

GROW WITH AGRICULTURE



Cap Classroom Agriculture Program

Ag for Life



What is agriculture?



The practice of cultivating land and livestock

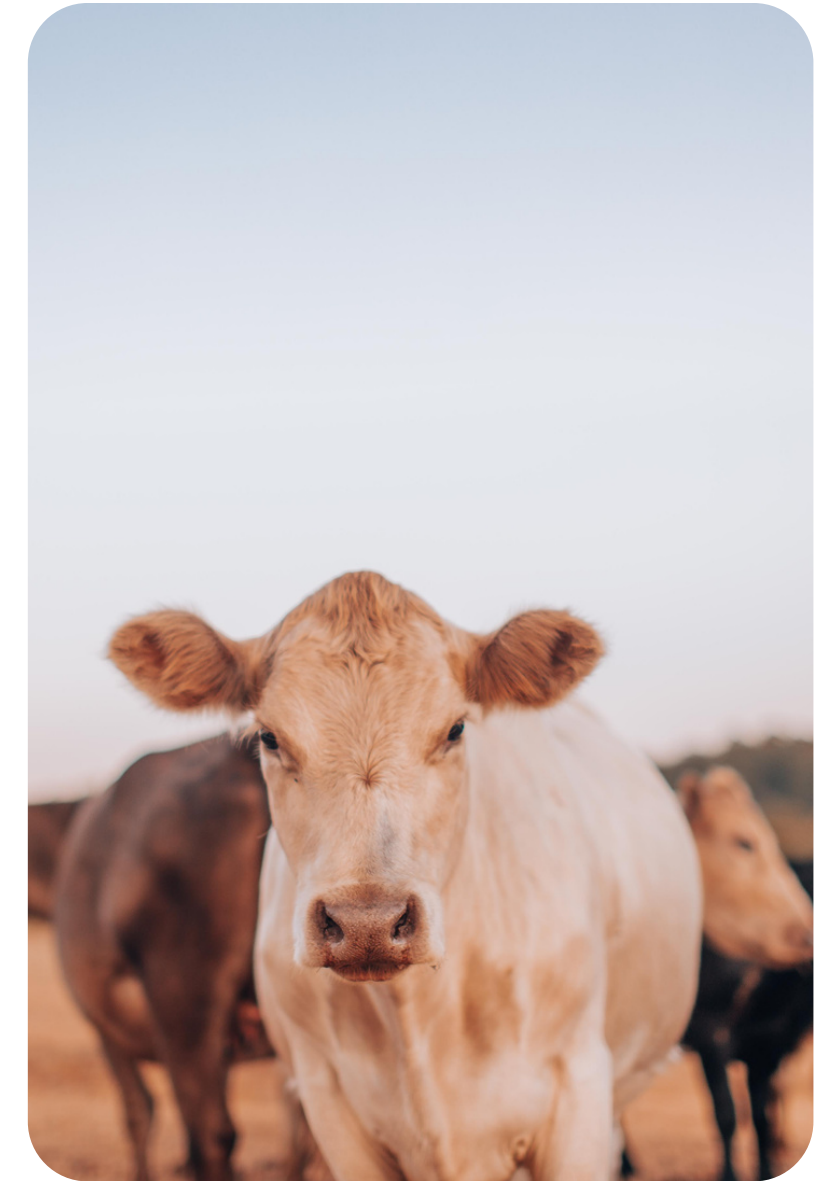


Crop

A crop is a plant or plant product that can be grown and harvested for food, fuel or fibre.

Soil

Soil is vital to life on the Planet – it is capable of supporting plant and tree life by providing them with nutrients, water and minerals. It is home to millions of insects, bacteria and small animals.
We need healthy soil to grow food.



Livestock

Livestock are animals raised on a farm or ranch to produce diversified products for consumption such as meat, eggs, milk, and fibre for clothing.



Fun Facts

Did You Know?



Agriculture in Alberta

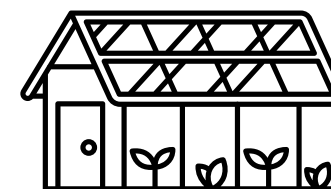
How Many Farms?

Alberta has over 41,000 farms! Alberta farmers grow crops and livestock for people all over the world.



Top 5 Countries who Import (buy) our Products

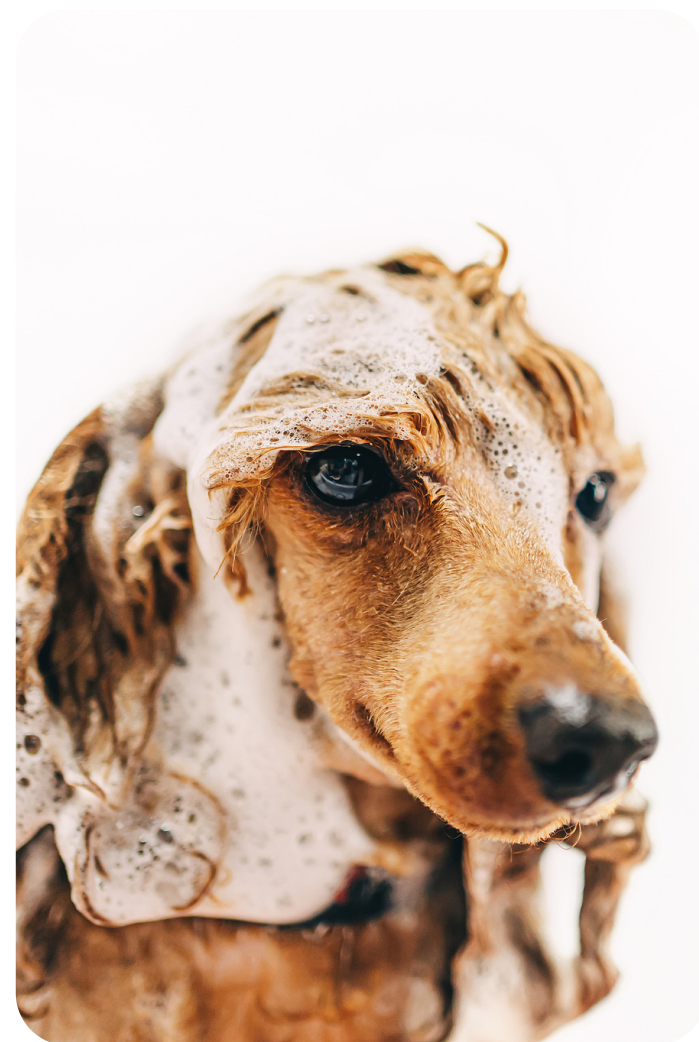
United States, China, Japan, Mexico and South Korea.



Urban Agriculture

Food can be grown in the city and in the country.
Who has a garden?



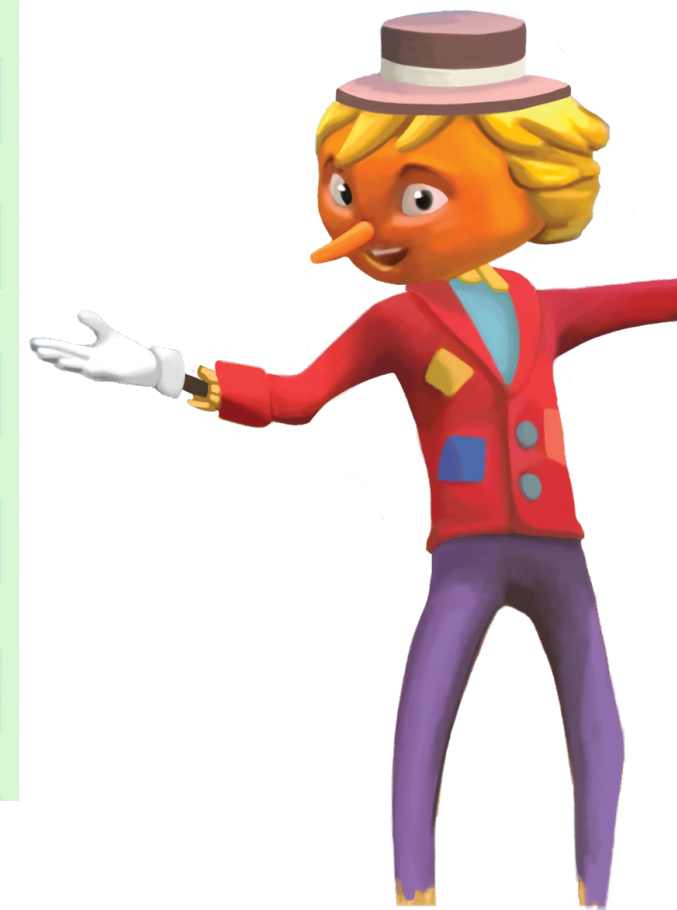
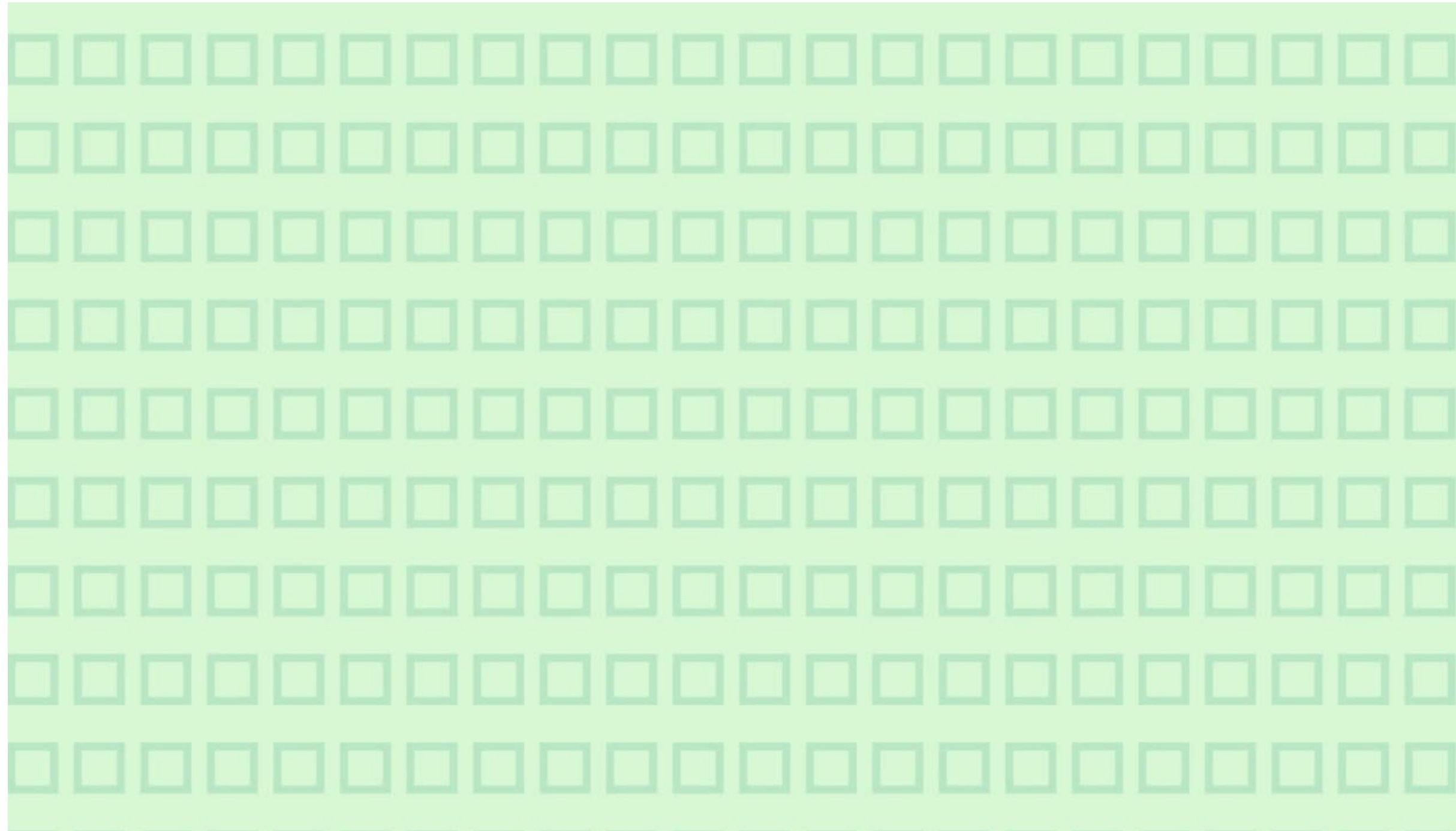


What comes from a farm?





Our Earth



TRUE



OR

FALSE

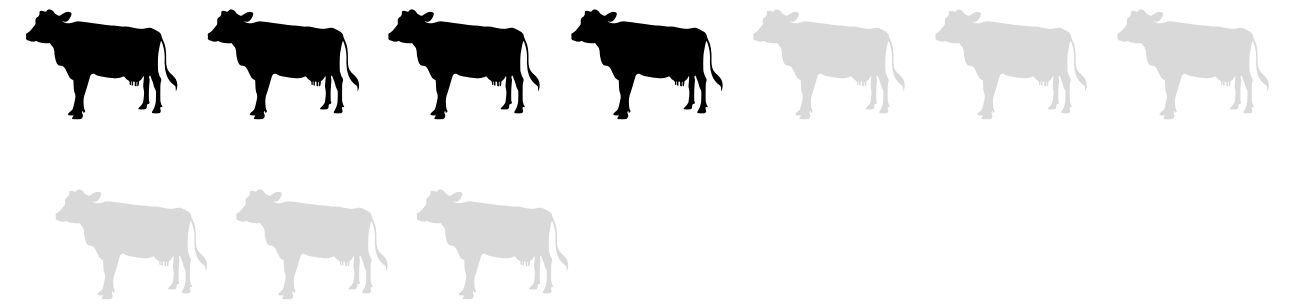


Alberta has the most cows of any province in Canada?

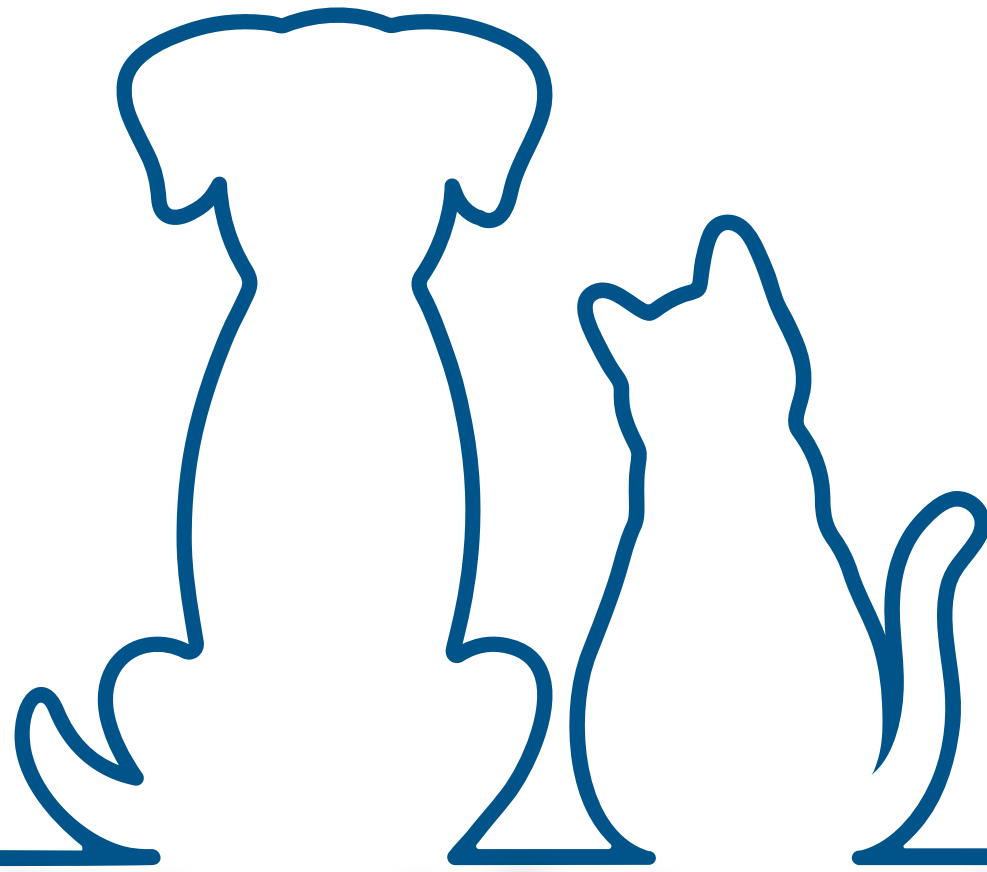


Alberta has 41.6% of the cattle in Canada.

42%



I  **COWS**



Vets only treat Cats and Dogs?



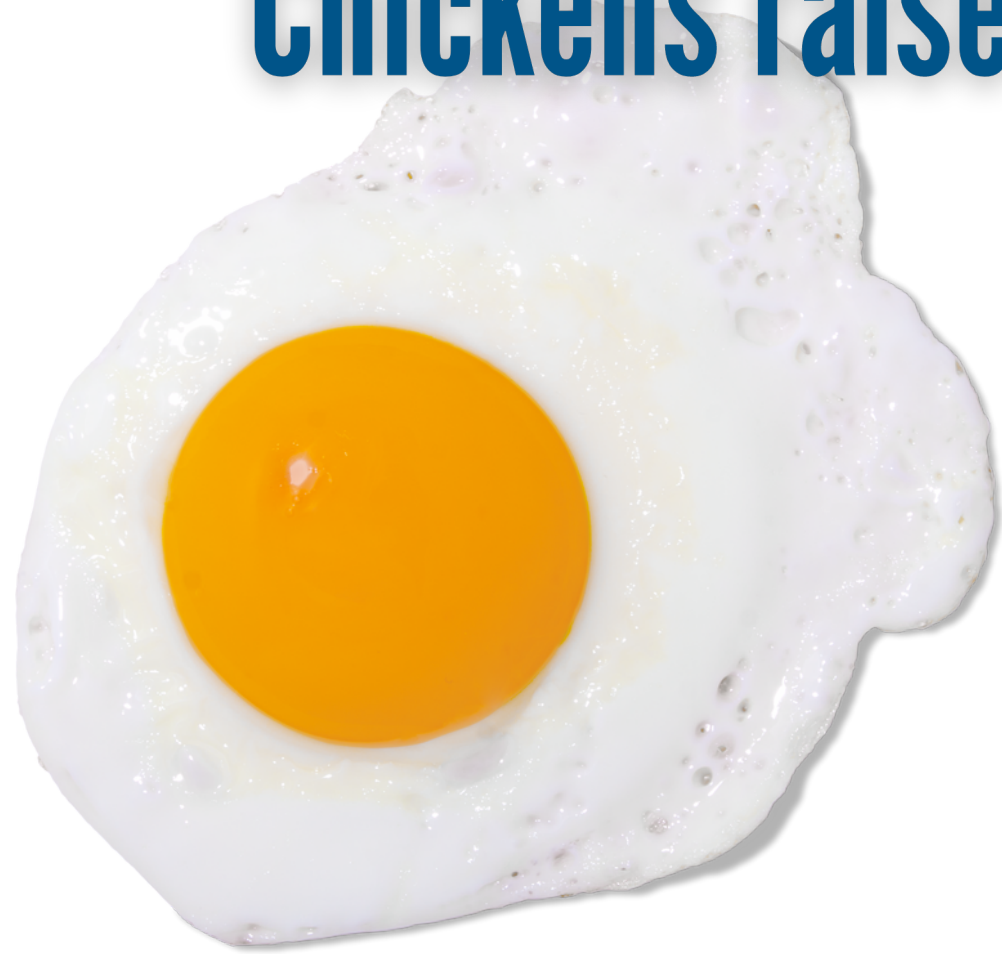
Vets treat all animals, including farm animals like cows, horses, and chickens.

FALSE





Chickens raised for meat are the same ones raised for eggs?



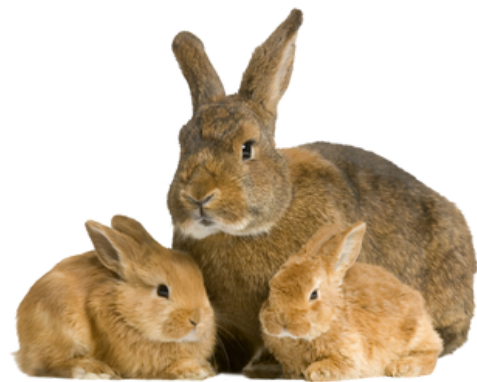
They are raised separately and in different ways, but both receive the best possible care from farmers.



I  CHICKENS

A bundle of green barley stems with long, feathery awns, positioned on the left side of the image.

Barley stems can be used as bedding for farm animals ?



This is called straw, and it helps to keep farm animals comfy and warm all year long.



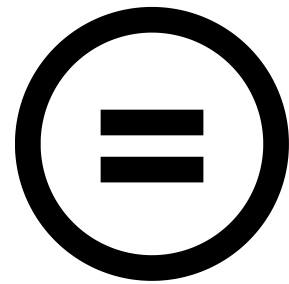
Seed Growers are also farmers?



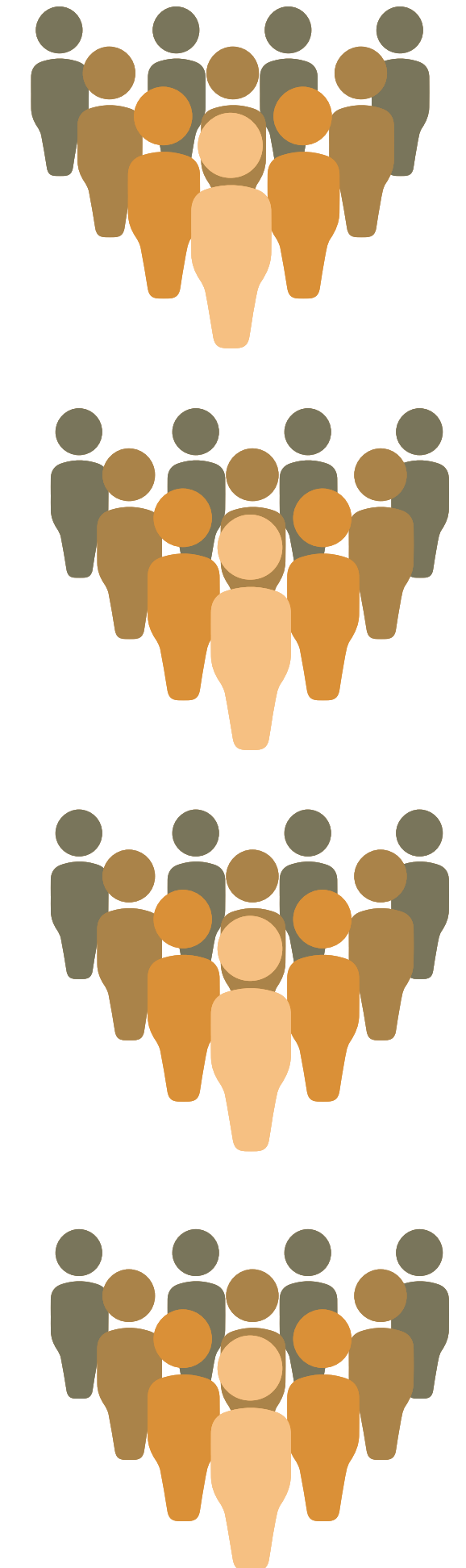
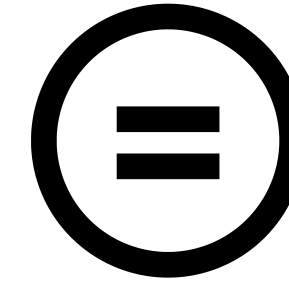
They are the farmers that grow seeds for other farmers to use for their crops.



Dairy cows eat 10 times as much food as what an average grade 4 student eats in a day?



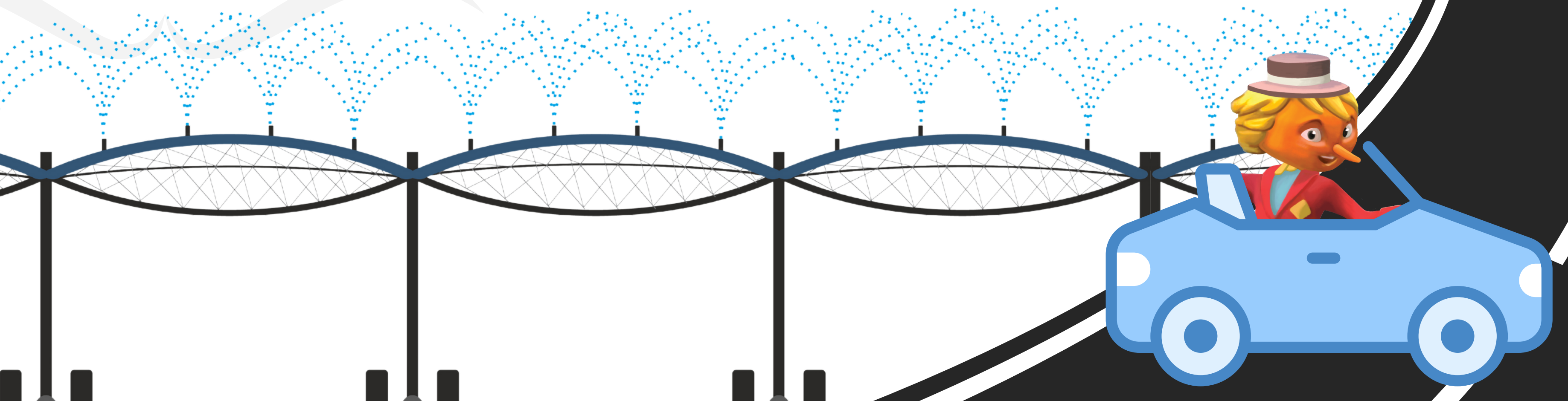
A dairy cow actually eats 40 times what a grade 4 student eats!



FALSE



**Alberta has 8,000 km of water pipelines and canals
in place to help farmers water crops?
That is almost the whole drive across Canada!**



These systems are called irrigation (they look like giant sprinklers) and are in place to ensure farmers are able to grow enough food to feed everyone!



TRUE



**Canada is the number one canola producing
(growing) and exporting (sends to other
countries) country in the world?**





The word Canola comes from the words
Canada and OIL!
Canada + Oil = Canola
and it was invented in Canada.



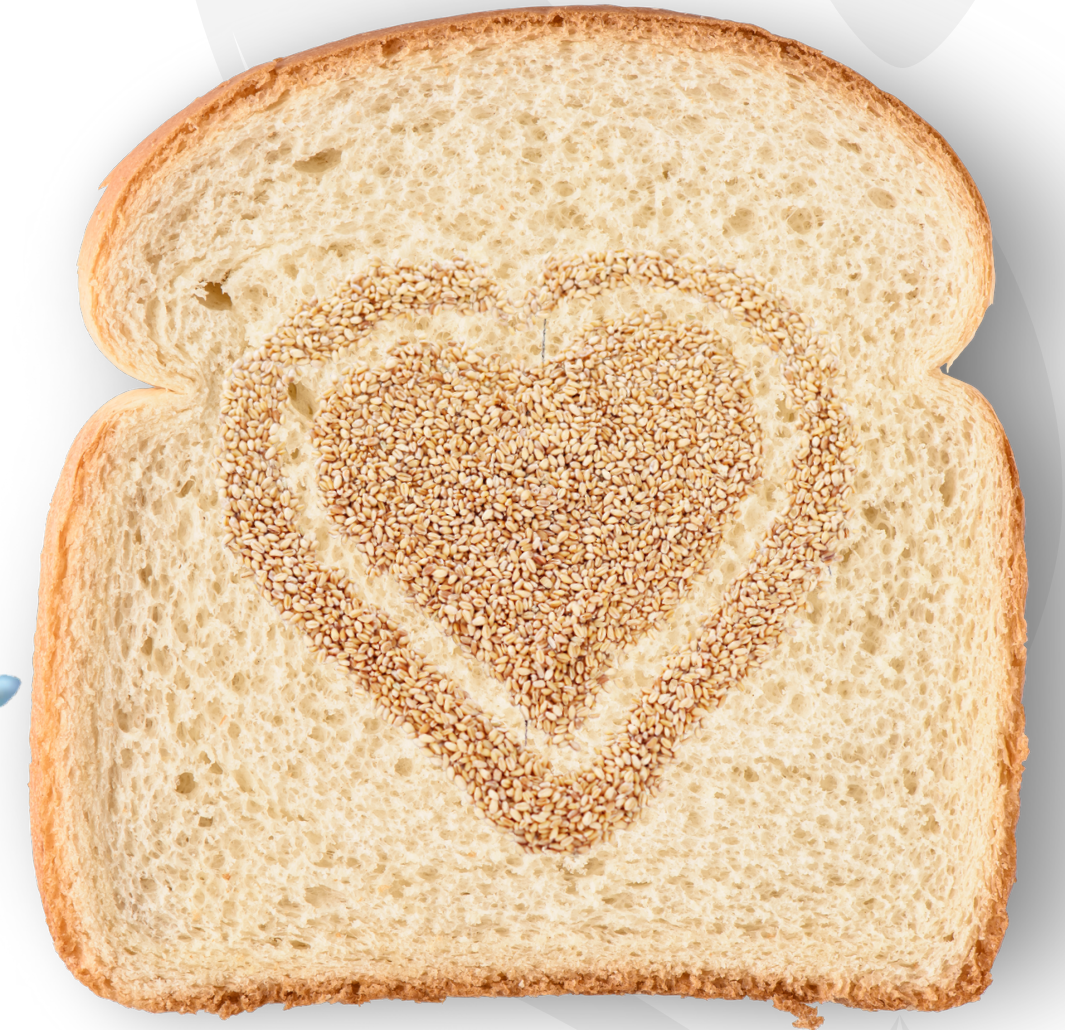
TRUE



Wheat is one of the world's most popular grains?



Many Alberta farmers (wheat growers) grow this wholesome and tasty ingredient. It serves as the base for countless breads, pastas, pastries and more. Even cows, chickens, pigs and horses like to eat wheat in their food.



Canada exports (sends to other countries) the most pulses (beans, peas and legumes) out of any country in the world?



That means Canada grows, sells and ships away the most pulses out of any country!

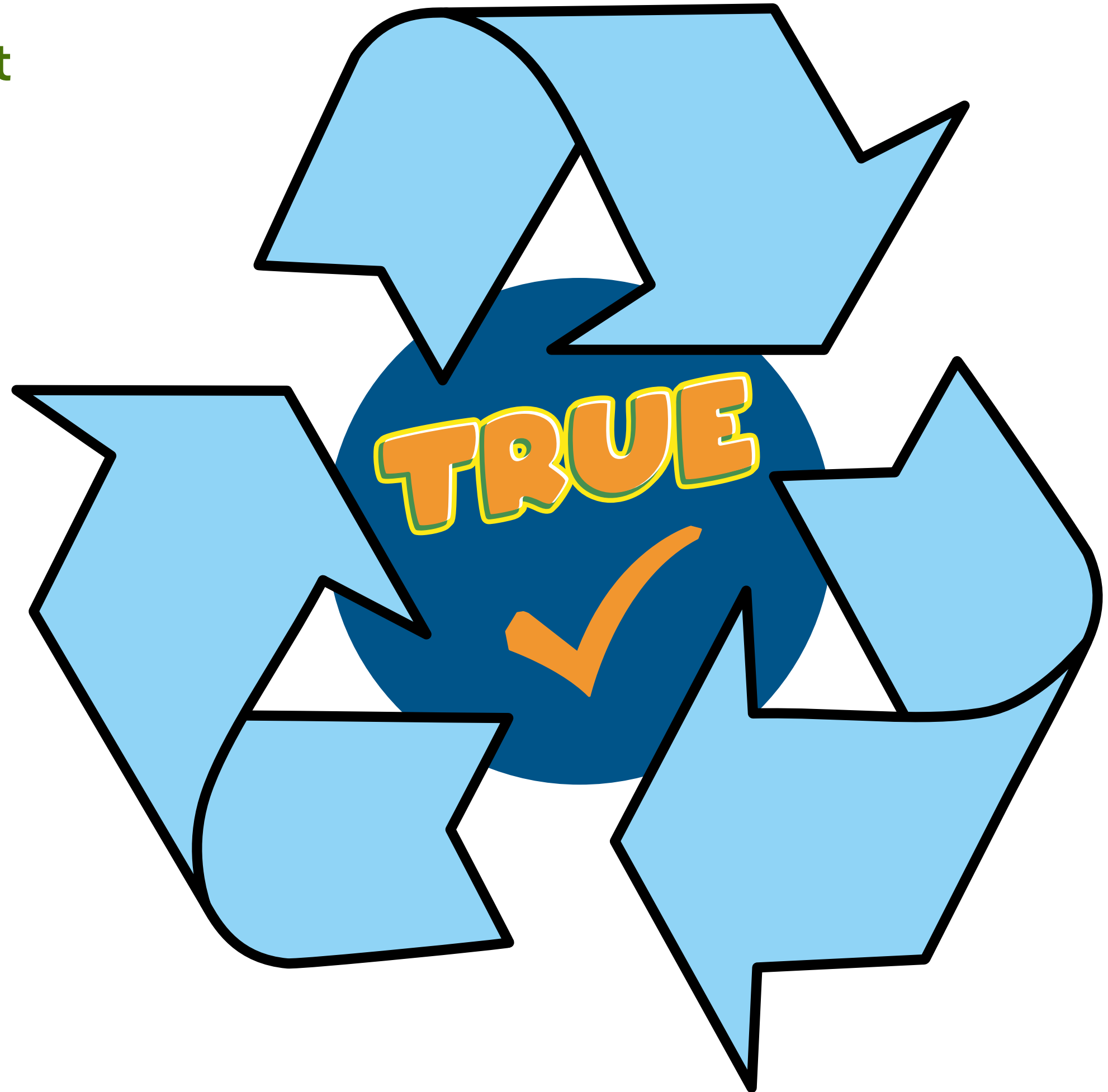


Approximately 33% of all the food produced in the world is wasted?



Farmers are doing their best
to reduce this number and
you can help too!

Any ideas how?





Questions?

Thanks for learning
about agriculture with
me today!



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