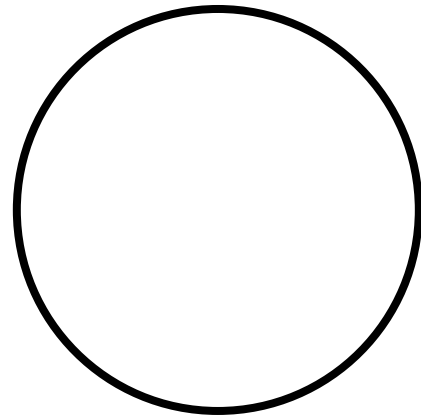# Ag-Venture With Dairy

Use the IAITC Dairy Ag Mag to help you work through this worksheet!

Read about the Farm to Table process of dairy farming. Choose one step in the supply chain and explain why that is a beneficial step in manufacturing milk for us as consumers!

A dairy cow consumes a lot of food per day! How many pounds of the different foods does a dairy cow eat? Using the diagram from the Dairy Ag Mag, draw and label a pie chart that shows a dairy cow's diet.

Unscramble the words below and use the circled letters to find the mystery word. Then, answer the question at the bottom.

IDRAY   _ _ _Ⓞ_

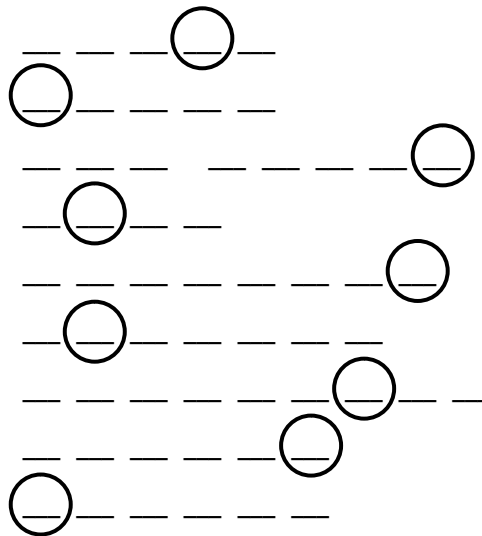DREUD   Ⓞ_ _ _ _

CIE RCMEA   _ _ _ _ _ _ _Ⓞ

KMLI   _Ⓞ_ _

TNISELHO   _ _ _ _ _ _Ⓞ

MCICLUA   Ⓞ_ _ _ _ _

RNTSUETNI   _ _ _ _ _Ⓞ_ _

TGOYRU   _ _ _ _Ⓞ_

GISLEA   Ⓞ_ _ _ _ _

Mystery Word
Cattle are:

_ _ _ _ _ _ _ _ _ _ _

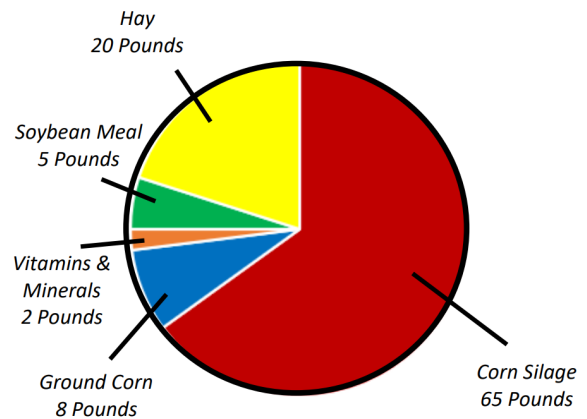What does this mean? Use the Ag Mag to help you answer!

Answer Key

Read about the Farm to Table process of dairy farming. Choose one step in the supply chain and explain why that is a beneficial step in manufacturing milk for us as consumers!

Answers will vary based on the supply chain step they chose.

Example: Pasteurization is important to consumers because it makes the milk safer by killing potentially harmful bacteria.

A dairy cow consumes a lot of food per day! How many pounds of the different foods does a dairy cow eat? Using the diagram from the Dairy Ag Mag, draw and label a pie chart that shows a dairy cow's diet.

Hay
20 Pounds

Soybean Meal
5 Pounds

Vitamins &
Minerals
2 Pounds

Ground Corn
8 Pounds

Corn Silage
65 Pounds

Unscramble the words below and use the circled letters to find the mystery word.
Then, answer the question at the bottom.

IDRAY   D A I (R) Y

DREUD   (U) D D E R

CIE RCMEA   I C E   C R E A (M)

KMLI   M (I) L K

TNISELHO   H O L S T E I (N)

MCICLUA   C (A) L C I U M

RNTSUETNI   N U T R I E (N) T S

TGOYRU   Y O G U R (T)

GISLEA   (S) I L A G E

Mystery Word
Cattle are:

RUMINANTS

What does this mean? Use the Ag Mag to help you answer!

Cattle have a four-compartment stomach (rumen, reticulum, omasum, and abomasum). This digestive systems allows them to digest grasses that we cannot.