

Dairy Tech

Check out these cool dairy farming tech tools. How is the tech that moo-ves milk from cow to cup similar to the tech tools you or your family might use at home and school?



Cow Manager System

This cow's orange ear tag contains a computer microchip that monitors:

- cow activity
- eating time
- body temperature
- rumination (digestion)



Robotic Milker

- milks cows without human assistance
- cows enter milker when they want to be milked, triggering the robot to action
- laser detects position of cow's udder
- cleans udder and attaches suction cups with robotic arm
- opens parlor gate for cow to return to her bed, eat or drink water after milking



Automatic Feed Pusher

- automatically and quietly moves along the cow feeding trough
- pushes in feed
- charges at a docking station
- programmable to feed at specific times during the day



Pedometer

- contains computer chip that is read when cow enters milking parlor
- worn on cow's leg or on collar around their neck
- measures number of steps a cow takes each day
- transmits how much milk in pounds a cow gives during each milking



Smartphone/Tablet With PocketDairy App

- syncs wirelessly to provide farmers with information anytime, anywhere
- allows close monitoring of an entire herd
- helps farmers make decisions using diagnostic information



Robotic Calf Feeding System

- provides warm milk to calves at regular intervals throughout the day
- dispenses milk in same portion and concentration as milk from mother
- dispenses either cow's milk or milk mixture like human baby formula



Tech tools help dairy farmers do what they do best – take care of their cows. Healthy, comfortable cows make fresh, delicious, nutrition-packed milk and, from that, other dairy products we all enjoy.



All milk, whether lowfat, whole, or flavored, contains three out of the four vitamins and minerals that children, teens, and adults are most likely to lack – potassium, calcium, and Vitamin D.



Local milk is available 365 days a year.



USDA MyPlate guidelines recommend these daily servings of milk and dairy products:



Ages 9 and up:
Three 8-ounce servings



Ages 4-8: 2.5 cups

