

AGRICULTURE ADVENTURES FOR FAMILIES



The Chicago Auto Show takes place this month at McCormick Place. The show runs from February 11th thru the 20th. Did you know that the Chicago Auto Show is the largest auto show in North America? It has been held more times than any other auto exposition on the continent.

The show dates back all the way to 1901 when Chicago played host to its first auto show. It was held at the Chicago Coliseum where visitors paid 50 cents to see the latest fill the ground floor of the exhibit hall. The Coliseum, however, would hold its final Chicago show in 1935. The next year, the International Amphitheatre hosted the auto show. In 1942, Chicago was among the many auto shows that would go into hiatus due to the country's involvement in World War II but it resumed in 1950. In 1961, the Show would move to McCormick Place. Back then, it was 300,000 square feet in space and held 400 cars on its show floor. Over the years, Chicago would grow to become the biggest auto show space in the country, yielding the largest consumer auto show attendance in North America.



Source: Randystern.net

What is the connection between cars & agriculture?



Then... George Washington Carver convinced farmers in the south to plant peanuts as an alternative to cotton and helped revitalize the area's agriculture and became one of the most respected and influential scientists in the country.

He is also known for his efforts in discovering that soybeans were a valuable source of protein and oil. Like Carver, Ford was very interested in soil science and the potential of alternative crops like peanuts and soybeans to produce plastics, paint, fuel and other products for cars. The protein from the soybeans under heat was made into hard plastic parts for Ford's cars. By 1935 Mr. Ford was using one bushel of beans for every car he manufactured. Ford and Carver developed a deep respect for each other and that led to collaborative efforts in scientific and technological advancement for both the agricultural and automobile industries.



Now...

Ford Motor Company introduced the industry's first soy-based foam in seat cushions and seat backs over a decade ago. Today, renewable materials based on natural fibers are used to reinforce plastic in all Ford vehicles. Using fibers from sustainable grown trees, wheat-straw reinforced plastic and flax fiber, Ford has been able to make many parts for their cars. Currently, they are focusing on ways to use the waste from existing crop productions to make even more parts for their vehicles.

Source: Minnesota Ag in the Classroom & Corporate.Ford.com

Henry Ford's Model T

The Model T was an automobile built by the Ford Motor Company from 1908 until 1927. Conceived by Henry Ford as practical, affordable transportation for the common man, it quickly became prized for its low cost, durability, versatility, and ease of maintenance.

Henry Ford used agriculture in the innovation of his cars. The Model T was intended to be "a farmer's car" that served the transportation needs of a nation of farmers. Its popularity was bound to wane as the country urbanized and as rural regions got out of the mud with passage of the 1916 Federal Aid Road Act and the 1921 Federal Highway Act. Moreover, the Model T remained basically unchanged long after it was technologically obsolete. Model T owners began to trade up to larger, faster, smoother riding, more stylish cars. Lots of Model T Ford cars were converted into trucks, often by using aftermarket kits that provided extended frames and heavier duty rear ends.

It didn't take long for inventors and tinkers to see the possibilities of adapting the car into a more or less serviceable farm engine for pulling the horse-drawn implements that every farmer then had, even though some experts said the Ford was entirely unsuitable. That didn't stop them, however!



Source: History.com

Renewable materials used in automobile production includes:



Auto Word Search

Y H L N A T C B W U G O J R K
 S V Z U R I V H R E Y S E W N
 T S D H T A E B L R X C A H R
 O P Q S R A Y I S A Y Q N C F
 Y F A X T E B O R C Z E S L J
 Y L E Z M O N Q L C I W Y H J
 P C G N M O Q E T E I T A Y O
 M O K O I Z D A W H B B B A S
 O F T X G F N E R A X G L U T
 Z U X W D A J K L L B I I T U
 A K D J D F C D L T B L N O N
 C A R V E R J I P H W F E S A
 S N A E B Y O S H L Q I R H E
 W B F R Z S N N N C B Y Z O P
 M A T E R I A L S E L W B W O
 T B P A H U R D B J N A F R P
 F S B V Q K N H X Y C A T Q L
 Z Z U U P G X C E M S I S J T
 G C D A E J L Y F H V M P F D
 D R O F U J B F S G V C V S Y

Auto Show
 Automobile
 Car
 Carver
 Chicago
 Ford
 Jeans
 Materials

Model T
 Peanuts
 Plastic
 Recycled
 Renewable
 Soybeans
 Wheat
 Yarn

Name: _____

Phone #: _____

Membership #: _____
 (Membership # is located on front of paper)

If you were to win, check your preference:

___ Beggar's Pizza GC ___ HRI GC ___ 2 Movie Tix

(If a choice is not made, movie tickets will be sent)

Deadline is the 20th of each month.

Choose your prize: Choices include a \$25 Beggar's Pizza Gift Card, a \$25 Home Run Inn Gift Card, OR *AMC Movie Tickets (2 Green tix) *AMC Green tickets can be used for any movie except those that are distributed by The Walt Disney Company, which include: Disney, Pixar, Marvel and Lucasfilm, Ltd.

Complete the Word Search puzzle for your chance to win! Winners will be contacted by mail.

Mail to: Cook Co. Farm Bureau
 Ag Adventures Word Search
 6438 Joliet Rd
 Countryside, IL 60525
 Fax to: (708)579-6056
 Email to: membership@cookcfb.org

Complete and submit an entry every month all in 2017 and your name is automatically entered into an "End of Year" drawing for a gift basket full of ag themed goodies.



Carlos Perez

Congratulations for being last month's word search winner!