

# Mobile Dairy Classroom

## Vocabulary

Use these vocabulary words with your students to further their understanding of the Mobile Dairy Classroom.

**Acre:** A measurement used when speaking of land; one acre is equal to 43,560 square feet, approximately the size of a football field

**Alfalfa:** A plant with clover-like leaves and blue flowers, usually planted as food for animals and used in either dry or wilted form

**Calcium:** A nutrient found in milk that helps keep bones and teeth strong

**Conservation:** Controlled use and protection of the land, water and air

**Dry Cow:** A pregnant cow that is in a time of rest and not producing milk.

**Fertilizer:** A material like manure that is spread onto the ground to help plants grow by providing nutrients

**Fresh Cow:** A cow that has just given birth and is now producing milk

**Harvest:** To pick a crop when it is ripe

**Heifer:** A young cow between the ages of 0 and 2 that has not given birth to a calf

**Homogenized:** A process where the fat particles are suspended and dispersed throughout the milk, preventing fat from rising to the top

**Lactation:** A period of time that milk production occurs in female mammals

**Milk Tanker:** The truck that comes to the farm to take the milk to the processing plant

**Milking Parlor:** Where the cows go to get milked

**Milking Unit:** The machine that collects the milk from the cow's udder

**Nutrients:** The parts of food necessary for life, health and growth

**Pasteurize:** To heat milk to at least 160 degrees Fahrenheit for 15 seconds to ensure its safety.

**Pesticide:** A chemical used to kill harmful weeds or insects

**Processing Plant:** Where the milk from cows is made into dairy products and packaged for sale

**Silage:** Feed that has fermented and has been preserved in a silo or bag

**TMR:** Total mixed ration, a balanced diet for cattle.

**Whey:** The liquid that is left after cheese begins to form from milk