



# Minnesota 4-H Dairy Parts Crossword Puzzle



## SUGGESTED PROJECT MEETING ACTIVITIES

In addition to the crossword puzzle, several other fun activities are available to learn the parts of the animal.

**ROLL CALL**—At the beginning of the meeting, each member is asked to answer roll call by naming a part of the animal; perhaps a part from a specific area such as the leg or head.

**PARTS ON THE BACK**—Simply write an animal part on a slip of paper. Tape it to someone's back without letting him or her see it. Do this for everyone. Let them try to figure out the part by asking other 4-Hers questions. Only yes or no answers are permitted. As soon as someone guesses the name of the part taped on his or her back, that 4-Her continues to answer the questions of others. Activity continues until everyone correctly guesses the parts. Small hints are okay later in the activity.

**PIN THE NAME**—Use the 4-H Wall Chart or supply large sheets of paper on which teams of 3 to 4 may draw the animal. Names of parts written on masking tape and attached to tee (T) pins may be made. A piece of cardboard under the picture works well to stick the pins into. Members should then compare and check their answers. This is a fun game for competition between teams. Have each team check the other's answers. A time limit keeps things moving. Pins may also be used with stuffed animals.

**TAPE THE NAME**—Members often learn quickly if they can associate parts of an animal with parts of their own bodies. Write names of parts on paper or masking tape and see how many teams can tape one or more names onto one of their players. This can also make a very active relay game between two teams. Teams should check each other's "animal."

**PARTS PUZZLE**—Members can draw a large animal picture on a piece of paper or poster board. Add the part names to the correct places. Make a puzzle piece out of each part by outlining and then cutting it out. Large pieces are suggested for younger members. This is also a great project for woodworkers.

### Key for Dairy Chart

1. Tail head	23. Brisket
2. Pin bones	24. Point of elbow
3. Tail	25. Dewlap
4. Rear Udder Attachment	26. Point of shoulder
5. Thigh	27. Throat
6. Stifle	28. Jaw
7. Rear udder	29. Muzzle
8. Flank	30. Bridge of nose
9. Switch	31. Forehead
10. Hock	32. Poll
11. Dewclaw	33. Neck
12. Hoof	34. Heart girth
13. Pastern	35. Withers
14. Teats	36. Crops
15. Fore udder	37. Ribs
16. Fore udder attachment	38. Chine
17. Mammary vein	39. Barrel
18. Heel	40. Hook
19. Sole	41. Back
20. Knee	42. Loin
21. Milk wells	43. Thurl
22. Chest floor	44. Rump