



# DAIRY COWS: NATURE'S MOO-VELOUS RECYCLERS!

## Reproducible Master

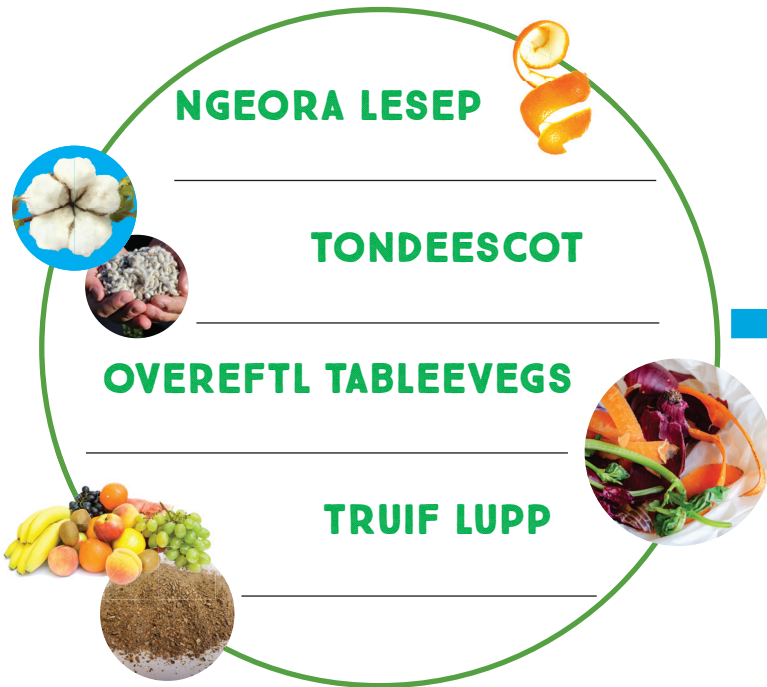
**Part 1:** You've learned that dairy cows are *recyclers* because they can digest and use the nutrients from food by-products that people usually throw away. These foods become part of their balanced diet. And dairy cows are *upcyclers* because they turn those recycled food by-products into fresh, wholesome milk.

Now look at the two circles below. Unscramble the words in the left circle to identify food by-products that cows recycle. Unscramble the words in the right circle to identify new dairy foods that cows produce.

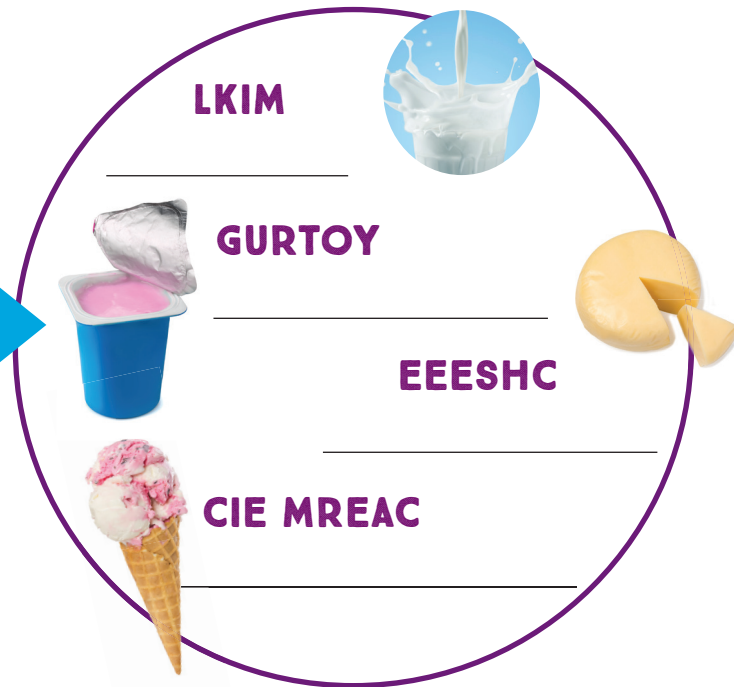


Father-son dairy farming duo Sam Conrad Sr. and Sam Conrad Jr. of Warriors Mark, Pa., stand with their corn crop, which will be used to feed their dairy cows.

## COWS ARE RECYCLERS.



## COWS ARE UPCYCLERS.



Did you know that nearly 80% of what a dairy cow eats cannot be digested by humans?

**Part 2:** Now, get creative. On the back of this sheet, design a recycling symbol that shows how dairy cows are recyclers and upcyclers. Look at this recycling symbol to help you think of an idea.



Local milk is available 365 days a year.



AMERICAN DAIRY  
ASSOCIATION NORTH  
EAST

