# 2022 NC FFA Dairy Evaluation Test

|    | 2022 NOTTA Buily Evaluation 1630   |
|----|--|
| 1. | According to the latest edition of NC Ag. Statistics, how many dairy cows were in NC as of Jan. 2021?  |
|    | a. 14,000  |
|    | b. 40,000  |
|    | c. 140,000   |
|    | d. 400,000   |
| 2. | Based on the Dairy Cow Unified Scorecard, which trait is given the most priority points when evaluating the Udder?  a. Fore udder  b. Teat placement  c. Udder balance  d. Udder depth |
| 3. | Which "major trait" is considered 25% of the Dairy Cow Unified Scorecard?  |

- a. Dairy strength
- b. Frame
- c. Rear feet and legs
- d. Udder
- 4. What dairy breed is described as having "a shade of fawn and white markings throughout clearly defined."
  - a. Ayrshire
  - b. Brown Swiss
  - c. Guernsey
  - d. Jersey
- 5. Grade A milk in Class I is:
  - a. Milk used to produce cheese
  - b. Milk eligible for fluid use
  - c. Milk used to produce butter
  - d. Manufacturing milk
- 6. The best hay for dairy cattle use is:
  - a. Alfalfa
  - b. Coastal Bermudagrass
  - c. Oats
  - d. Red clover

|            | ow of milk from a cow's udder is controlled by the:   |
|------------|---|
|            | . Alveoli   |
| _          | . Gland cistern   |
| -          | Milk ducts  |
| a          | . Sphincter muscle  |
| 8. A cor   | dition in which the afterbirth is not discharged with 12-24 hours after calving is known as:        |
| a          | . Displaced abomasum  |
| b          | . Ketosis   |
| С          | Metritis  |
| d          | . Retained placenta   |
| 9. After   | calving, it is recommended that most cows be bred again in:   |
| a          | . 20-30 days  |
| b          | . 30-40 days  |
| С          | 40-50 days  |
| d          | . 50-60 days  |
| 10. Isolat | ion in a dark place and the use of antibiotics or sulfa drugs are treatments for cows infected with |
| a          | . Brucellosis   |
| b          | . Conjunctivitis  |
| С          | Founder   |
| d          | . Trichomoniasis  |
| 11. Whei   | compared to hay that is more mature when harvested, early cut hay has a:                            |
| a          | . Higher feed value   |
| b          | . Higher dust content   |
| С          | Lower moisture content  |
| d          | . Lower nutritional value   |
| 12. A hig  | nly palatable feed that yields more energy per acre than any other forage is:                       |
| a          | . Coastal Bermuda silage  |
| b          |   |
| С          | Small grain silage  |
| d          |   |
|            |   |

| 13. Dairy I | Herd Improvement testing requires a DHIA supervisor to visit the farm:  |
|-------------|---|
| a.          | Once a year   |
| b.          | Once every three months   |
| C.          | Once a month  |
| d.          | Twice a year  |
| 14. Milk is | manufactured in the udder by:   |
| a.          | Alveoli   |
| b.          | Milk ducts  |
| C.          | Sphincter muscles   |
| d.          | Teats   |
| 15. The m   | ajor cost of the actual milking process is:                             |
| a.          | Barns   |
| b.          | Equipment   |
| C.          | Labor   |
| d.          | Medicine  |
| 16. A shor  | tage of which component in the blood can lead to milk fever?            |
| a.          | Calcium   |
| b.          | Iron  |
| C.          | Magnesium   |
| d.          | Sugar   |
| 17. Which   | of the following is a non-cash expense in the budget of a dairy farm?   |
| a.          | Calf sales  |
| b.          | Depreciation  |
| C.          | Feed purchased  |
| d.          | Hired labor   |
| 18. A majo  | ority of milk produced in the United States is marketed through:        |
| a.          | Cooperatives  |
| b.          | Direct farm sales   |
| C.          | Ice cream vendors   |
| d.          | Pet food contracts  |
| 19. Which   | of the following is <i>not</i> a reason for raising dairy replacements? |
| a.          | Greater control of genetics and pedigrees                               |
| b.          | Income from sale of extra heifers                                       |
| С.          | Less chance of bringing disease into the herd                           |
| Ь           | More expensive than buying replacements                                 |

| d.              | December  |
|-----------------|---|
|                 |   |
| Use the attache | ed Dairy Herd Summary to answer questions 21-25.  |
| 21. During      | which quarter does this herd have the greatest difficulty with conception?  |
| _               | Jan - Mar   |
| b.              | Apr - Jun   |
| c.              | July - Sept   |
|                 | Oct - Dec   |
| 22. What is     | s the actual average somatic cell count for this herd?  |
|                 | 124,000   |
| b.              | 230,000   |
| C.              | 267,000   |
| d.              | 300,000   |
| 23. Which       | group of cows had the highest number of culls due to breeding issues?   |
| a.              | 1 <sup>st</sup> Lactation   |
| b.              | 2 <sup>nd</sup> Lactation   |
| C.              | 3 <sup>rd</sup> Lactation   |
| d.              | 4 <sup>th</sup> Lactation   |
| 24 For this     | s herd, what is the predetermined time between parturition and the time at which the cow is first eligible for insemination.                  |
|                 | 32  |
|                 | 70  |
|                 | 72  |
|                 | _72<br>_76  |
| <u>u.    </u>   |   |
| 25. If you v    | vant to compare the average milk production of this herd from one month to the next and remove the effects of days in milk, breed, and number |
| of lacta        | ations which vary from test to test, which column of data would you use?  |
| a.              | Test Day Averages (Milking Cows) Milk   |
| b.              | 150 Day Milk  |
| C.              | Rolling Yearly Average Herd Milk  |
| d.              | Projected 305 Day Milk Equivalent   |
|                 |   |
|                 |   |
|                 |   |

20. Fluid milk consumption is typically at its lowest during which month?

a. Januaryb. Junec. October

8

# **HERD SUMMARY**

55-99-9999 HENRY SMITH

Test Date 03-24-2020

Samples at Lab 0 03-27-2020 Processed **03-27-2020** 

Aller and the second se

Electronic Meters Breed HO Type Test DHIR-APCS Assoc. 300 Supv. 261 String All Strings

### **Production, Income & Feed Cost Summary**

| Production                          | Daily          | tana | 2 798 6 |             | CONTRACTOR OF THE PRODUCTION | ng Yea       | -,00     |
|-------------------------------------|----------------|------|---------|-------------|------------------------------|--------------|----------|
|                                     | Cow            |      |         |             |                              | Avera        |          |
| Total Cows                          |                | 10   | 6       |             |                              | 117.1        |          |
| Cows in Milk                        | Numb           | er   |         | %           | Numbe                        | er           | %        |
|                                     | 103            |      |         | 97          | 105.4                        | l            | 90       |
| Milk Lbs<br>(All Cows)              |                | 75.  | 7       |             |                              | 24724        |          |
| Fat Lbs<br>(All Cows)               |                | 3.3  | 4       |             |                              | 1013         |          |
| Fat %                               |                | 4.   | 4       |             |                              | 4.1          |          |
| Protein Lbs<br>(All Cows)           |                | 2.5  | 8       |             |                              | 824          |          |
| Protein %                           |                | 3.   | 4       |             |                              | 3.3          |          |
| Milk Lbs<br>(Milking Cows)          |                | 77.  | 9       |             |                              |              |          |
|                                     | Milkin<br>Cows |      | c       | All<br>Cows |                              |              |          |
| Silage                              | Lbs            | Cor  | nsur    | ned         | Lbs Cons                     | sumed        | %ENE     |
| Other Succulents or Blended Rations | Lbs            | Cor  | nsur    | ned         | Lbs Cons                     | Lbs Consumed |          |
| Dry Forage                          | Lbs            | Cor  | nsur    | ned         | Lbs Cons                     | sumed        | %ENE     |
| Other Feeds                         | Lbs            | Cor  | nsur    | ned         | Lbs Cons                     | sumed        | %ENE     |
| Pasture                             |                |      |         |             | Day                          | S            | %ENE     |
| Concentrates                        | Lbs            | Cor  | nsur    | ned         | Lbs Cons                     | sumed        | %ENE     |
| Value of Product \$                 | 15.8           | 2    |         | 15.22       |                              | 4832         |          |
| Cost of Concentrates \$             |                |      |         |             |                              |              |          |
| Total Feed Cost \$                  | -              |      |         |             |                              |              |          |
| Income Over<br>Feed Cost \$         |                |      |         | ,           |                              |              |          |
| Feed Cost per<br>CWT Milk \$        |                |      |         |             |                              |              |          |
| Milk Blend Price                    | Per<br>CWT     |      | %<br>at | %<br>Pro    | Per<br>CWT                   | %<br>Fat     | %<br>Pro |
|                                     | 18.00          | 3    | .7      | 3.0         | 18.00                        | 3.7          | 3.0      |

#### **Reproductive Summary Of Current Breeding Herd**

| Total Cows    | Voluntary<br>Waiting | Days<br>to 1st | 100000000000000000000000000000000000000 | Cows With No Service<br>Dates or Diag. Open |        |                       | Cows Bred But Not Diag. Preg. Days Open at Last Service |        |          |          |
|---------------|----------------------|----------------|---|---|--------|-----------------------|---|--------|----------|----------|
| Breeding Herd | Period (VWP)         | Service        | Open                                    | Open  | Number |                       | Under   | VWP to | 101 to   | Over     |
| 42            | 70 72                | 72             | VWP to<br>100 Days                      | Over<br>100 Days                            |        |                       | VWP 100 Days  |        | 130 Days | 130 Days |
| 19            |                      |                |   | 10  | 6      | Number Cows           | 6   | 11     | 6        | 9        |
|               |                      |                |   | 24  | 14     | % of<br>Breeding Herd | 14  | 26     | 14       | 21       |

#### **Reproductive Summary Of Total Herd**

|           | Days O                 | pen at 1st              | Service               | Avg.                      |                        | es per      | Projec                       |              |
|-----------|------------------------|-------------------------|-----------------------|---------------------------|------------------------|-------------|------------------------------|--------------|
|           | Number<br>Under<br>VWP | Number<br>VWP<br>to 100 | Number<br>Over<br>100 | Days<br>to 1st<br>Service | Pregr<br>Pregr<br>Cows | All<br>Cows | Minim<br>Calving<br>Interval | Days<br>Open |
| 1st Lact  | 5                      | 12                      | 2                     | 87                        | 2.1                    | 3.3         | 13.8                         | 139          |
| 2nd Lact  | 8                      | 18                      |                       | 70                        | 2.5                    | 4.2         | 13.6                         | 133          |
| 3+ Lacts  | 6                      | 17                      |                       | 73                        | 2.9                    | 3.6         | 13.5                         | 129          |
| All Lacts | 19                     | 47                      | 2                     | 76                        | 2.6                    | 3.7         | 13.6                         | 133          |
| % of All  | 28                     | 69                      | 3                     |                           | Current                | t Actual    | 12.4                         |              |

| Servi  | Electric to | Ser               | Services for Past 12 Months |                    |                             |  |  |  |  |  |
|--|-------------|-------------------|-----------------------------|--------------------|-----------------------------|--|--|--|--|--|
| Heat Interval Interval Number Length Intervals |             | Service<br>Number | Number<br>Services          | Conception<br>Rate | Service<br>Sire<br>Merit \$ |  |  |  |  |  |
| < 18 7   |             | 7 1st 139         | 139                         | 29                 | +510                        |  |  |  |  |  |
| 18 - 24  | 18          | 2nd               | 69                          | 25                 | +505                        |  |  |  |  |  |
| 36 - 48  | 44          | 3rd +             | 86                          | 26                 | +509                        |  |  |  |  |  |
| Other  | 32          | Total             | 294                         | 27                 | +508                        |  |  |  |  |  |
|  |             | Abortions         | This Te                     | est Pa             | st Year                     |  |  |  |  |  |
|  |             | Actual            |                             |                    | 1                           |  |  |  |  |  |

#### **Birth Summary**

| Dam's |       | Offspring Born |         |      |                          |    |   |     |      |  |  |  |  |  |
|-------|-------|----------------|---------|------|--------------------------|----|---|-----|------|--|--|--|--|--|
| Lact  | Males |                | Females |      | Calving Difficulty Score |    |   | e   |      |  |  |  |  |  |
| Num   | Alive | Dead           | Alive   | Dead | 1                        | 2  | 3 | 4-5 | %4-5 |  |  |  |  |  |
| 1     | 3     | 1              | 21      | 2    | 17                       | 6  | 4 |     |      |  |  |  |  |  |
| 2+    | 47    | 4              | 39      | 2    | 68                       | 14 | 5 | 1   | 1    |  |  |  |  |  |
| Total | 50    | 5              | 60      | 4    | 85                       | 20 | 9 | 1   | 1    |  |  |  |  |  |

## Cows To Be Milking, Dry, Calving By Month

|                  | Apr | May | Jun | Jul | Aug | Sep |
|------------------|-----|-----|-----|-----|-----|-----|
| * Milking        | 103 | 95  | 92  | 95  | 92  | 94  |
| Dry              | 4   | 11  | 13  | 11  | 15  | 13  |
| Cows to Calve    | 2   | 1   | 3   | 10  | 7   | 7   |
| Heifers to Calve | 4   | 1   | 1   | 3   | 3   | 2   |

<sup>\*</sup> Assumes 2.5% per month culling rate.

# **Yearly Reproductive Summary**

Apparent

| Test<br>Date | %<br>Heats<br>Obs. | Conception<br>Rate | Preg<br>Rate | Number<br>Services | Number<br>Confirm<br>Preg | Number<br>Calving | Total<br>Preg<br>Cows |
|--------------|--------------------|--------------------|--------------|--------------------|---------------------------|-------------------|-----------------------|
| Test Dropped | 78                 | 31                 | 38           | 32                 | 6                         | 20                | 68                    |
| 4-25-19      | 69                 | 34                 | 36           | 44                 | 16                        | 19                | 62                    |
| 5-20-19      | 51                 | 32                 | 23           | 19                 | 7                         | 9                 | 63                    |
| 6-16-19      | 65                 | 32                 | 29           | 22                 | 8                         | 11                | 63                    |
| 7-11-19      | 76                 | 11                 | 15           | 19                 | 6                         | 6                 | 58                    |
| 8-08-19      | 34                 | 14                 | 8            | 14                 | 4                         | 6                 | 58                    |
| 9-12-19      | 60                 | 17                 | 10           | 18                 | 4                         | 12                | 55                    |
| 10-20-19     | 80                 | 35                 | 28           | 31                 | 5                         | 10                | 47                    |
| 11-17-19     | 65                 | 30                 | 23           | 20                 | 8                         | 6                 | 49                    |
| 12-30-19     | 60                 | 23                 | 19           | 35                 | 11                        | 17                | 46                    |
| 1-28-20      | 58                 | 13                 |              | 23                 | 6                         | 9                 | 44                    |
| 2-21-20      | 63                 |                    |              | 18                 | 5                         | 9                 | 40                    |
| 3-24-20      | 59                 |                    |              | 28                 | 3                         | 7                 | 36                    |
| Averages     | 62                 | 24                 | 24           | 24                 | 7                         | 10                | 52                    |
| Totals       |                    |                    |              | 291                |                           | 121               |                       |

#### Miscellaneous Herd Information

|                                      | Shipped-Test | Day Comparison |     | Milking Times | \\/ah | Spl            |
|--------------------------------------|--------------|----------------|-----|---------------|-------|----------------|
|                                      | Test Day     | Yearly Avg.    |     |               |       | Serving No. 10 |
| Sum of Test Day Wts                  | 8008         | 7687           | 1st | 4:30am        | Y     | N              |
| Reported Avg.<br>Daily Bulk Tank Wts | 8083         | 7641           | 2nd | 3:30pm        | Y     | Υ              |
| % Deviation                          | 9            | +.6            | 3rd |               |       |                |

#### Remarks:

Cows milked 3 times daily for all or part of this yearly period.

|            |       |          |        |        | Herd Co   | ode 55-9          | 9-9999 T     | est Date | 03-24-2020          | Breed     | но     | String  | All St         | rings       |      |
|------------|-------|----------|--------|--------|-----------|-------------------|--------------|----------|---------------------|-----------|--------|---------|----------------|-------------|------|
|            |       |          | 5      | Stage  |           | tation F          |              | ou ov    |                     | Ag<br>Gro |        | 10000   | ımber<br>imals | A           |      |
|            |       |          |        |        |           | Stage of La       | ctation (Day | /s)      |                     | 0 -       | 2000   |         | 53             |             | 2    |
|            |       |          |        | 1 - 40 | 41 - 100  | 101 - 199         | 200 - 305    | 306+     | Total or<br>Average | 13        |        |         | 50             |             | 20   |
|            |       | 1st      | Lact   | 1      | 4         | 5                 | 9            | 4        | 23                  | Replace   | ements |         | 103            |             | 1000 |
| Numl       | ber   | 2n       | d Lact | 3      | 9         | 10                | 9            | 2        | 33                  | 1st Lac   | :t     |         | 24             |             | 20   |
| Milki      | ng    | 3+       | Lacts  | 3      | 8         | 26                | 7            | 2        | 46                  | 2nd La    | ct     |         | 34             |             | 1888 |
|            |       | All      | Lacts  | 7      | 21        | 41                | 25           | 8        | 102                 | 3+ Lac    | ts     |         | 48             |             | 100  |
|            |       | 1st      | Lact   | 63     | 76        | 71                | 66           | 62       | 68                  | All Lac   | ts     |         | 106            |             | 3    |
| Avera      | 0.000 | 2n       | d Lact | 100    | 96        | 77                | 56           | 38       | 76                  |           | % 10   | dentifi | ed (Pro        | ducing      |      |
| Dai<br>Mil | 58    | 3+ Lacts |        | 107    | 108       | 83                | 65           | 41       | 84                  |           |        |         |                |             |      |
| IVIII      |       | All      | Lacts  | 98     | 97        | 80                | 62           | 51       | 78                  |           |        |         |                |             | Т    |
|            | 15    | t        | % Fat  | 4.4    | 4.2       | 4.1               | 4.7          | 4.8      | 4.5                 |           |        | Nim     | nber           | Ava         | l    |
|            | La    | ct       | % Pro  | 3.3    | 3.1       | 3.4               | 3.6          | 3.9      | 3.5                 |           |        |         | of             | Avg.<br>Age | l    |
| %          | 2n    | d        | % Fat  | 4.2    | 4.5       | 4.5               | 4.5          | 4.8      | 4.5                 |           |        | Co      | ws             | (Mo)        |      |
| Fat        | La    | ct       | % Pro  | 3.2    | 3.3       | 3.6               | 3.6          | 3.8      | 3.5                 | 1st Lac   | :t     |         | 24             | 23          | İ    |
| &          | 3-    | H        | % Fat  | 4.4    | 4.3       | 4.5               | 4.4          | 5.4      | 4.5                 | 2nd La    | ct     |         | 34             | 35          | İ    |
| Pro        | Lac   | cts      | % Pro  | 3.0    | 3.1       | 3.5               | 3.5          | 3.9      | 3.4                 | 3+ Lac    | ts     |         | 48             | 61          | İ    |
|            | Α     | II       | % Fat  | 4.3    | 4.4       | 4.5               | 4.5          | 5.0      | 4.5                 | All Lac   | ts     | 9       | 106            | 44          | İ    |
|            | Lac   | cts      | % Pro  | 3.1    | 3.2       | 3.5               | 3.6          | 3.9      | 3.5                 |           |        | ***     | -              |             | -    |
|            |       | 1st      | Lact   | 31     | 43        | 130               | 62           | 49       | 70                  |           |        |         |                |             |      |
| SC         | С     | 2n       | d Lact | 967    | 222       | 2 55 111 1987 291 |              | 291      |                     | г         | \m     | Cow     | Dro            |             |      |
| AC         | Т     | 3+       | Lacts  | 220    | 779       | 194               | 208          | 297      | 330                 |           |        |         |                | 1 10        | -    |
|            | ſ     | All      | Lacts  | 530    | 432       | 154               | 120          | 465      | 267                 | a 2       | Num    | 7000    | Avg.           |             | J    |
| SC(        |       | Nu       | mber   | 3      | 6         | 5                 | 4            | 4        | 22                  | Lact.     | Perio  |         | Days<br>Dry    | < 4         | _    |
| >= 2       |       | Pe       | rcent  | 43     | 29        | 12                | 16           | 50       | 21                  | 1         | , enc  | ,,,,    | Dig            | - 4         | _    |
| Weig       | hte   | d S      | CC AC  | T (Nea | rest 1,00 | 00)               |              |          |                     | 2         | 85     | 4       | 48             |             | 7    |
|            |       |          |        | · ·    |           | 6.                |              |          |                     |           |        | )4      | 40             |             | 8    |

## Identification And Genetics (Genetic Data Source: CDCB)

|               | Age                             | Number  | Avg. Age | Num. Id | ent. By | Number        | No. Animals       | Average Merit \$ |      | Herd Merit \$            | Genetic Profile   |                   |                     |               |  |  |  |
|---------------|---------------------------------|---------|----------|---------|---------|---------------|-------------------|------------------|------|--------------------------|-------------------|-------------------|---------------------|---------------|--|--|--|
| 7             | Group                           | Animals | (Yr-Mo)  | Sire    | Dam     | ID<br>Changes | with<br>s Merit\$ | Animal           | Sire | Option                   | of Service Sires  |                   |                     |               |  |  |  |
| $\dashv \Box$ | 0 - 12                          | 53      | 0-05     | 53      | 53      |               | 53                | +338             | +580 | NM                       | A.I.              | A.I.              | All                 | Non           |  |  |  |
| 6             | 13+                             | 50      | 1-06     | 50      | 50      |               | 49                | +317             | +488 |                          | Progeny<br>Tested | Genomic<br>Tested | Other<br>A.I. Bulls | A.I.<br>Bulls |  |  |  |
| R             | Replacements                    | 103     | 0-11     | 103     | 103     |               | 102               | +327             | +535 | % of Herd                | 32                | 39                | 14                  | 15            |  |  |  |
| 1             | st Lact                         | 24      | 1-11     | 24      | 24      |               | 23                | +259             | +400 | Bred to                  | 32                | 33                | I.M.                | 3.53          |  |  |  |
| 2             | nd Lact                         | 34      | 2-11     | 34      | 34      | 1             | 33                | +253             | +333 | Number of<br>Bulls Used  | 11                | 17                | 1                   | DCR           |  |  |  |
| 3             | + Lacts                         | 48      | 5-01     | 47      | 48      | 5             | 46                | +237             | +380 | Average                  | +533              | +772              | +0                  | Milk          |  |  |  |
| A             | II Lacts                        | 106     | 3-08     | 105     | 106     | 6             | 102               | +247             | +369 | Merit \$ Ava. Percentile | in the second     | 2 52 52           | 13.1978             | 104           |  |  |  |
|               | % Identified (Producing Females |         |          | 99      | 100     | No. F         | leifers Age Ov    | er 30 Months     | 3    | Rank (Net Merit)         | 62                | 85                |                     | 120           |  |  |  |

#### **Production By Lactation Summary**

## Somatic Cell Summary

|           |        |             | # 1500       |                | ENGINEERICATION PROPERTY SERVICE SERVI |      |     |                                 |     |     |              |  |                    |                    |                   |                |  |  |  |
|-----------|--------|-------------|--------------|----------------|--|------|-----|---------------------------------|-----|-----|--------------|--|--------------------|--------------------|-------------------|----------------|--|--|--|
|           | Number | Avg.<br>Age | Peak<br>Milk | Summit<br>Milk | Proj 305 Day ME  |      |     | Difference<br>From<br>Herdmates |     |     | Avg.<br>Bodv | 0,1,2,3  | 4                  | ows SCC S          | 6                 | 7,8,9          |  |  |  |
|           | Cows   | (Mo)        |              |                | Milk   | Fat  | Pro | Milk                            | Fat | Pro | VVt.         | Below<br>142,000                               | 142,000<br>283,000 | 284,000<br>565,000 | 566,000<br>1.13 M | 0ver<br>1.13 M |  |  |  |
| 1st Lact  | 24     | 23          | 82           | 74             | 25232  | 1060 | 833 | +1330                           | +61 | +50 | 1250         | 87   | 9                  | 4                  |                   |                |  |  |  |
| 2nd Lact  | 34     | 35          | 101          | 95             | 25198  | 1082 | 854 | +1155                           | +81 | +53 | 1510         | 70   | 3                  | 12                 | 6                 | 9              |  |  |  |
| 3+ Lacts  | 48     | 61          | 126          | 120            | 24753  | 1039 | 820 | +765                            | +35 | +26 | 1630         | 67   | 13                 | 11                 | 2                 | 7              |  |  |  |
| All Lacts | 106    | 44          | 109          | 102            | 25006  | 1057 | 834 | +1015                           | +55 | +40 | 1510         | 73   | 9                  | 10                 | 3                 | 6              |  |  |  |
| 3         | 200    |             |              | 9              |  |      | »   | W.                              | 4 1 |     |              | Herd Production Lost From SCC This Test Period |                    |                    |                   |                |  |  |  |
|           |        |             |              |                |  |      |     |                                 |     |     |              | Milk   | 296                | llars (\$)         | 534               |                |  |  |  |

# **Dry Cow Profile**

# Yearly Summary Of Cows Entered And Left The Herd

| Lact. | Number<br>Dry<br>Periods | Avg.    | Number Dry<br>by Days |         |      |      |    | Cov  | /s | Number of Cows Left the Herd        |      |       |          |                |        |        |         |      |      |  |  |
|-------|--------------------------|---------|-----------------------|---------|------|------|----|------|----|-------------------------------------|------|-------|----------|----------------|--------|--------|---------|------|------|--|--|
|       |                          | Days    |                       |         |      |      |    | Left |    |                                     | Low  |       | 10000000 | N. C. A. C. C. | Feet & | Injury | _       | -    | Not  |  |  |
|       |                          | Dry     | < 40                  | 40-70   | > 70 | Num. | %  | Num. | %  | Dairy                               | Prod | Repro | Mast     | Udder          | Legs   | Other  | Disease | Died | Rptd |  |  |
| 1     |                          |         |                       |         |      | 29   | 25 | 22   | 19 | 9                                   | 3    | 6     | 1        | 1              |        | 2      |         |      |      |  |  |
| 2     | 34                       | 48      | 1                     | 33      |      |      |    | 17   | 15 | 4                                   | 2    | 2     | 3        |                | 1      | 1      |         | 4    |      |  |  |
| 3+    | 47                       | 56      |                       | 42      | 5    | 16   | 14 | 68   | 58 | 13                                  | 21   | 4     | 11       | 2              | 4      | 2      | 1       | 10   |      |  |  |
| All   | 81                       | 52      | 1                     | 75      | 5    | 45   | 38 | 107  | 91 | 26                                  | 26   | 12    | 15       | 3              | 5      | 5      | 1       | 14   |      |  |  |
| 8 9   | iction /                 | 5 20023 | 50 897283             | 120 820 |      |      |    |      | 47 | % Left Herd For Involuntary Reasons |      |       |          |                |        |        |         |      |      |  |  |

# **Yearly Production And Mastitis Summary**

|              | Days           | Number<br>Cows<br>In Herd |             | Averages      |         | Test<br>Period<br>Persist.<br>Index |              |      | Average | S    |       | lling Yea |     |                             |                         | Vietorio Sacremo        | Cell Coun              | t Summar                | 4                      |                       |         | Numbe<br>Left He |      |
|--------------|----------------|---------------------------|-------------|---------------|---------|-------------------------------------|--------------|------|---------|------|-------|-----------|-----|-----------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-----------------------|---------|------------------|------|
| Test         | In             |                           | (WillKing   | g Cows)       | 150 Day |                                     |              | (All | Cows)   | 1    | HE    | rd Avera  | ge  | % Cows SCC Score            |                         |                         |                        |                         | Avg.                   | Wt.                   | NAL INT | Leπ              | nera |
| Date         | Test<br>Period | On<br>Test Day            | DIM         | Milk          | Milk    |                                     | % In<br>Milk | Milk | %Fat    | %Pro | Milk  | Fat       | Pro | 0,1,2,3<br>Below<br>142,000 | 4<br>142,000<br>283,000 | 5<br>284,000<br>565,000 | 6<br>566,000<br>1.13 M | 7,8,9<br>Over<br>1.13 M | SCC<br>Linear<br>Score | Avg.<br>Actual<br>SCC | MUN     | Died             | Sold |
| Test Dropped | 29             | 168                       | 150         | 78.4          | 79.3    | 107                                 | 89           | 69.3 | 4.5     | 3.4  | 22637 | 920       | 737 | 65                          | 15                      | 8                       | 8                      | 4                       | 3.0                    | 300                   | 11.7    | 3                | 1    |
| 4-25-19      | 40             | 159                       | 152         | 72.1          | 71.9    | 100                                 | 93           | 67.0 | 4.1     | 3.3  | 22678 | 927       | 742 | 67                          | 10                      | 9                       | 7                      | 7                       | 3.2                    | 339                   | 12.5    |                  | 10   |
| 5-20-19      | 25             | 157                       | 161         | 71.9          | 72.7    | 100                                 | 93           | 66.9 | 3.9     | 3.2  | 22746 | 932       | 747 | 64                          | 17                      | 6                       | 6                      | 8                       | 3.2                    | 273                   | 11.7    | 1                | 6    |
| 6-16-19      | 27             | 146                       | 169         | 69.7          | 72.2    | 108                                 | 95           | 65.9 | 3.5     | 3.2  | 22873 | 939       | 754 | 64                          | 12                      | 10                      | 3                      | 10                      | 2.9                    | 306                   | 13.0    | 2                | 13   |
| 7-11-19      | 25             | 111                       | 153         | 80.3          | 81.3    | 106                                 | 89           | 71.6 | 4.0     | 3.1  | 23018 | 948       | 761 | 70                          | 11                      | 9                       | 6                      | 3                       | 2.4                    | 298                   | 14.2    | 5                | 31   |
| 8-08-19      | 28             | 102                       | 172         | 78.4          | 83.6    | 104                                 | 90           | 70.7 | 3.4     | 3.1  | 23203 | 960       | 769 | 91                          | 4                       | 2                       | 1                      | 1                       | 1.2                    | 67                    | 12.7    |                  | 12   |
| 9-12-19      | 35             | 101                       | 175         | 78.5          | 85.4    | 105                                 | 89           | 69.7 | 3.7     | 3.2  | 23418 | 969       | 776 | 77                          | 11                      | 6                       | 5                      | 1                       | 2.2                    | 160                   | 12.9    |                  | 6    |
| 10-20-19     | 38             | 96                        | 181         | 77.1          | 84.5    | 102                                 | 91           | 69.7 | 4.6     | 3.4  | 23671 | 983       | 785 | 73                          | 14                      | 7                       | 4                      | 2                       | 2.6                    | 183                   | 13.3    | 1                | 5    |
| 11-17-19     | 28             | 95                        | 180         | 76.2          | 83.0    | 90                                  | 84           | 64.0 | 4.6     | 3.6  | 23835 | 993       | 792 | 72                          | 16                      | 8                       | 1                      | 3                       | 2.5                    | 139                   | 13.8    |                  | 2    |
| 12-30-19     | 43             | 93                        | 158         | 74.5          | 78.1    | 99                                  | 85           | 63.0 | 4.5     | 3.6  | 24016 | 1001      | 801 | 71                          | 17                      | 6                       | 3                      | 3                       | 2.5                    | 171                   | 14.6    | 1                | 4    |
| 1-28-20      | 29             | 109                       | 151         | 68.2          | 67.2    | 99                                  | 90           | 61.2 | 4.5     | 3.6  | 24246 | 1006      | 809 | 70                          | 16                      | 6                       | 5                      | 3                       | 2.7                    | 290                   | 15.2    | 1                | 1    |
| 2-21-20      | 24             | 107                       | 148         | 77.6          | 75.9    | 108                                 | 93           | 71.7 | 4.1     | 3.4  | 24397 | 1006      | 813 | 72                          | 11                      | 9                       | 1                      | 6                       | 2.6                    | 272                   | 11.3    | 2                | 2    |
| 3-24-20      | 32             | 106                       | 166         | 77.9          | 77.7    | 102                                 | 97           | 75.7 | 4.4     | 3.4  | 24724 | 1013      | 824 | 73                          | 9                       | 10                      | 3                      | 6                       | 2.6                    | 267                   | 14.0    | 1                | 1    |
| Averages     | 31             | 115                       | 164         | 75.2          | 77.8    | 102                                 | 91           | 68.1 | 4.1     | 3.3  |       |           |     | 72                          | 12                      | 7                       | 4                      | 4                       | 2.6                    | 230                   | 13.3    | 14               | 93   |
|              |                |                           | Test Period | Avg. Milk Lbs | Added   | 74.                                 | 2 Dro        | pped | 63.4    |      |       |           |     |                             |                         |                         |                        |                         |                        |                       |         |                  |      |

# KEY

- 1. B
- 2. D
- 3. A
- 4. C
- 5. B
- 6. A
- 7. D
- 8. D
- 9. D
- 10. B
- 11. A
- 12 B
- 13. C
- 14. A
- 15. C
- 16. A
- 17. B
- 18. A
- 19. D
- 20. B
- 21. C
- 22. C
- 23. A
- 24. B
- 25. B