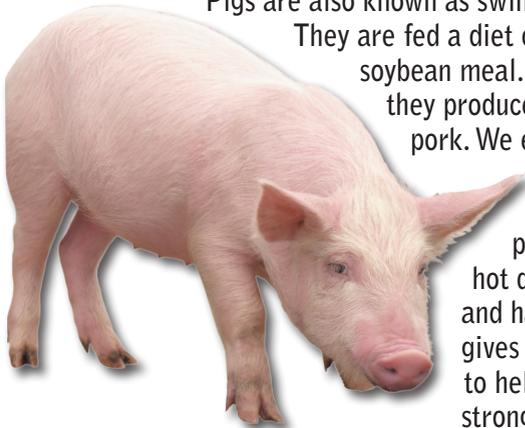


AGRI CULTURE is everywhere!

FARM ANIMALS

Missouri farm animals provide us protein from eggs, milk and meat. They also give us fiber such as wool and leather for clothing.

Pigs



Pigs are also known as swine or hogs. They are fed a diet of corn and soybean meal. The meat they produce is called pork. We eat pork as bacon, sausage, pepperoni, hot dogs, ribs and ham. Pork gives us protein to help build strong muscles

and help our bodies grow. Byproducts from pork can be used to make adhesives, plastics, brushes, fertilizer and leather.

Dairy Cows

Milk is the #1 source for calcium, potassium and vitamin D.

Cattle, sheep and goats are ruminant animals. Their stomach has four compartments. They chew food to soften it before swallowing only to return that food to their mouth and continue to chew it again later. This is called chewing the cud. It is then swallowed the second time and digested.

Dairy cows use the plants they eat to produce milk. Only female cows can produce milk after they give birth to a calf. An average dairy cow produces about 6-8 gallons of milk per day. Milk is made into products like cheese, yogurt, ice cream and butter.



Poultry



Farmers raise chickens, turkeys, ducks and geese to give us eggs, meat and feathers. We refer to these animals as poultry.

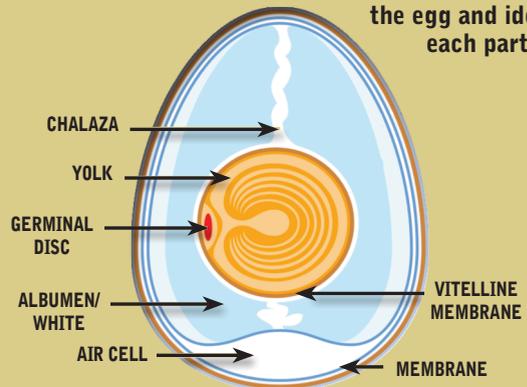
Chickens are typically raised for meat and eggs. The two types are laying hens and broilers. Laying hens are female and lay eggs every 24-26 hours. In an average year, Missouri hens lay more than 2.6 billion eggs. Broilers are rooster or hen chickens bred and raised for meat.

Turkeys are also a major Missouri commodity. Our state consistently ranks in the top five for turkey production in the United States.

ACTIVITY



Break an egg into a Ziploc® bag and seal the bag securely. Allow students to view the egg and identify each part.



A **Food Scientist** studies foods, food processing, new food creations and how to package food items.

A **Farm Manager** is responsible for farming operations.

An **Animal Nutritionist** assures animals are fed proper nutrients.

SOURCE: NATIONAL AGRICULTURAL STATISTICS SERVICE (NASS)