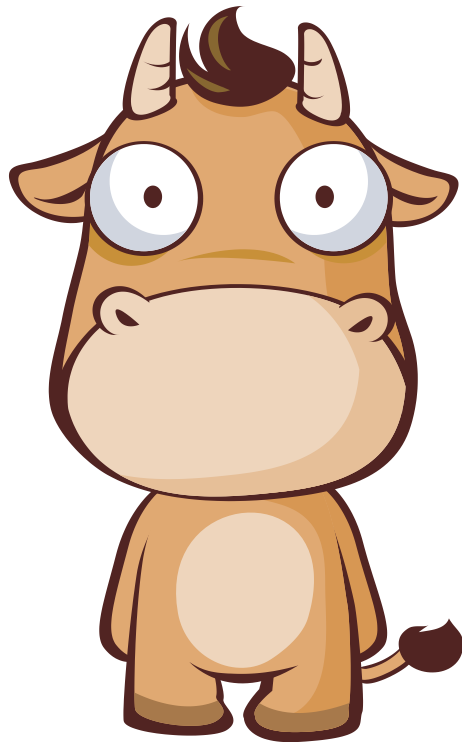


**YOUR
EMMET COUNTY
OPEN CLASS
BUCKET
CALF
PROJECT**



Introduction

Any Emmet County youth completing Kindergarten through 3rd (pre 4-H) by fair, enrolled in the Bucket/Bottle Calf Project can exhibit in this class.

Objectives

1. To learn proper health care and nutritional requirements of calves.
2. To learn basic calf management skills.
3. To learn basic livestock record keeping skills.

Guidelines

1. Open to youth that have completed kindergarten through third grade at the time of the show.
2. Calves must be born between March 1 and May 15.
3. Calves must be identified on a bottle calf ID sheet before July 1.
4. You can identify 2 calves but only show 1.
5. A photo of the calf and the youth must be included on the ID sheet.
6. Any newborn or orphan calf, steer, heifer, dairy or beef calf is eligible.
7. Calves can NOT be nursing a cow; they must be bottle or bucket fed.
8. No clipping or fitting.
9. Supporting information and photos are allowed for judging, but not necessary.

Calves at the County Fair

1. Calves will be shown at halter at the Emmet County Fair.
2. Interviews will be conducted approximately one week before fair, on an individual basis.
3. **Interview judging** will be based on:

- a. What the member has learned about caring for and raising a calf, health care, feeding, normal growth etc.
- 4. Overall judging will be based on:
 - a. Showing with an emphasis on what a member has learned.
 - b. General health of the calf and knowledge.
 - c. Interview score.
 - d. Completed records and report form will be evaluated.
 - e. Quality and calf confirmation will **NOT** be considered.

Health

- 1. Check your calf before each feeding for any health problems.
- 2. Calves can pass disease by sucking on each other. To prevent the spread of bacterial infections, wash and sanitize buckets, bottles and nipples. Keep the calf equipment clean, just like the dishes you eat from.
- 3. Ask your veterinarian about vaccinations for:
 - a. IBR (Infectious Bovine Rhinotracheitis)
 - b. BVD (Bovine Virus Diarrhea)
 - c. Clostridial Diseases (Black leg and Enterotoxemia)
 - d. Castration
 - e. Fly Tags
 - f. Lice Control
 - g. Vitamin A, D, and E injections
 - h. Salmonella
 - i. Pasteurella
- 4. Dehorn calves when the horn button can be felt. The electric dehorner or dehorning paste are possible methods. Check with your vet for help with dehorning. For your safety, calves will be dehorned.

Milk Replacer

1. Purchase a high-quality milk replacer. The milk replacer **MUST** contain milk-based protein and **NOT** soybean based protein, because soybean protein is hard to digest.
2. Calves should be fed twice daily. Follow the directions on the milk replacer bag. Feed fresh milk at each feeding. Calves should be on milk for at least 4-6 weeks. Calves should have access to fresh water daily.
3. Feed at 110 degrees or about the temperature of hot tap water. For example:
 - a. A calf weighing 80 pounds needs 6.4 pounds or 3.2 quarts of milk per day (1.6 quarts per feeding).
 - b. A calf weighing 100 pounds needs 8 pounds of milk or 4 quarts per day (2 quarts per feeding).
 - c. A calf weighing 120 pounds needs 9.6 pounds of milk or 4.8 quarts per day (2.4 quarts per feeding).

Calf Starter

1. Begin feeding a calf starter at about 7 to 10 days of age plus a handful of high-quality hay. Remember to change feed and hay every feeding to prevent it from becoming stale.
2. Try to encourage the calf to eat some calf starter after it has finished with its milk. Calves should have access to a little fresh water during the day when they begin to eat feed. Calves do not like finely ground and dusty feeds. Feed should be coarsely ground, cracked, rolled or flaked.
3. Calves can be weaned at 4 to 6 weeks when they are eating 1.5 to 2 pounds of calf starter per day. Keep feeding starter up to 3 to 4 months of age. Hay may be hand fed at about 1/2 to 1 pound per day. The calf can then be put on a grower ration of corn, oats, and protein. Always keep trace mineral salt before it after weaning.
4. Calves should be weaned from the bottle or bucket before fair.

Emmet County Fair Open Class Bucket/Bottle Calf Identification Sheet

This class is for youth completing Kindergarten through 3rd grade by fair.

Name _____

Address _____

City _____

County _____

Telephone _____

Grade In School _____

Project	Dairy Breed	Beef Breed	Animal's Birth Date	Tattoo or Tag Number	Date Animal Purchased
Bottle Calf					
Bottle Calf					

May identify up to 2 calves but only 1 calf will be shown at the fair.

Please attach a photo of you and each of your calves.

Mail/Drop Off by July 1st to either:

David Solberg
150 Golf Course Dr
Armstrong IA 50514

Emmet County Extension
26 S 17th St
Estherville IA 51334

Emmet County Fair Open Class Bucket/Bottle Calf Questionnaire for K - 1st Grade

Name: _____

Current Grade: _____

Please complete the following questions and bring to your interview.

1. How old was your calf(s) when it was purchased or put on the bottle?
2. What do you feed your calf(s)?
3. When was the calf weaned from the bottle?
4. Where do you keep your calf(s)?
5. Did your calf(s) ever get sick?
6. What do you plan to do with your calf(s) after the fair?
7. What would you like the judge to know about your project?

Emmet County Fair Open Class Bucket/Bottle Calf Questionnaire for 2 - 3rd Grade

Name: _____

Current Grade: _____

Please complete the following questions and bring to your interview.

1. How old was your calf(s) when it was purchased or put on the bottle?
2. What do you feed your calf(s)?
3. When was the calf weaned from the bottle?
4. Where do you keep your calf(s)? Is it housed with any other animals?
5. Did your calf(s) ever get sick? If it did, what did you do?
6. What do you plan to do with your calf(s) after the fair?
7. What would you like the judge to know about your project?
8. What is the biggest challenge you had with your calf?