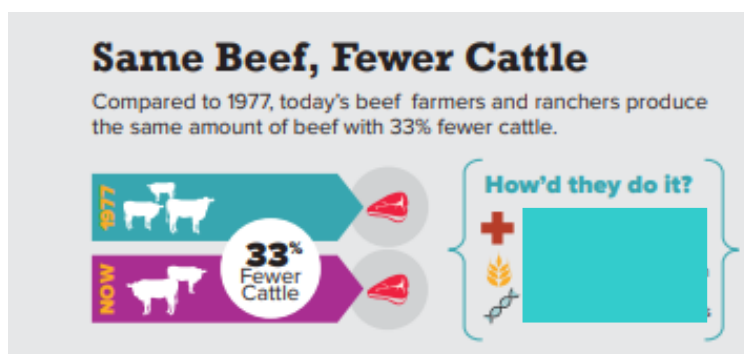


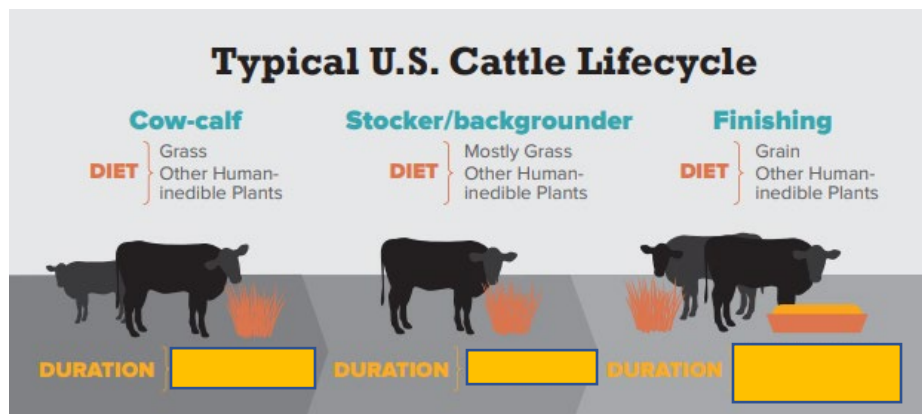
# BEEF SUSTAINABILITY: BALANCING ENVIRONMENTAL, SOCIAL AND ECONOMIC IMPACTS

Sustainability is not a destination. It is a continuous journey being carried out by each generation of farmers and ranchers responsible for raising and supplying beef across the world. To the beef community, sustainability comprises much more than environmental considerations. Today, a sustainable food supply balances efficient production with environmental, social and economic impacts. Visit <https://www.beefitswhatsfordinner.com/raising-beef/beef-sustainability> to learn the answers to the following:

- \_\_\_\_\_ of Beef Farms and Ranches are family owned.



- A. \_\_\_\_\_
- B. \_\_\_\_\_
- C. \_\_\_\_\_



Match the letter of the correct lifecycle stage with the correct duration period inside the correct yellow box.

- A. 2-6 months
- B. 6-10 months
- C. 4-6 months (Grain)  
Or  
6-10 months (Grass)

- U.S. farmers and ranchers produce \_\_\_\_\_ of the world's beef with only \_\_\_\_\_ of the world's cattle.

A. \_\_\_\_\_

B. \_\_\_\_\_

C. \_\_\_\_\_

## The Stomach for the Job

Cattle have 4 stomach compartments, and the largest is the rumen, which is why cattle are referred to as ruminant animals.



A cow's stomach can be \_\_\_\_\_ gallons in volume



It is naturally filled with trillions of microbes that can break down \_\_\_\_\_

B. \_\_\_\_\_

## Cattle Upcycling Super-power

The rumen microbes give cattle their upcycling super-power – cattle upgrade plants of little to no nutritional value to people to \_\_\_\_\_

C. \_\_\_\_\_



Human-Inedible Plants



- From 2005 to 2011, improvements in \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ have resulted in lowering the environmental footprint of raising beef and have greatly improved the overall level of farm sustainability.
- You also have opportunities to contribute to more a sustainable food supply. Approximately \_\_\_\_\_ of all food produced for human consumption in the world is lost

or wasted. The food an average American family wastes translates into about \_\_\_\_\_ per year.

