



# Agriculture. Forever Branded

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4-H STEM

# Agriculture- Forever Branded

## OVERVIEW

Wow, agriculture is in every aspect of our lives! That's crazy from the clothes we wear, the food we eat and even more is related to agriculture. Find out how important agriculture is in everyday life and some of the surprising things that are made from animal byproducts. See the advances in technology that we have made within the agriculture industry and will continue to advance into the future. Cinch on down and hang on to your hats because it's about to be a wild ride.



As defined by Websters Dictionary, "Agriculture is the science, art, or practice of cultivating the soil, producing crops, and raising livestock and in varying degrees the preparation and marketing of the resulting products."

[A Greener World](#) defines animal byproducts as " parts of a harvested animal that are not directly consumed by humans. This includes fat, bones, hides and gelatin."

Animal byproducts include: wool, hairbrush (bristles), baseball mitt, down feather pillow, and rabbit fur earmuffs



# SNACK

## MATERIALS NEEDED

- Popcorn
- Small zip-close bag
- String or twine
- Tape
- Green paper/tissue paper, precut in half to form a triangle



## STEPS

Step 1: Pop your popcorn!

Step 2: Fill a small zip-close bag 1/2 of the way full with popcorn. Turn it on its side, hotdog style (Vertical), and tape the sealable end behind the bag, leaving some loose room for air.

Step 3: Push your popcorn to the top of the folded bag. Make sure the bottom of the bag has no popcorn in it. Twist the bottom of the bag. Pinch this part and then tape the tail (the twisted part) behind the front of the bag.

Step 3: Now it is time to put your corn in its husk. Wrap the two bottom points of the triangle around the bag, with the twisted end at the bottom of your husk. Tape your green triangle to make sure that it is secure.

Step 4: Tighten the bottom of your husk with a piece of string or twine.

Step 5: Enjoy!

**Civic Engagement: Color the coloring sheet found on the next page and write 2-3 facts about agriculture on the back. Then give it to a neighbor, friend or parent and share your knowledge about agriculture.**

Resources: [A Greener World](#), [American Farm Bureau Foundation for Agriculture](#), [The Future of Farming Youtube Video](#), and [Using Sensors to Spoon Feed Crops with Extreme Precision Youtube Video](#).

