

4-H Dairy Projects





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CACHE COUNTY EXTENSION



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Dairy Demonstrations

Classroom Demo



Clipping Demo



Clipping Heifers



Tee -Shirt Contest



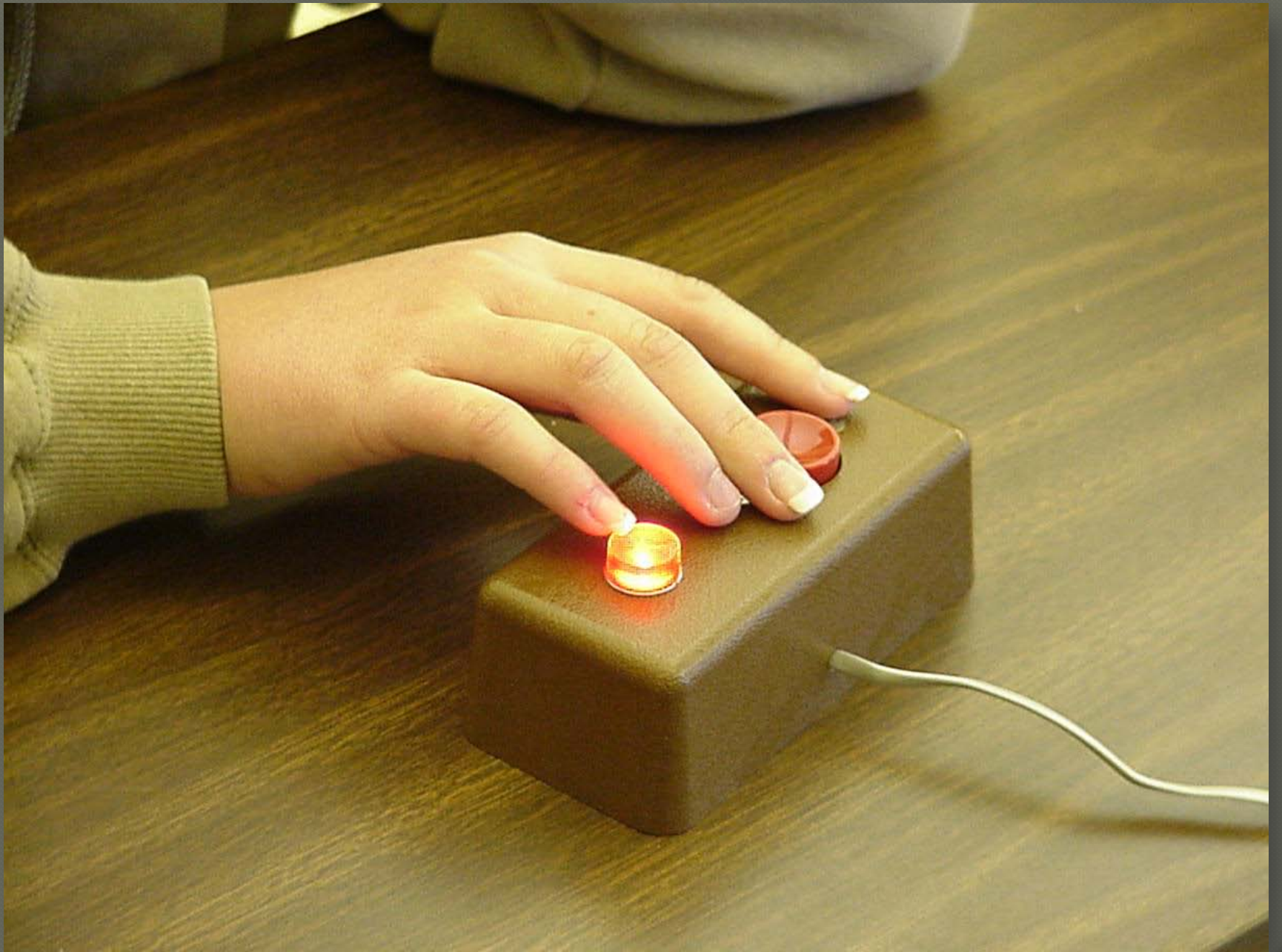
Dairy Bowl

Dairy Bowl Teams











Dairy Bowl

- Visit www.holsteinfoundation.org for resources, information and sample questions
- Sample Questions:
 - What is the most essential nutrient in animal feeding and health?
 - Name two types of ruminant animals
 - What is the name of the first milk produced by the cow at calving?

Dairy Jeopardy

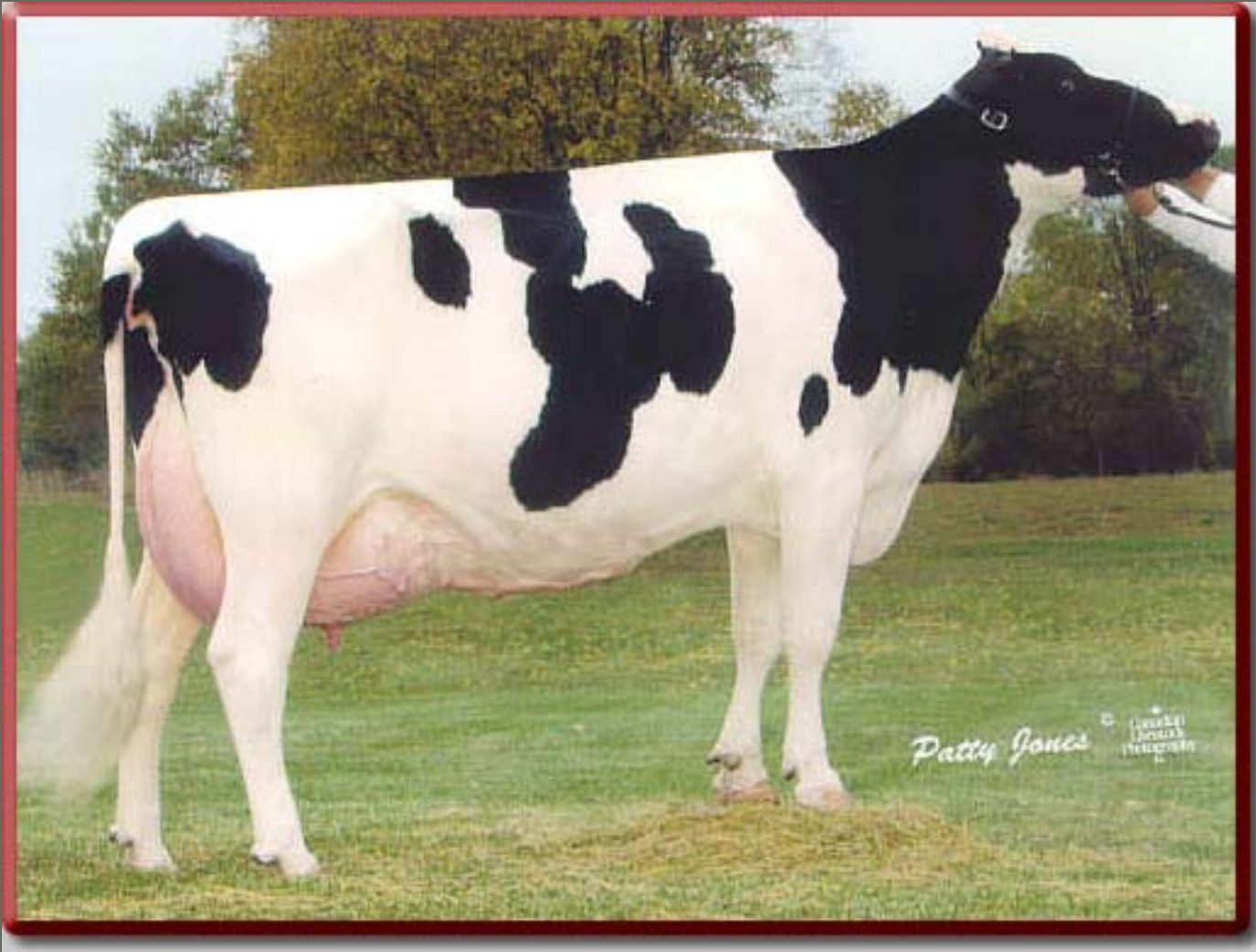
Dairy Jeopardy

- Visit www.holsteinfoundation.org for information, resources and sample questions.
- Sample Questions:
 - Another name for a mother of a newborn calf
 - Number of toes on a cloven hoof
 - What is a gallon
 - Number of National Junior Holstein Shows

Dairy Breeds

Dairy Breeds

- ◉ Holstein
- ◉ Jersey
- ◉ Brown Swiss
- ◉ Guernsey
- ◉ Ayrshire
- ◉ Milking Shorthorn



HOLSTEIN



JERSEY



BROWN SWISS



GUERNSEY



AYRSHIRE



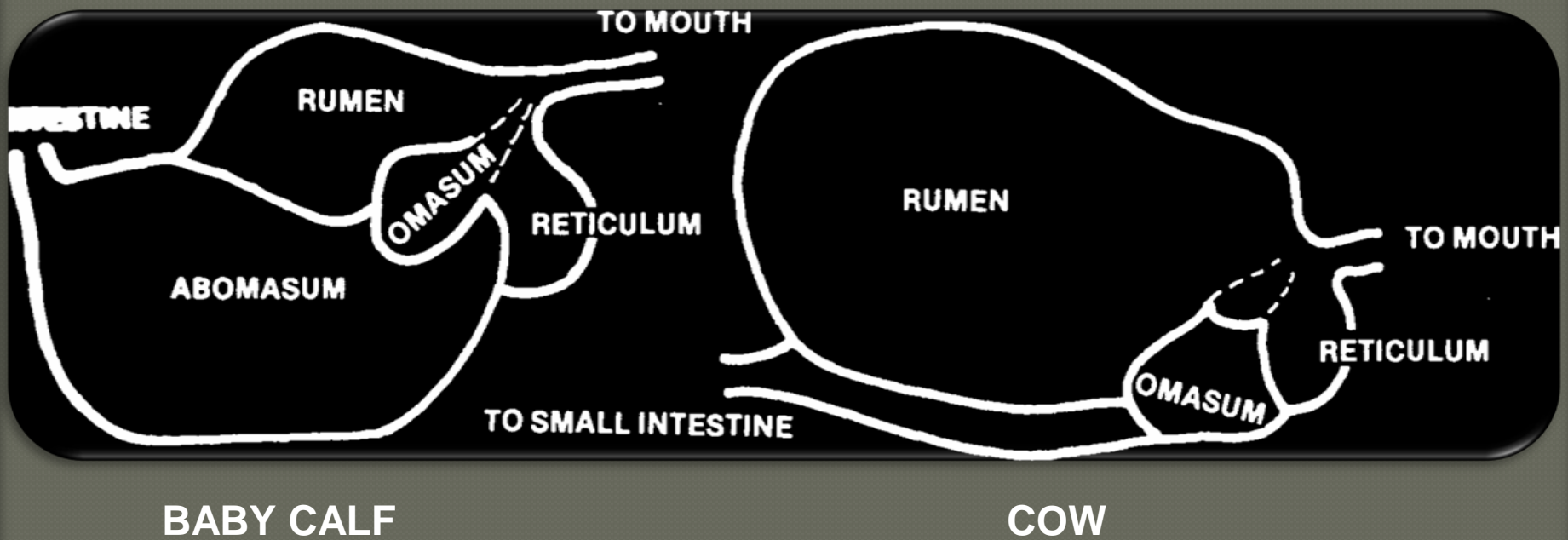
MILKING SHORTHORN

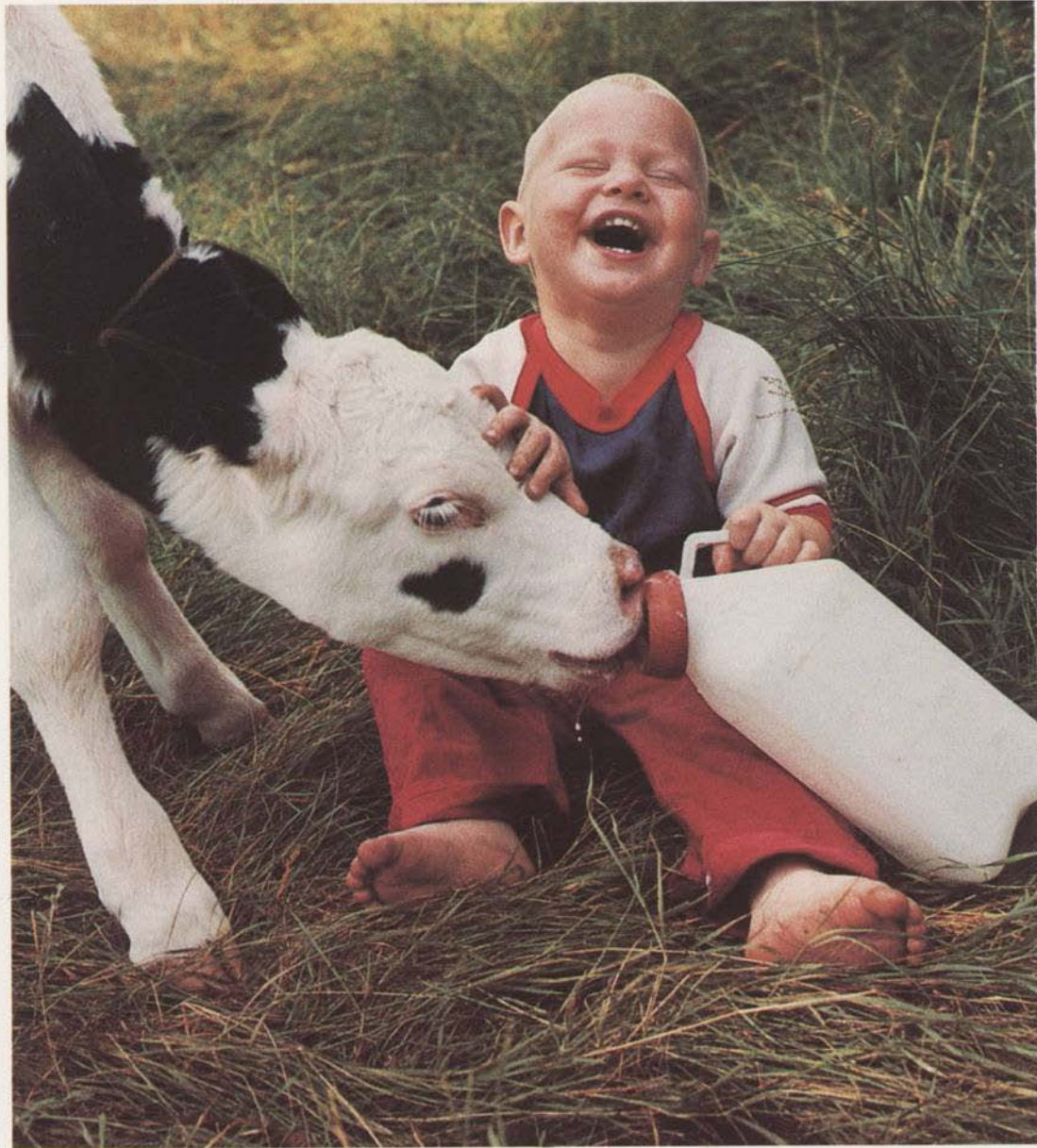


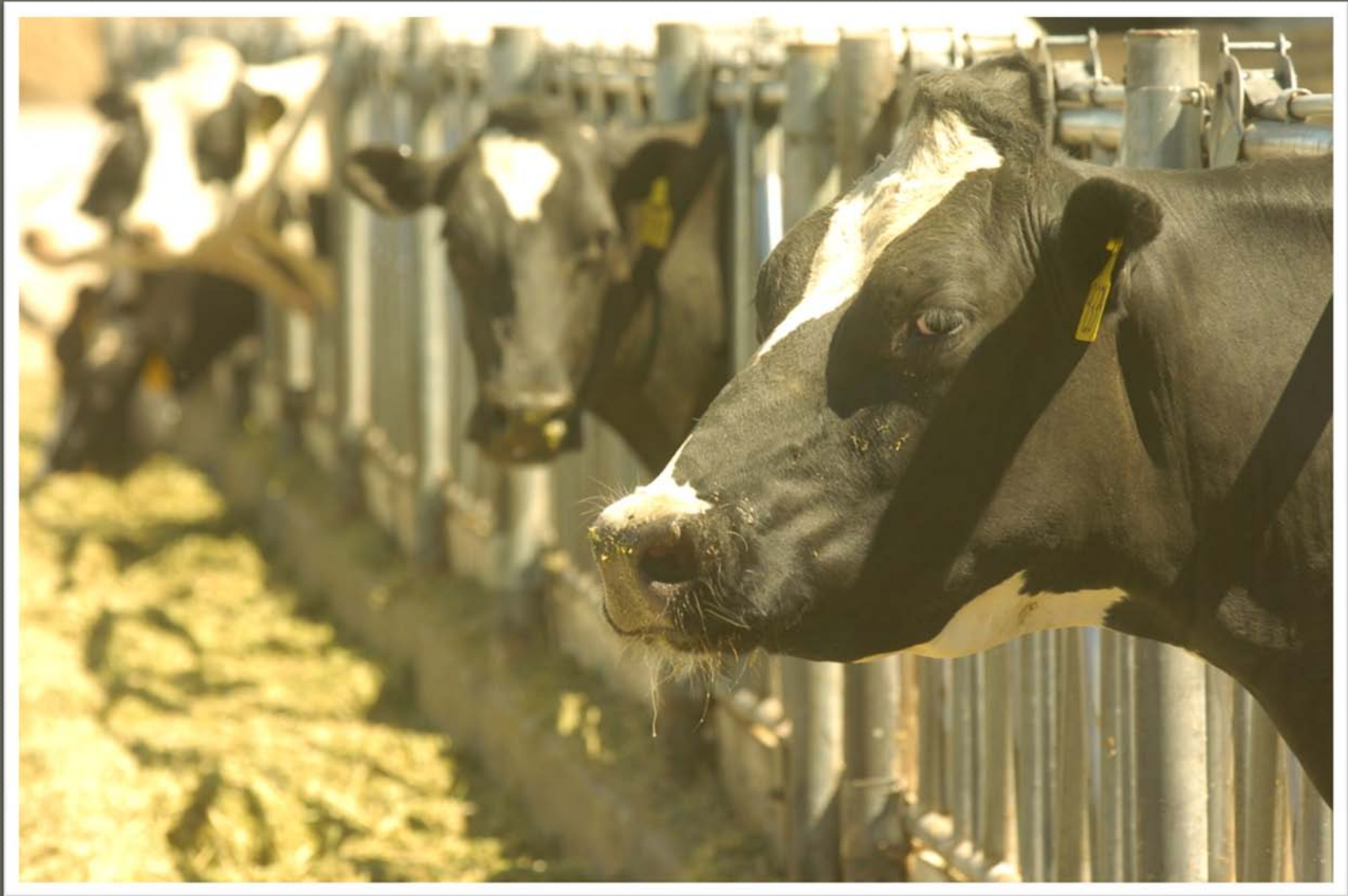
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Dairy Nutrition

Dairy Nutrition







Pedigrees



LOT 1

DOUBLETREE SAL PAL FLOWER

44363716 100% RHA-NA

Born 9-17-07

Doubetree Dairy

PO Box 126

Holden, UT 84636

801.404.7066

Eskdale Sal Pal -ET

137719073 RC TV

PTA +867M +32F +42P 41%R

PTA +2.57T +2.05UDC +1.25FLC

TPI +1646M

Country-Home Kit Ericka

61968031 NC

2-06 3 251 18550 3.3 617 2.8 527 RIP

305 ME 26580 3.3 877 2.85 757

(will be G+ as 2 yr old)

Ladino Park Talent-Imp-ET

AUS 930377 RC TL TV

PTA +343M -8F +22P 99%R

PTA +3.05T +2.74UDC +1.21FLC

TPI +1533M

Hillside Brett Sally-ET

60336160 CV VG-87 DOM

1-10 2 365 30040 4.7 1416 3.3 989

4-05 2 365 37860 4.0 1509 3.1 1157

Deseret-Inc Durahm Kit

133765728

PTA -796M -16F -11P 53%R

PTA +2.10T +1.89UDC +1.09FLC

TPI +1289M

Country-Home Emory Flora

133823941 EX-92 @4-08 EX-MS

2-03 3 365 26280 4.0 1045 3.1 815

3-09 3 365 34130 4.0 1366 3.2 1078

5-03 peaked at 150# / day

3th thru 9th Dams

Country-Home Nero Famous

8-11 2 365 26930 4.3 1027 3.3 781

Life 2963 155900 4.6 7123 3.4 5311

Country-Home Ida-Mar Favorite

G+ 83 @ 5-08 DOM

13-00 2 365 18890 4.7 883 3.4 640

Life 3998 243060 5.1 12338 3.4 8344

Country-Home Sexation Flower

EX-90 @6-01 DOM

Life 2746 174530 4.6 7971 3.2 5578

Country-Home G Dust Fern

Ex-92 3E @15-03

Life 3769 174550 4.1 7154 3.0 4438

Country Ben Fancy

G+ 80 @5-05

6-04 2 322 17040 4.3 734

Veiby Posch Francis

G+ 82 @ 3-02

Veiby Victory Hartog Fancy

G+ 81

Born in 1961

Dairy Shows

Dairy Shows

Age Categories

Dec 1 – Feb 29

March 1 – May 31

June 1 – Aug 31

Sept 1 – Dec 31

Show Heifers





Group Class



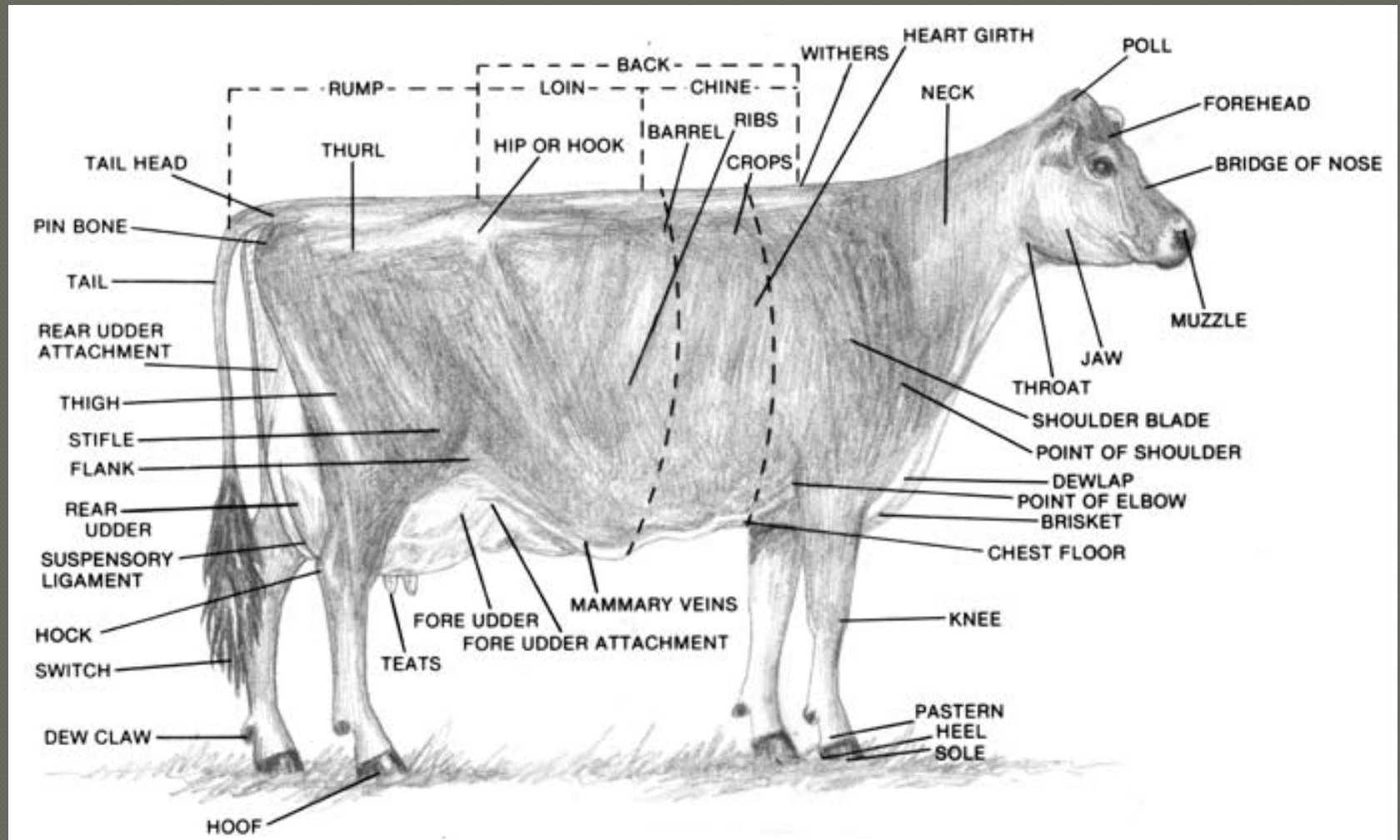
County Class Winners



Heber Dairy Show



Dairy Judging



DAIRY COW UNIFIED SCORE CARD

Copyrighted by The Purebred Dairy Cattle Association, 1943. Revised, and Copyrighted 1957, 1971, 1982, and 1994.

Breed characteristics should be considered in the application of this score card

MAJOR TRAIT DESCRIPTIONS

There are five major classification traits on which a classifier bases a cow's score. Each trait is broken down into body parts to be looked at and ranked.

1) Frame - 15%

The skeletal parts of the cow, with the exception of feet and legs, are evaluated. Listed in priority order, the descriptions of the traits to be considered are as follows:

Rump - long and wide throughout with pin bones slightly lower than hip bones. Thurls need to be wide apart and centrally placed between hip bones and pin bones. The tailhead is set slightly above and neatly between pin bones, and the tail is free from coarseness. The vulva is nearly vertical. **Stature** - height, including length in the leg bones. A long bone pattern throughout the body structure is desirable. Height at the withers and hips should be relatively proportionate. **Front End** - adequate constitution with front legs straight, wide apart and squarely placed. Shoulder blades and elbows need to be firmly set against the chest wall. The crops should have adequate fullness. **Back** - straight and strong; the loin - broad, strong, and nearly level. **Breed Characteristics** - overall style and balance. Head should be feminine, clean-cut, slightly dished with broad muzzle, large open nostrils and a strong jaw is desirable.

Rump, Stature, and Front End receive primary consideration when evaluating Frame.

2) Dairy Character - 20%

The physical evidence of milking ability is evaluated. Major consideration is given to general openness and angularity while maintaining strength, flatness of bone and freedom from coarseness. Consideration is given to stage of lactation. Listed in priority order, the descriptions of the traits to be considered are as follows:

Ribs - wide apart. Rib bones are wide, flat, deep, and slanted toward the rear. **Thighs** - lean, incurving to flat, and wide apart from the rear. **Withers** - sharp with the chine prominent. **Neck** - long, lean, and blending smoothly into shoulders. A clean-cut throat, dewlap, and brisket are desirable. **Skin** - thin, loose, and pliable.

3) Body Capacity - 10%

The volumetric measurement of the capacity of the cow (length x depth x width) is evaluated with age taken into consideration. Listed in priority order the descriptions of the traits to be considered are as follows:

Barrel - long, deep, and wide. Depth and spring of rib increase toward the rear with a deep flank. **Chest** - deep and wide floor with well-sprung fore ribs blending into the shoulders.

The Barrel receives primary consideration when evaluating Body Capacity.

4) Feet and Legs - 15%

Feet and rear legs are evaluated. Evidence of mobility is given major consideration. Listed in priority order, the descriptions of the traits to be considered are as follows:

Feet - steep angle and deep heel with short, well-rounded closed toes. **Rear Legs: Rear View** - straight, wide apart with feet squarely placed. **Side View** - a moderate set (angle) to the hock. **Hocks** - cleanly molded, free from coarseness and puffiness with adequate flexibility. **Pasterns** - short and strong with some flexibility.

Slightly more emphasis placed on Feet than on Rear Legs when evaluating this breakdown.

5) Udder - 40%

The udder traits are the most heavily weighted. Major consideration is given to the traits that contribute to high milk yield and a long productive life. Listed in priority order, the descriptions of the traits to be considered are as follows:

Udder Depth - moderate depth relative to the hock with adequate capacity and clearance. Consideration is given to lactation number and age. **Teat Placement** - squarely placed under each quarter, plumb and properly spaced from side and rear udder.

Rear Udder - wide and high, firmly attached with uniform width from top to bottom and slightly rounded to udder floor.

Udder Cleft - evidence of a strong suspensory ligament indicated by adequately defined halving.

Fore Udder - firmly attached with moderate length and ample capacity.

Teats - cylindrical shape and uniform size with medium length and diameter.

Udder Balance and Texture - should exhibit an udder floor that is level as viewed from the side. Quarters should be evenly balanced; soft, pliable and well collapsed after milking.

Perfect
Score

15

20

10

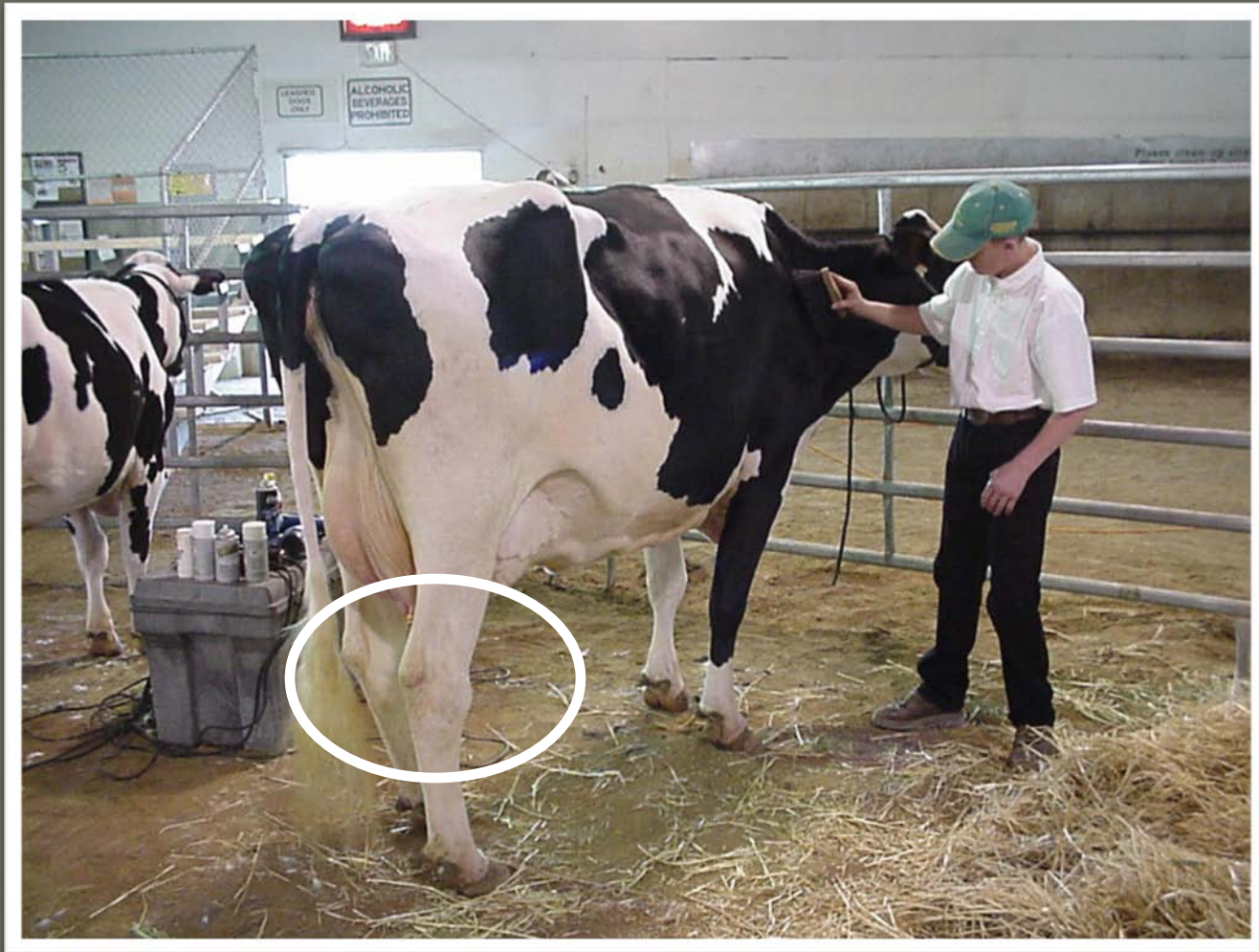
15

40

Poor Rump



Swollen Hocks



Chest Width



Rear Udder



Set-Up



Basic Format For Oral Reasons

- ① 1. State the class (age and breed)
- ② 2. Your placing
- ③ 3. General statement about entire class
- ④ 4. Outstanding traits about top animal
- ⑤ 5. Placing comparisons with grants
- ⑥ 6. Positive general statement about last animal
- ⑦ 7. Restate the class and placing

Showing and Walking



Showing and Walking



Showing and Walking



Showing and Walking

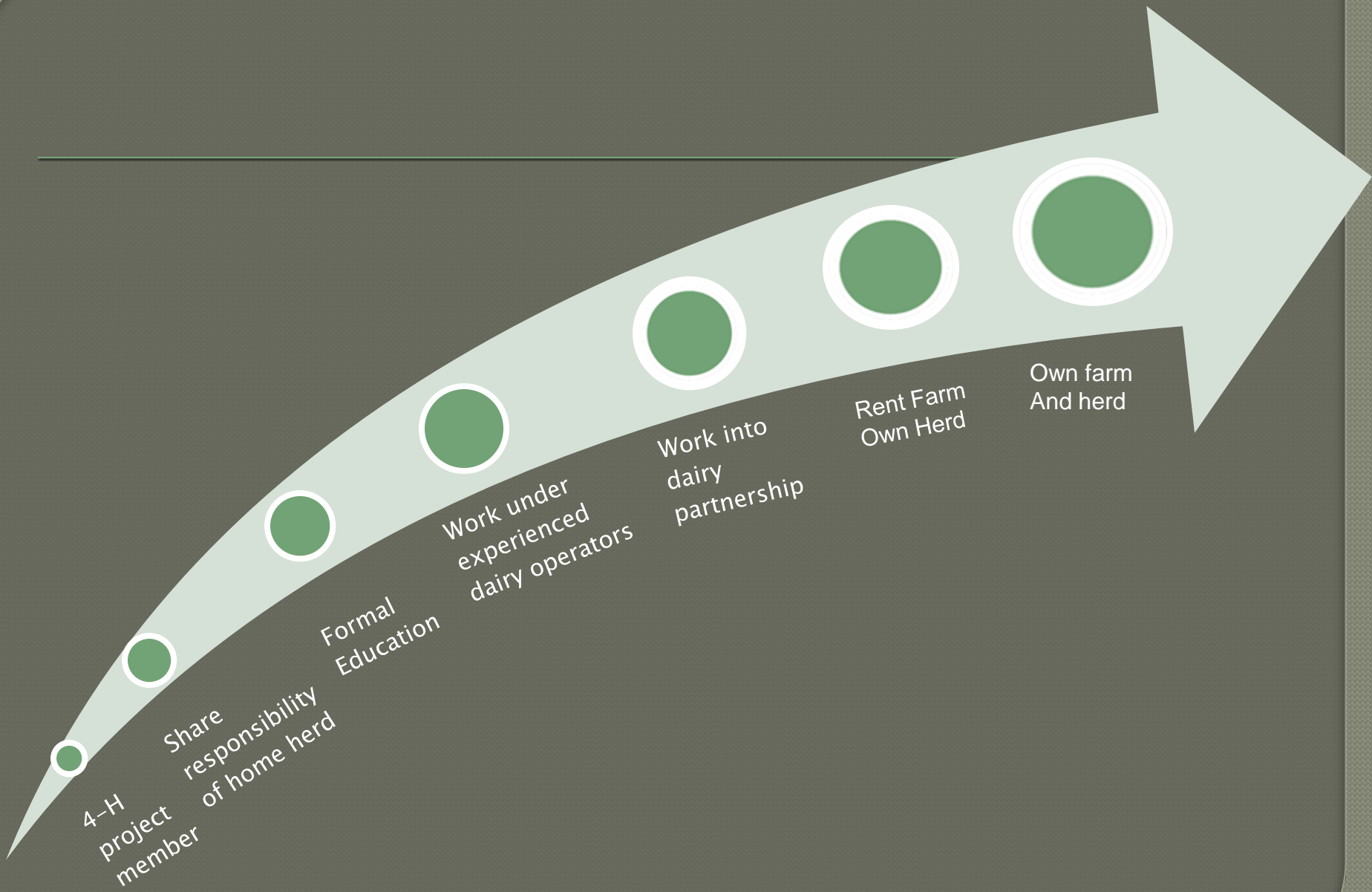


Field Trips

Springer Heifers



Career Opportunities



Some Potential Careers

- Agricultural Communications
- Agricultural Policy Analyst
- A.I. Representatives
- Breed Association Consultant
- Cattle Fitter
- Communications Specialist
- Computer Specialist
- Dairy Producer
- Dairy Product Promotions
- Dairy Research
- Extension Agent
- Financial Consultant
- Livestock Photographer
- Nutritionist
- Sales Representative
- Sire Analyst
- Veterinarian
- Dairy Herdsman Instructor

Donation Heifer



46th Annual Dairy Heifer Contest

◉ Prizes Grades 6–9

- Registered Holstein Calf donated by Justin W. Gunnell Fdn., Idaho Holstein Association and Kent Aston
- \$500 Calf Award donated by Cache Valley Select Sires
- Oster Clipmaster Clippers donated by Smith and Edwards
- \$200 Calf Award

46th Annual Dairy Heifer Contest

● Prizes Grades 10–12

- Trip (\$400) to World Dairy Expo in Madison, WI, donated by Harris Brothers Registered Holsteins
- (\$400) USU Scholarship donated by Utah Farm Bureau and DHI – Provo Computing Center
- (\$350) USU Scholarship donated by Intermountain Farmers Assn.
- (\$200) USU Scholarship donated by Gossner Foods
- (\$150) USU Scholarship donated by Utah Farmers Union and Richmond Black & White Committee

Swiss Cow Bell Award



This is Fun! 😊

