


Agriculture Adventures for Families


This month you will start to see many machines in the fields as farmers start to plant their crops. While we may use smaller tools and machines for our home gardens such as hoes, spades, spreaders and mowers, farmers who have larger stretches of land rely on specialized machines to help them get their seeds planted over many acres of land. Just how big is an acre? About the size of a football field or 43,560 sq. feet. You will even be able to bid on a tractor/combine ride at our Fundraiser this July 22nd and see how the farmers harvest the crops they planted this month.

Farmers use lots of different equipment to get the job done.




Tractor

This is one of the most important pieces of equipment that a farmer has. They use it to pull equipment and crop wagons. The equipment company makes the cabs of these very comfortable, too. The farmer picks the tractor size based on what they want to pull with it.




Drone

Drones continue to change agriculture. They can quickly survey large stretches of farmland, provide maps of the land, report on crop health, improve spraying accuracy, monitor livestock, provide irrigation and much more as a part of more precise agriculture management. Some drones are even being developed for aerial planting which involves the use of drones to plant seeds pods in the soil so that planting can be done remotely or automatically.




Baler

This is pulled by the tractor and used to make bales out of crops like hay. It makes a round/square bale that is 4'x4' tall. Each bale will feed about 25 cows a day.




Combine

This is used to harvest all kinds of crops. It does more than one thing--like pick and clean the crop. Modern combines can cost several hundred thousand dollars, which is why many farmers share them.



Row Planter

The containers at the top hold the seeds to be planted. This is pulled across the field that the farmer wants to plant. Today's planters can plan up to 48 rows at once.



Seed Drill

This is pulled by a tractor. It is used to plant grains and vegetable seeds. This can make different kinds of ditches that the seeds go in depending on what kind of soil there is.



AG-venture with Corn!!

Match the supply chain step with its explanation.

A. Pollination

B. Transportation

C. Harvesting

D. Planting

E. Storing

F. Processing

G. Maturing

1. Farmers use machines called combines to separate the kernels from the ears.

2. Pollen from the tassel lands on the silks of the ear to eventually form the kernels.



3. A tractor pulls a piece of machinery that drops kernels into the ground.

4. Corn is loaded on semi-trucks, trains, and barges and taken all over the U.S. and the world.

5. After 120 days, the corn is ready for harvest.

6. After the corn is harvested, it is taken to a grain elevator where it is prepared for sale.

7. The corn is used for many products, including food, fuel, and animal feed.



Source: Ag in the Classroom and <https://beyondthebarndoor.files.wordpress.com/2021/08/agventure-with-corn.pdf>

Answers: A-2, B-4, C-1, D-3, E-6, F-7, G-5

May Word Search

Acre

Baler

Combine

Corn

Crops

Drone

Farm

Field

Grains

Harvest

Hay

Row Planter

Seed Drill

Soil

Tractor

Vegetables

Name: _____

Phone #: _____

Membership #: _____

(Membership # is located on front of paper)

If you were to win, check your preference:
____Beggar's Pizza GC ____HRI GC ____3 Movie Tix
(If a choice is not made, movie tickets will be sent)

Deadline is the 20th of each month.

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

Choose your prize:

Choices include a \$25 Beggar's Pizza Gift Card, a \$25 Home Run Inn Gift Card, OR *3 AMC Movie Tickets *AMC Yellow tickets not valid in California, New York & New Jersey .

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: FBcooperator@gmail.com

Complete and submit an entry every month all in 2022 and your name is automatically entered into an "End of Year" drawing for a gift basket full of ag themed goodies.

Good luck!

Last Month's Word Search Winner Is..

 **Robert Fox**