kernels can be distilled into alcohol and used for fuel. It is most often blended with gasoline to reduce harmful emissions and boost octane.

Food

Many foods are made with corn or contain corn-based ingredients. Just look on the nutrition label.



Did You Know?
A box of corn flakes contains less than 10 cents worth of corn. Most of the cost for food comes from energy, labor and marketing.



Corn needs soil, light, water and carbon dioxide to grow.



A combine harvests field corn.



Corn is then transported to the markets that need it.



A kernel of corn is made up of several useful materials:

starch
protein & fiber
oil

Corn can be used whole for food, or its components can be separated for use in thousands of products we use every day!



corn starch

CORN

is AMAIZEING



More uses than you ever imagined!

- | | | |
|----------------------------|------------------------|-----------------------|
| abrasive papers | desserts | paints |
| adhesives | detergents | paperboard |
| alcoholic beverages | disinfectants | paper products |
| antibiotics | dry cell batteries | peanut butter |
| aspirin | dust adsorbant | pet foods |
| baby foods | dyes | plastics |
| bakery products | ethanol fuel | plastic molding |
| baking mixes | explosives | plywood |
| baking powder | fiberglass | powdered sugar |
| beverages | fillers & caulks | prepared egg products |
| book binding | fireworks | printing inks |
| briquettes | flavor enhancers | puddings |
| candies | floor wax | rayon |
| candles | food packaging | rubber tires |
| canned fruits & vegetables | frostings & icings | rust preventatives |
| carpeting | fruit jams & preserves | salad dressings |
| ceiling tiles | fuel octane enhancers | sandpaper |
| ceramics | industrial alcohols | shoe polish |
| cereals | insulation | soft drinks |
| chalk | labels | solvents |
| chewing gum | leather products | soaps |
| chocolate drinks | linoleum | snack foods |
| cleaning compounds | liquid spill recovery | surgical dressings |
| coffee whiteners | liquid thickener | textiles |
| composite binders | lubricating agents | theatrical makeup |
| condiments | margarine | vitamin carriers |
| confections | meat products | wallboard |
| cooking oil | medicinal syrups | wallpaper |
| cord sizing & polishing | metal plating | wallpaper paste |
| cork products | molded plastics | water treatment |
| cosmetics | oilcloth | well drilling mud |
| crayons | ore refining | yeast production |



Corn is measured in bushels.
One bushel of shelled* corn weighs about 56 pounds.

*shelled means "off the cob"

One Bushel of Corn Can Provide:

31.5 pounds of starch

- or -

33 pounds of sweetener

- or -

2.8 gallons of ethanol

- or -

22.4 pounds of polymer

PLA for fiber or molded plastics