

2022 Dairy Jeopardy Practice Questions

1. Amount of teat that should be covered with pre- and post-dip
100%
2. Period when dairy cows are most susceptible to new intramammary infections
Dry period
3. Best choice of bedding for udder health
Sand
4. Structures in the udder that act as filters to destroy and remove bacteria
Supramammary lymph glands
5. Level at which somatic cell counts negatively affect consumer food products
300,000
6. Most costly and widespread health problem in dairy cows, an inflammatory disease of the mammary gland
Mastitis
7. Term describing removal of cows from the herd when they are sold
Cull
8. Term describing the time span between first calving and culling
Productive life
9. Mycobacterial infection that causes inflammation in the small intestine
Johne's disease
10. MLV stands for this, in relation to disease prevention
Modified-live virus
11. Beef breed with greatest amount of semen sold
Angus
12. Breed sometimes used in a crossbreeding program, abbreviated MO
Montbeliarde

13. Collaboration between American Simmental Association and Holstein Association USA, aimed at identifying elite SimAngus bulls with specific production attributes as mating solutions for producers breeding some of their herd to beef

HOLSim

14. When selecting beef bulls to use as part of a beef-on-dairy breeding program, selected sires should rank within this percentage of their breed for ribeye area

Top 20%

15. Beef genetic evaluations are expressed as EPDs, an acronym that stands for this

Expected Progeny Differences

16. Month that is designated as National Dairy Month

June

17. Essential nutrient that helps build and maintain strong bones and teeth

Calcium

18. Professional who helps dairy producers develop a balanced diet for their cows

Nutritionist

19. Temperature that milk is heated to during pasteurization

160 degrees F

20. Measures that farmers implement to secure facilities and milk supply are described as this

Biosecurity

21. Number of chromosomes found in dairy cattle

60 (or 30 pairs)

22. When two animals more closely related than the average population are mated

Inbreeding

23. PTPI on a pedigree stands for this

Pedigree Total Performance Index

24. What the acronym SNP stands for, in relation to genetics

Single Nucleotide Polymorphism

25. This genetic value incorporates the traits Foot Angle, Rear Legs-Rear View, Feet and Leg Score, and Stature

Foot & Leg composite

26. Acronym DGA, in relation to human nutrition

Dietary Guidelines for Americans

27. Term for mastitis in the same quarter, same lactation, more than one time

Recurrence or re-infection

28. HPF is the acronym for this type of system used to cool cows

High-Pressure fogging

29. According to National DHIA data, this percentage of Holstein cows were bred to a beef bull in 2020

25-30%

30. Number of sections in the Holstein USA Sire Summaries book

Five

31. 2021 International Junior Holstein Show Judge

Brandon Ferry

32. 2021 Holstein Association USA Distinguished Young Holstein Breeders

Mackenzie, Andy, Tyler, and Kelly Reynolds

33. Most recent Holstein Association USA Star of the Breed

Eastriver Gold Deb 176

34. Current World Dairy Expo Board of Directors President

Bill Hageman

35. 2021 Holstein Association USA Elite Breeders

Emerald Acres

36. IMI, in relation to udder health

Intramammary infections

37. Ailment caused by energy imbalance that can be avoided by preventing obesity in cows, and can be diagnosed by measuring BHBA concentrations in the blood

Ketosis

38. Ideal age to remove extra teats in heifers

2 to 6 weeks

39. Vaccinations for this disease must be administered by a veterinarian after 4 months of age

Brucellosis

40. Disease that most commonly affects high producing mature cows, characterized by a rapid onset of going off feed with colic, often producing blood clots mixed with darker feces over the next 24 to 48 hours, typically followed quickly by death

Hemorrhagic Bowel Syndrome (HBS)

41. Issue occurring around the time of calving, caused by a hormonal imbalance, and can be prevented by supplemental vitamin E and selenium in diet

Retained placenta

42. Bloating in calves under 3 weeks of age is usually caused by accumulating gas in this stomach compartment

Abomasum

43. Local anesthetic injected before disbudding

Lidocaine

44. Research has shown greater than 18% of this in milk replacer can lead to reduced solid feed intake and performance at weaning

Fat

45. Below this temperature, a calf expends energy to maintain body temperature

50 degrees F

46. Number of hours per day calves should have light for optimal calf performance

16 hours

47. Calves can experience pain for up to 11 days after this common management practice

Disbudding or dehorning

48. Short section of DNA, or sequence of base pairs, passed on to next generation

Haplotype

49. The acronym PPD represents this, in relation to milk marketing

Producer Price Differential

50. HLIV is the abbreviation for this genetic term that is an indicator of youngstock mortality

Heifer livability

51. Term for the storm that flattened millions of acres and damaged grain storage in Iowa during the fall of 2020, with wind gusts over 60 miles per hour

Derecho

52. This country boasts the most farms in the top 10 list of largest dairy operations in the world

China

53. Nestle unveiled this new flavor of milk in January 2021

Cinnamon Toast Crunch

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

Horn flies

55. Look like common house fly and lives on the legs and belly of cattle

Stable flies

56. Larger species of flies that are 3 times bigger than stable flies, and feed on blood

Horse or deer flies

57. Insect Growth Regulator (IGR) that helps limit the impact from flies

Altosid or ClariFly

58. Fly control method for cattle other than IGR

Fly tags or pour on/fly spray

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

Face flies

60. The acronym ADG, in relation to bovine nutrition

Average Daily Gain

61. Optimal feed bunk space per cow

24 to 30 inches

62. Substance that produces an electrically conducting solution when dissolved in a solvent such as water and a common treatment for dehydration

Electrolyte

63. Abbreviated KPS, the percentage of corn silage starch that passes through a screen and helps predict the rate of starch digestion in corn silage

Kernel Processing Score

64. Aspergillus, fusarium, penicillium, are examples of this type of compound

Mycotoxins

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

5-6 weeks

66. Cost to register an animal under three months of age, if a state and national Holstein member

\$10

67. Number of youths recognized as National Young Distinguished Junior Member Finalists

Eight

68. Produced with genetic evaluations, this list contains the top 5,000 cows based on the Holstein Association's Total Performance Index

Locator list

69. Online tool that allows you to predict the impact that inbreeding will have on matings you are considering

Inbreeding calculator

70. Employees of Holstein USA located throughout the country, available to meet breeders for one-on-one assistance

Regional Sales Representative

71. Cost of a standard format Internet pedigree

\$3.00

72. Authorized by 2018 Farm Bill, this coverage protects a margin between the all-milk price and feed costs based on premium alfalfa prices, corn prices and soybean meal prices

Dairy Margin Coverage (DMC)

73. In 2018 Farm Bill, milk price insurance tool that sets a quarterly floor milk price
Dairy Revenue Protection (Dairy-RP)
74. Monthly revenue coverage program based on margin of milk prices over feed costs
Livestock Gross Margin (LGM-Dairy)
75. This sets a fixed delivery price for a specific product and volume for a specific period
Forward contract
76. In Futures markets, gives owner the right, but not obligation, to sell a futures contract at set price
Put (option)
77. Gives owner right to buy futures contract at a set price
Call (option)
78. Once mixed, teat dips should be used within this time frame for proper bacteria killing power
24 to 48 hours
79. Alternative material to rubber teat cup milking liners that is longer-lasting, ensures healthier teat ends and great cow comfort, and a lower overall carbon footprint
Silicone
80. To improve udder health, it is recommended that cows be producing this much milk, or less, per day at dry-off
30 to 35 pounds
81. 2020 national average for DHIA test-day somatic cell count, in cells per milliliter
178,000 per milliliter
82. This group of milk fatty acids is comprised of less than 16 carbons, is synthesized in the mammary gland by the cow, and is influenced by rumen fermentation
De novo
83. Acute, clinical, or subclinical are forms of this common dairy cow ailment
Mastitis
84. GnRH is the acronym commonly used for this hormone
Gonadotropin releasing hormone

85. Part of the reproductive tract that provides a suitable environment for fetal development

Uterus

86. Outlet for all sperm produced in the testes

Epididymis

87. Number of minutes calving personnel should wait to assist after the amniotic sac appears

70 minutes

88. ELISA is the acronym used to describe this type of test

Enzyme-linked immunosorbent assay

89. Normal calf delivery position is called this

Frontal or Anterior position

90. Most common type of feed additive used in dairy cow rations

Buffer

91. Category of vitamins including biotin, folic acid, and niacin, that are involved in energy balance

B [Complex] Vitamins

92. Can improve dry matter intake and rumen function, has several modes depending on if live or culture

Yeast

93. Dairy cows digest this percentage of the Total Mixed Ration they consume, on average

60 to 65%

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

Dry Milling

95. Helps liver export fat and prevent fatty liver and ketosis

Rumen-Protected Choline

96. Top dairy cooperative, in terms of sales, volume and farms

Dairy Farmers of America (DFA)

97. Program where dairy farmers partner with the NFL to promote healthy lifestyles for kids

Fuel up to Play 60

98. SNAP is the acronym used to describe this government program

Supplemental Nutrition Assistance Program

99. Cheese was the star of this rectangular-shaped pizza, made available as a limited time offering from Pizza Hut

Detroit [Style]

100. New sports drink made from milk that launched in 2021 that is clear in color

GoodSport