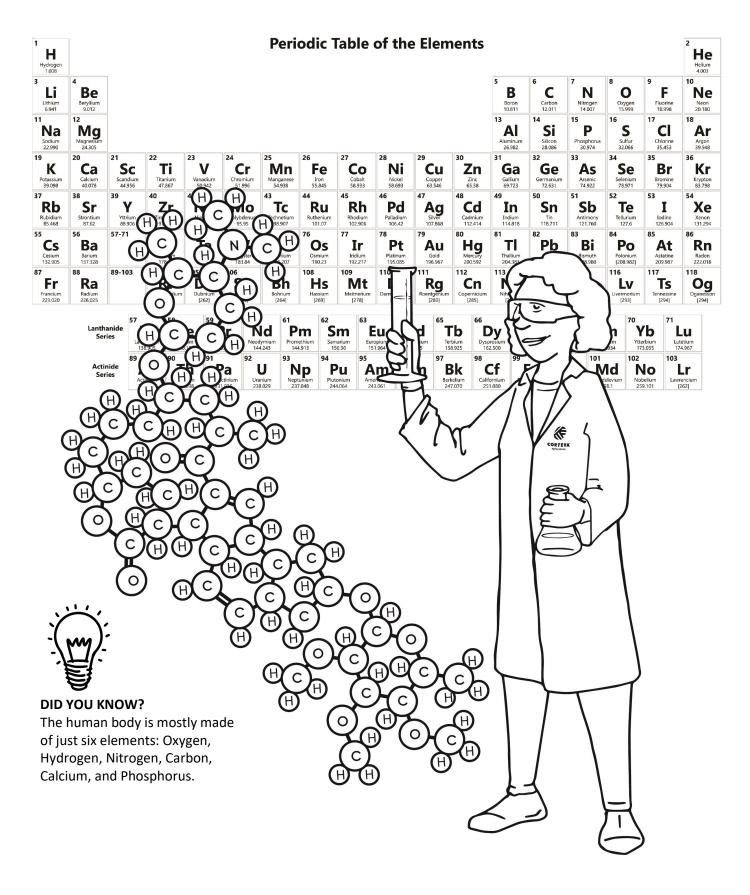
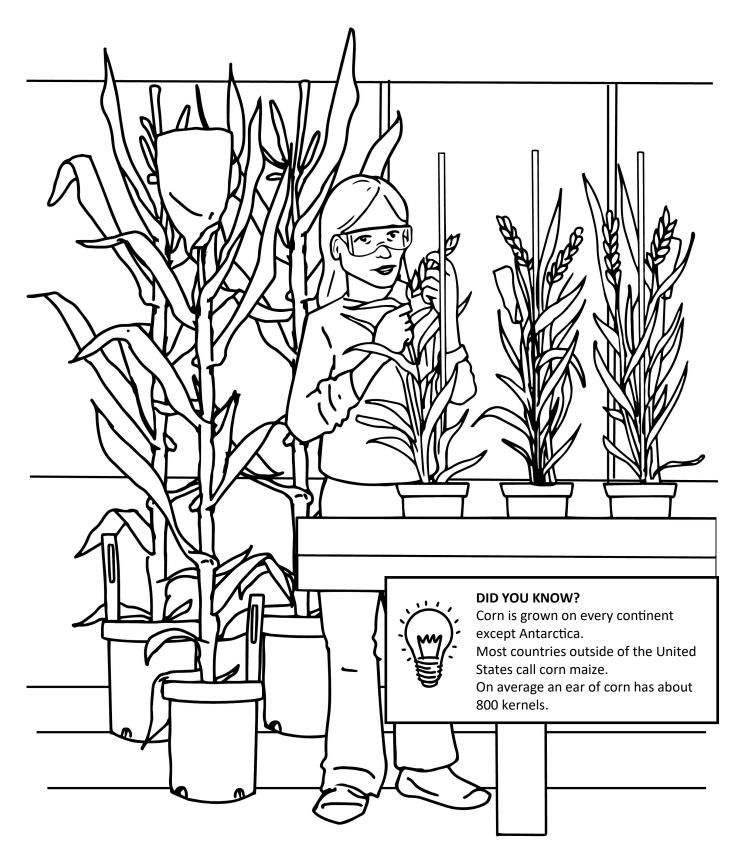


Scientists work with machines and robots to determine the DNA profile of plants to help select those with the best genetics.



Scientists study chemistry and work with molecules to develop new products to protect crops from diseases, pests, and weeds.

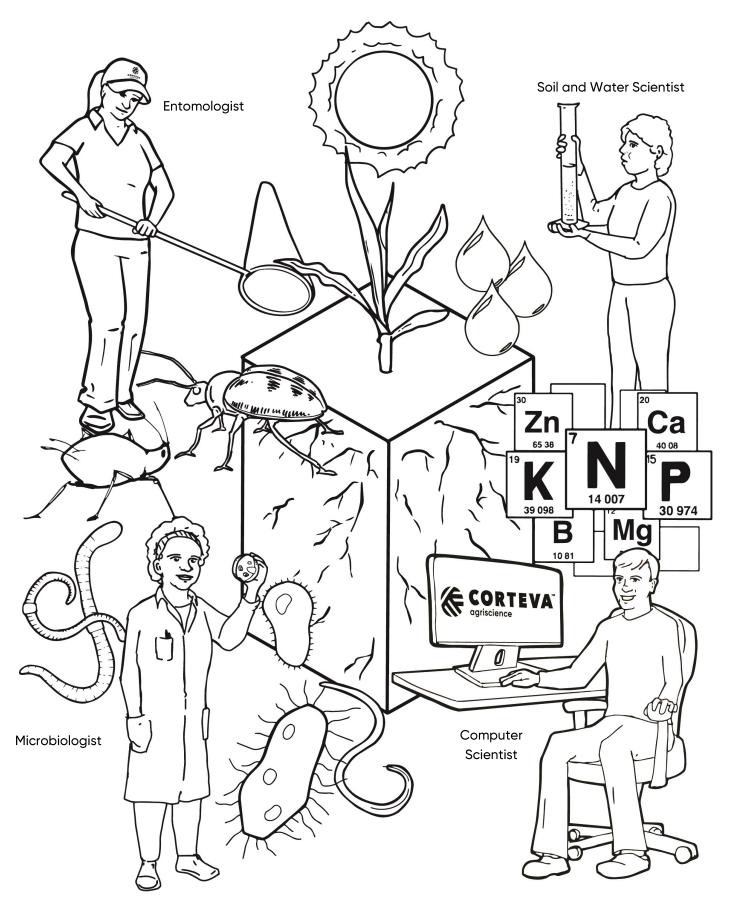


Scientists work in greenhouses to develop crops with the best genetics. This scientist is examining pots with wheat plants. What kind of crop are the tall plants behind her? Notice the bag on the top of the plant. That is to collect pollen, to control pollination with other plants.

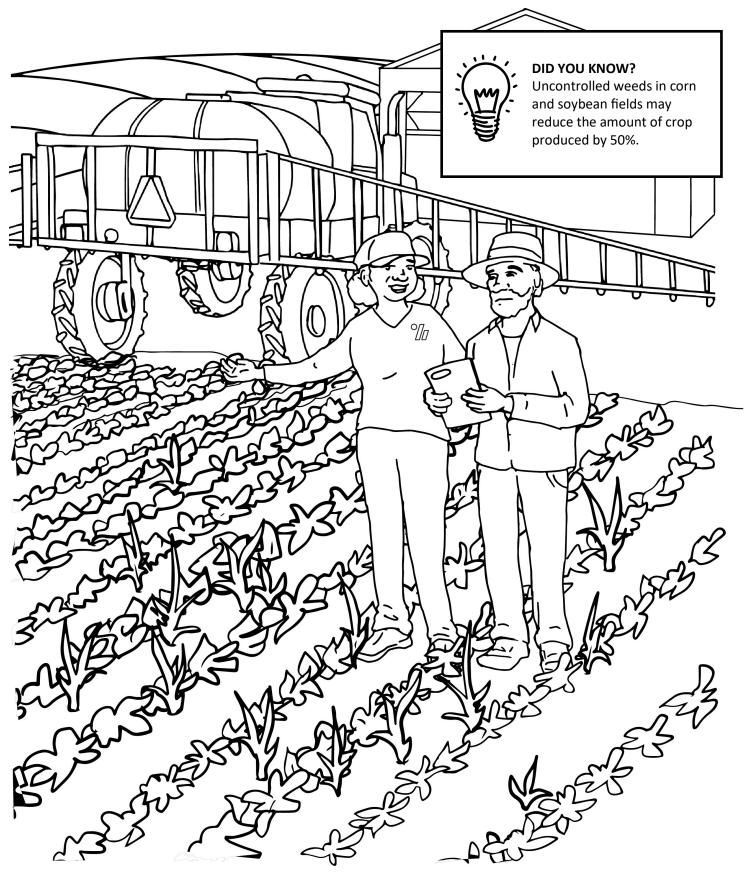
Answer: Corn



Chemists work together using many tools and approaches to create chemical compounds to help keep plants healthy and reduce impact to the environment.

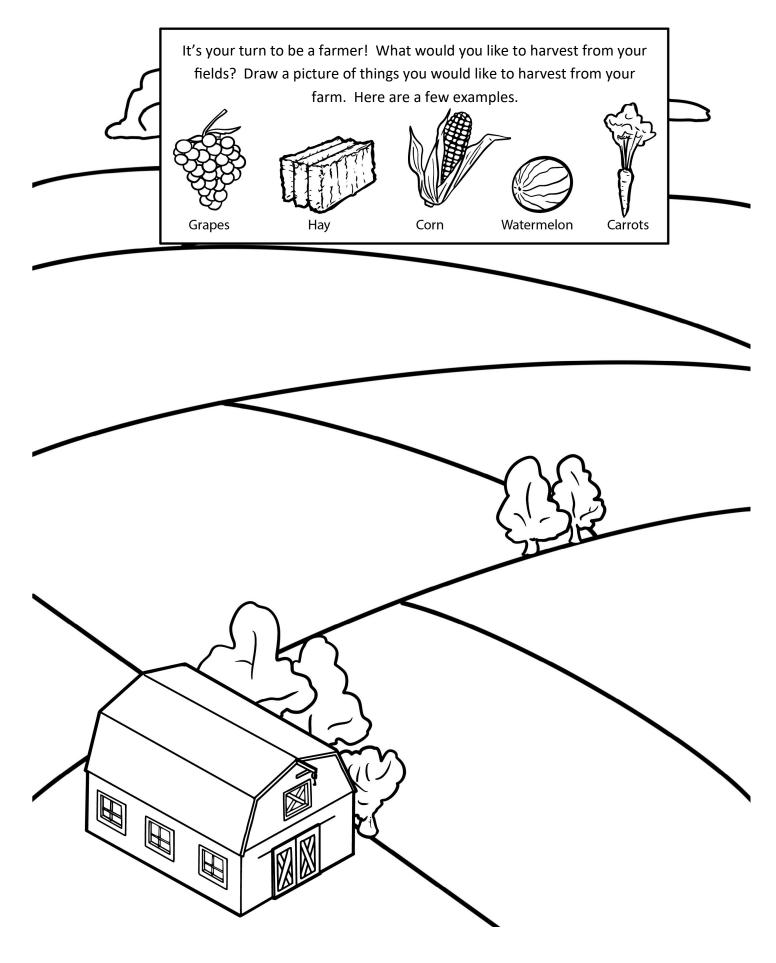


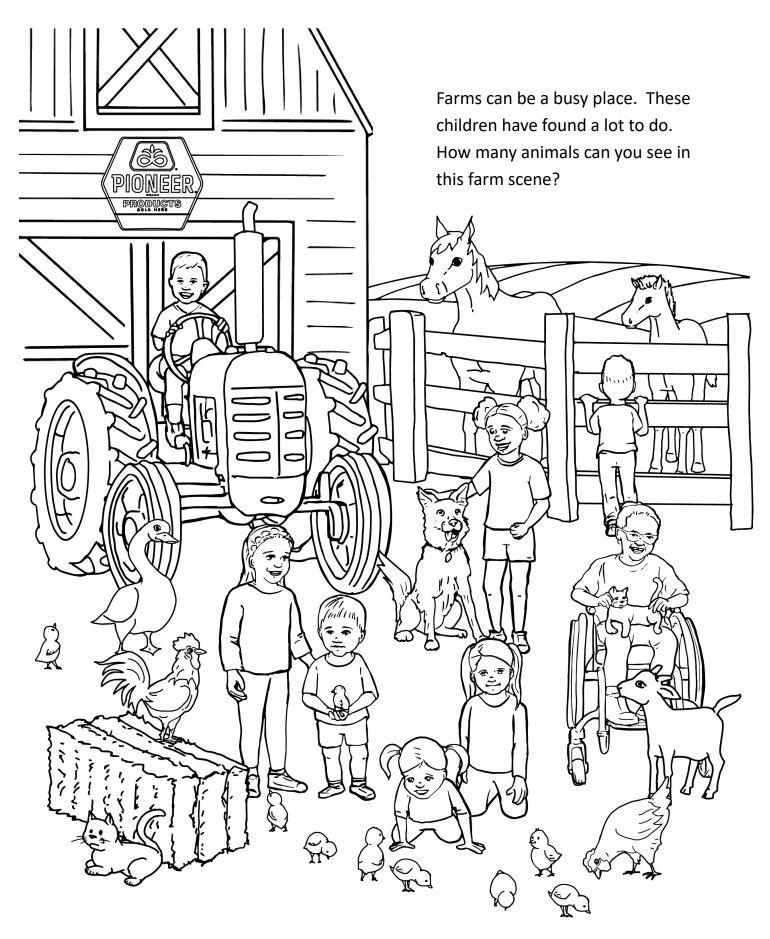
Healthy plants are important in agriculture. Scientists are trained in many different subjects to help plants grow; these are just a few examples.



Farmers must protect their crops from pests including insects, weeds and diseases.

Can you find the weeds growing in the field among the crop plants?





Answer: 9 baby chickens, 1 hen, 1 rooster, 2 cats, 1 goat, 1 dog, 1 goose, 2 horses, and 8 children

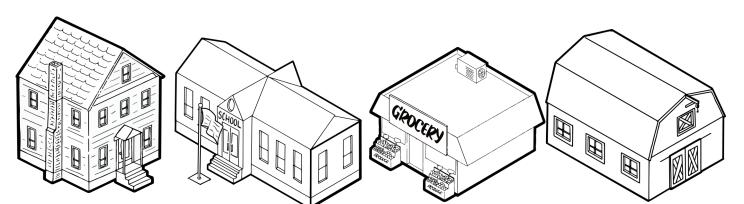


Many products you use everyday are made from crops like corn and soybeans. See if you can guess which products use corn or soybean, or both. Do you have any of these products in your own home?

#	Item	Corn	Soy
1	Canned Corn		
2	Taco Shells		
3	Candy		
4	Soy Sauce		
5	Margarine		
6	Popcorn		
7	Medicine		
8	Lactose-free milk		
9	Paint		
10	Soda		
11	Textiles		
12	Cooking Oil		
13	Adhesives		
14	Crayons		
15	Candles		
16	Fuel		
17	Animal Feed		
18	Cosmetics		
19	Soap		

S-6T 'S/J-8T 'S/J-2T 'S/J-9T 'S-ST 8-2' 3-2' 10-C' 11-C/2' 15-C/2' 13-C/2' 14-2' Answers: 1-C, 2-C, 3-C, 4-S, 5-S, 6-C, 7-C/S,

Many people are part of the process to deliver food from a farm to your home. Use the space below to write a thank you note to someone who helps provide food to you. This could be a parent, a school cafeteria worker, someone at the local grocery store, or a farmer.



Thank You !

Corteva Agriscience works to protect and preserve our global food supply, focuses on sustainability, and helps communities thrive. Our purpose statement refers to ". . . ensuring progress for generations to come." We hope this coloring book, created in collaboration with the Women's Inclusion Network, the Disability Awareness Network and Corteva Grows Science Outreach, shares a glimpse of the science of agriculture from the chemistry and genetics to farms and your home.

You can also access the previous versions of the *Adventures in Agriculture* coloring book by clicking on the QR code below.







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