

2024 Dairy Jeopardy Practice Questions

1. Country where a2 Milk Company is headquartered

New Zealand

2. Lifetime Holstein milk production record holder

Nor-Bert Colby Connie

3. Futures exchange which trades in interest rates, currencies, indices, metals, and agricultural products, abbreviated CME

Chicago Mercantile Exchange

4. Organization that celebrated its 50th anniversary in 2022 and is the only association in the U.S. that represents all classes of dairy products

Wisconsin Dairy Products Association

5. U.S. dairy exports posted another record year in terms of both volume and value in 2022, with this many billion pounds of dairy products leaving the country

6.2 billion pounds

6. Viral drink that swept the internet during the 2022 holiday season that is a combination of milk and Pepsi

Pilk

7. One-time cost of a National Junior Holstein membership

\$30

8. Number of hours per day a cow should be laying down

11 – 13 hours

9. Suggested body weight for Holstein heifers at time of first service

750 – 800 pounds

10. A footbath should be refilled after this many cow passes

150 – 300

11. Target pH for corn silage

4 pH

12. Number of states that average more than 1,000 cows per herd

9 states

13. Male bovine of any age

Bull

14. Plastic or metal tag placed in an animal's ear for identification purposes

Ear Tag

15. Animal whose lineage is formally recorded and tracked through its respective national breed association

Registered

16. System of assigning numeric values to various parts of a cow, based on how well they compare to breed ideals

Classification

17. An animal's physical characteristics and appearance

Phenotype

18. An animal born naturally without horns

Polled

19. Nation's largest dairy cooperative, both by member farms and member milk volume

Dairy Farmers of America (DFA)

20. National ice cream month

July

21. Dairy product that uses the largest portion of the U.S. milk

Cheese

22. World's largest dairy product importer

China

23. Skyr is this category of dairy product

Yogurt

24. Season of the year with the strongest butter sales

Fall

25. Nutrient that should be supplemented to calves that are dehydrated

Water

26. Tool used if a calf does not drink from a bottle

Esophageal Feeder

27. Percentage of calves born with supernumerary teats

50%

28. Calves begin having trouble regulating body temperature when the environmental temperature drops below this level

59°F

29. Time period when disbudding with caustic paste is typically done

Within the first week of life

30. Main health concern in scouring calves

Dehydration

31. Nutrient with the chemical symbol P

Phosphorus

32. Cows that have recently calved experience a drop in blood concentration of this mineral

Calcium

33. Most common micronutrient deficient in field corn

Zinc

34. Trace mineral found in very low levels in all forages and necessary for a number of body functions and disease resistance as well as being an essential constituent of blood

Copper

35. Lack of this mineral results in Grass Tetany

Magnesium

36. Two elements commonly found in footbaths that help with the formation of hard keratin in hooves

Copper & Zinc

37. Percentage of corn grown in the U.S. that is genetically modified

90%

38. Second largest importer of U.S. corn in 2022

Mexico

39. When photosynthetic capability is reduced, corn plants will transition nutrients from this part of the plant to fill kernels

Stalk

40. Point on the stalk where whole plant corn silage is typically harvested

Above the first node

41. Fungus that grows as galls that can develop in the aerial part of the corn plant, particularly in the ears; characteristically light blue color, and is considered a delicacy in some parts of the world

Corn Smut or huitlachoce (pronounced "hu-ay-la-co-chay")

42. Corn milling process where corn is ground and fermented with yeast, ultimately resulting in the production of ethanol and distillers grains

Dry Milling

43. Number of days in milk that cows who are cycling normally will start showing estrus

10 – 15 days in milk

44. Ideal age to remove extra teats in heifers

2 – 6 weeks

45. Average number of days after ovulation a cow will come back into heat if the egg has not been fertilized or does not implant

21 days

46. Repositioning and redistributing feed this many hours post-feeding will lessen the risk of having completely bare space in the feedbunk during the late hours when minimal feed remains

12 – 14 hours

47. Length of time after calving that it takes a cow to consume what she is fully capable of eating

1 month

48. Number of weeks of recommended regrowth to build winter energy reserves for alfalfa

5 – 6 weeks

49. Ideal soil pH for most forage crops

6 – 7 pH

50. Perfect soil contains this percent minerals

45%

51. Soil should be at least this many degrees when planting summer annual crops

60°F

52. Gram-positive, spore-forming anaerobic bacteria commonly found in soil

Clostridia

53. Quickest way to improve soil compaction on row crop land

Continuously Covered No-Till

54. Frequency crop fields should be soil tested

Once every three years

55. U.S. accounts for 83% of international dairy product sales to this country

Mexico

56. This can reduce the risk of injury from a fall off roofs, ladders, silos, corn bins, or other heights and should be secured around the shoulders, torso, and upper thighs

Safety Harness

57. State where construction began in June 2022 on the largest research dairy in the U.S.

Idaho

58. Senior winner of the 2023 Hoard's Dairyman Cow Judging Contest

Jeff Polinder

59. Number one organic commodity in agricultural production in 2021

Milk

60. Winner of the 2022 National Intercollegiate Dairy Judging Contest

Virginia Tech

61. Restaurant chain partnering with Dairy Farmers of America to provide farmers with data and technology to help them better understand farm greenhouse gas emissions

Pizza Hut

62. Most common housing method for Canadian dairy farms

Tie-Stall Barns

63. Type of cooperative that represented 17 of the 100 largest agricultural coops in 2021, according to USDA

Dairy Cooperatives

64. Job postings, internships, academic positions and more can be found on this site, an online job resource center free to all American Dairy Science Association members

myDairy Career

65. Accounts for the largest percentage of farm production expenditures

Feed

66. Piece of equipment that holds milk harvested from all of the individual cows in a herd

Bulk Tank

67. Average recommended number of cows per milking robot

50 to 60 cows

68. Milk-mineral deposits on milk handling equipment

Milk Stones

69. Part of milking system that is an automatic valve allowing air to enter or exit the shell of a milker

Pulsator

70. Piece of milking equipment composed of three sections: the head, barrel, and short milk tube

Inflation (Liner)

71. Environmental mastitis pathogen Prototheca is this kind of organism Algae

72. Percent of displaced abomasum cases that occur on the left side of the cow

95%

73. Percent body weight a cow loses at calving due to the weight of the calf, placenta and fluids

10 – 12%

74. Percentage of heats that can be classified as low intensity or short duration

25%

75. Recommended moisture content of corn silage

65 – 68%

76. National U.S. bulk tank butterfat average

4%

77. Percent of reduced efficiency debris build-up on fans can cause

40%

78. Small flies that congregate on eyes, nose, and nostrils of cattle

Face Flies

79. Larger species of flies that are three times bigger than stable flies, and feed on blood

Horse or Deer Flies

80. Color of cattle that is less prone to fly infestation

White

81. Small flies that congregate on back and sides of cattle, considered most economically important and damaging pest of pastured cattle

Horn Flies

82. Insect Growth Regulator (IGR) brand name that helps limit the impact from flies

Altosid or ClariFly

83. Look like common house flies and live on the legs and belly of cattle

Stable Flies

84. This occurs when the fourth stomach compartment of the cow becomes flaccid and filled with fluid and gas

Displaced Abomasum

85. Highly fatal intestinal disease of adult cows that occurs sporadically

Hemorrhagic Bowel Syndrome

86. Cow's stomach compartment that lies closest to the heart

Reticulum

87. Mycobacterial infection that causes inflammation in the small intestine

Johne's disease

88. Condition resulting from abnormal fermentation in the rumen

Lactic Acidosis

89. The most effective rumination occurs when a cow is doing this

Lying Down

90. The most common cause of high bacteria counts in milk

Dirty Milking Equipment

91. Helps producers quickly identify the presence of a mastitis pathogen to determine the best course of action for treatment

On-Farm Cultures

92. Represents the total bacterial population in milk; the greatest reflection of farm and cow hygiene with a legal limit of 100,000 CFU per milliliter

Standard Plate Count (SPC)

93. Indicates the presence of cold-tolerant bacteria; elevated counts could be a result of wash water not staying hot enough during the entire washup, incorrect or no sanitizers in the washup, milk being cooled too slowly, or milking wet teats

Preliminary Incubation

94. MacConkey's medium supports these kind of organisms when culturing milk samples

Gram Negative

95. Milk that comes from a healthy, infection-free udder will contain less than this many colony forming units

1,000 CFU

96. Part of the animal that should be blown up and set with adhesive spray in preparation for entering the showring

Topline

97. Distance above the top of the switch the tail should be clipped

3 – 4 inches

98. Common ailment that will make your animal ineligible for a show because it is infectious

Ringworm, Warts or Pinkeye

99. Size of small clipping blade to be used on the udder only

40 or 50 blade

100. The act of holding and lifting excess skin under your animal's chin while in the showring

Pulling throat