

Muskegon County Youth Fair

DAIRY RECORD BOOK

Version A

Name: _____

4-H Club/FFA Chapter/Open: _____

Leader: _____

Age (as of January 1): _____

Years in Project Area: _____

Record Started: / / Record Closed: / /
Month Day Year Month Day Year

Check One

Junior:
8-11 years old

Intermediate:
12-14 years old

Senior:
15-19 years old

Record Book Instructions:

DON'T CHANGE THE PAPER:

Completed record books must be on standard letter sized (8.5"x11") white paper. Neatness is encouraged. Books must be fastened with a staple in the upper right hand corner or secured inside a 3-ring binder or folder.

DON'T BE LATE... KNOW THE DUE DATE:

The date and time to turn in a completed record book will be listed on the Schedule of Events for Exhibitors printed in the front of the annual Fair Book.

USE THE RIGHT RESOURCES:

Good resources to help complete this record book are "Working With Dairy Cattle," http://www.holsteinfoundation.org/pdf_doc/workbooks/WorkingDairyCattle_WKBK.pdf available for download from the Holstein Foundation and the "Dairy Resource Handbook" (OSU Extension 4H127R) is available for checkout at the MSU Extension Office. Some answers will be found at muskegonfairgrounds.com and inside the fair book general and species rules.

All about my Dairy project...

For this section use the animal the exhibitor will exhibit at the fair.

Name (or identification) of my animal: _____

Tag Number: _____ Breed: _____

Color(s): _____ Date of Birth: _____ Actual Birthdate
 Estimated Birthdate

Special Markings: _____

Please Check One: Purchase/Borrow Raised Date of purchase: _____

Please Check One: Cow Heifer Calf

Purchase Price: _____ If you raised your animal, list the estimated market value.

Below, attach a beginning and ending picture. Please label the photos.

All about my Dairy project..

PROJECT ANIMALS: All exhibitors complete this section.

Name or ID	Breed	Date of Birth	Sire	Dam

Ages 15 to 19 complete the following questions: The following questions are based off MooMoo, a fictional feed manufactured by MCYF Feeds whose tag is below. Use the tag to answer the questions.

What is the main ingredient in MooMoo? _____

Does this feed contain a medicated ingredient? _____
If yes, what is it? _____

What is the minimum acid detergent fiber (ADF) level in this feed? _____

What animal is MooMoo toxic to? _____

Does MooMoo contain Vitamin C? _____

Can MooMoo be given to animals who will be slaughtered? _____
Why/Why Not? _____

Does this feed have a withholding period? _____
If yes, what is it? _____

What is the minimum crude fat level in this feed? _____

What is the main type of cattle MooMoo is designed for? _____

How much should of this feed should be fed per day? _____

How many kilograms are in the bag of food this feed slip came from? _____

What minerals are in this feed? _____

What vitamin is in this feed? _____

Who manufactures MooMoo? _____

MooMoo Feed

Formulated for Growing Dairy Heifers
Medicated

For increased rate of weight gain in pasture cattle (slaughter, stocker, feeder cattle and dairy and beef replacement heifers).

Active Drug Ingredients

Lasalocid 80 g/Ton

Guaranteed Analysis

Crude Protein (Min.)	15%
Crude Fat (Min.)	3%
Crude Fiber (Max)	10%
Acid Detergent Fiber (ADF)(Min.)	10%
Calcium (Ca)(Min.)	0.3%
Calcium (Ca)(Max.)	0.7%
Phosphorus (P)(Min.)	0.9%
Selenium (Se)(Min.)	2.8 PPM
Vitamin A (Min.)	13,000 IU/lb.

Ingredients

Grain Products, Plant Protein Products, Processed Grain By-Products, Forage Products, Dicalcium and Monocalcium Phosphate, Calcium Carbonate, Salt, Potassium Sulfate, Magnesium Sulfate, Vitamin A, Supplement, Vitamin E Supplement, D Activated Animal Sterol (Source of Vitamin D 3), Zinc Sulfate, Ferrous Sulfate, Manganese Sulfate, Copper Sulfate, Ethylene Diamine Dihydroiodide, Cobalt Sulfate, and Sodium Selenite.

Feeding Directions

Feed to dairy replacement heifers at a rate of 3.75 lb per head per day to provide 150 mg. or Lasalocid per head per day. This should be supplemented with a balanced ration of forages and concentrates. Specific questions should be addressed to your GCFFY Feeds representative.

Caution: Type C medicated feeds: The safety of Lasalocid in unapproved species has not been established; do not allow horses or other equines access to Lasalocid as ingestion may be fatal; Type B medicated feeds: Feeding undiluted, mixing errors, or inadequate mixing (recirculation or agitation of liquid supplement(s))

Warning: Do not feed to cattle within 42 days before slaughter.

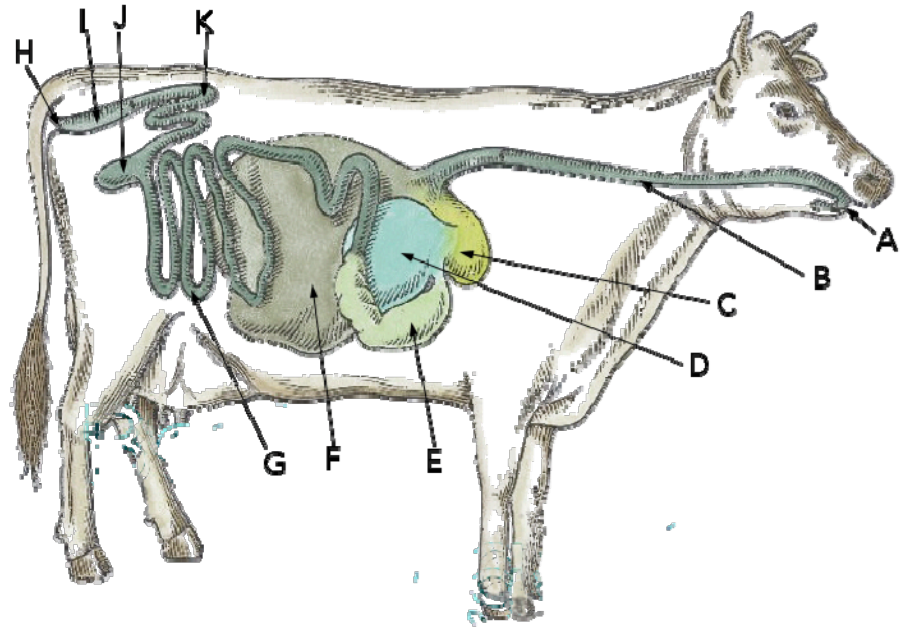
Manufactured by:
MCYF Feeds
Muskegon, MI

Net Weight 80 Pounds
(36.3 kilograms)
BULK - Shown on Invoice

Digestion & Nutrition:

All exhibitors: Label the following cow digestive system.

A	
B	
C	
D	
E	
F	
G	
H	
I	
J	
K	



Intermediate & Senior exhibitors:

List the four chambers of the cow's stomach and describe the function of each.

Senior Exhibitors:

What is the advantage for having a four-chambered stomach for a ruminant animal?

My General Dairy Knowledge:

Ages 8 to 19 complete the following questions:

In order to move cattle in the state of Michigan what kind of tag is required? _____

All cattle shown at MCYF must have this in their ear _____.

All breeding stock INCLUDING DAIRY shown at MCYF preregister using the following form: _____ . The deadline to submit this form without penalty is _____ . The last day forms may be submitted with a penalty is _____ .

What time must all fair animals be fed and watered and have their pens cleaned by? _____ .

The essential nutrients for dairy cattle are _____ , _____ , _____ , and _____ .

Cattle will drink up to _____ gallons per day, depending on their _____ and the _____ .

MCYF Exhibitors must show _____ animals in showmanship classes.

List steps you can take to keep cattle healthy.

Ages 12 to 19 complete the following questions:

What is colostrum and why it is important to a calf? _____

What is mastitis and why is it important to manage? _____

What are two major issues are currently facing the dairy industry? _____

Ages 15 to 19 complete the following questions:

Why do you think that the consumption of milk and milk products has declined? What affect has this had on the dairy industry, and what (if anything) can be done to help solve this issue?

