

**HERD SUMMARY****55-99-9999****DHI-202**

Test Date      Samples at Lab      Processed  
**08-05-2021      08-11-2021      08-11-2021**

**HENRY SMITH**  
**DAIRY GOATS**

Breed    XX    Type Test    DHI-APCS    Assoc.    50    Supv.    998    String   

**Production, Income & Feed Cost Summary**

|                                     | Daily Average per Doe on Test Day |             | Rolling Yearly Herd Averages |              |
|-------------------------------------|-----------------------------------|-------------|------------------------------|--------------|
| Total Does                          | <b>128</b>                        |             | <b>118</b>                   |              |
| Does in Milk                        | Number                            | %           | Number                       | %            |
|                                     | <b>96</b>                         | <b>75</b>   | <b>81</b>                    | <b>69</b>    |
| Milk Lbs (All Does)                 | <b>6.9</b>                        |             | <b>2042</b>                  |              |
| Fat Lbs (All Does)                  | <b>0.21</b>                       |             | <b>73</b>                    |              |
| Fat %                               | <b>3.0</b>                        |             | <b>3.6</b>                   |              |
| Protein Lbs (All Does)              | <b>0.22</b>                       |             | <b>68</b>                    |              |
| Protein %                           | <b>3.2</b>                        |             | <b>3.3</b>                   |              |
| Milk Lbs (Milking Does)             | <b>9.2</b>                        |             |                              |              |
|                                     | Milking Does                      | All Does    |                              |              |
| Silage                              | Lbs Consumed                      |             |                              |              |
| Other Succulents or Blended Rations | Lbs Consumed                      |             |                              |              |
| Dry Forage                          | Lbs Consumed                      |             |                              |              |
| Other Feeds                         | Lbs Consumed                      |             |                              |              |
| Pasture                             |                                   |             |                              |              |
| Concentrates                        | Lbs Consumed                      |             |                              |              |
| Cost of Concentrates \$             |                                   |             |                              |              |
| Total Feed Cost \$                  |                                   |             |                              |              |
| Income Over Feed Cost \$            |                                   |             |                              |              |
| Feed Cost per CWT Milk \$           |                                   |             |                              |              |
| Value of Product \$                 | <b>1.26</b>                       | <b>0.94</b> | <b>166</b>                   |              |
| Milk Blend Price                    | Per CWT                           | % Fat       | % Pro                        | Per CWT      |
|                                     | <b>14.00</b>                      | <b>3.5</b>  |                              | <b>14.00</b> |
|                                     |                                   |             |                              | <b>3.5</b>   |

**Miscellaneous Herd Information**

|                                   | Shipped-Test Day Comparison |             |     | Milking Times   | Wgh      | Spl      |
|-----------------------------------|-----------------------------|-------------|-----|-----------------|----------|----------|
|                                   | Test Day                    | Yearly Avg. |     |                 |          |          |
| Sum of Test Day Wts               | <b>884</b>                  | <b>742</b>  | 1st | <b>04:58 PM</b> | <b>Y</b> | <b>N</b> |
| Reported Avg. Daily Bulk Tank Wts |                             |             | 2nd | <b>05:18 AM</b> | <b>Y</b> | <b>Y</b> |
| % Deviation                       | <b>0</b>                    | <b>0</b>    | 3rd |                 |          |          |

**Reproductive Summary Of Current Breeding Herd**

| Total Does Breeding Herd | Voluntary Waiting Period (VWP) | Days to 1st Service | Does With No Service Dates or Diag. Open |                    |                   | Does Bred Since 6-01      |  |  |  |
|--------------------------|--------------------------------|---------------------|------------------------------------------|--------------------|-------------------|---------------------------|--|--|--|
|                          |                                |                     | Open VWP to 100 Days                     | Open Over 100 Days | Number Diag. Open | Days Open at Last Service |  |  |  |
| <b>128</b>               | <b>60</b>                      |                     | <b>2</b>                                 | <b>124</b>         |                   | Number Does               |  |  |  |
|                          |                                |                     | <b>2</b>                                 | <b>97</b>          |                   | % of Breeding Herd        |  |  |  |

**Reproductive Summary Of Total Herd**

|                       | Days Open at 1st Service |                   |                 | Avg. Days to 1st Service | Services per Pregnancy          |          | Projected Minimum |            | Service or Heat Interval |                  | Services for Past 12 Months |                 |                 |                       |
|-----------------------|--------------------------|-------------------|-----------------|--------------------------|---------------------------------|----------|-------------------|------------|--------------------------|------------------|-----------------------------|-----------------|-----------------|-----------------------|
|                       | Number Under VWP         | Number VWP to 100 | Number Over 100 |                          | Preg. Does                      | All Does | Kidding Interval  | Days Open  | Interval Length          | Number Intervals | Service Number              | Number Services | Conception Rate | Service Sire Merit \$ |
| 1st Lact              |                          |                   |                 |                          |                                 |          | <b>12.6</b>       | <b>232</b> | < 18                     |                  | 1st                         |                 |                 |                       |
| 2nd Lact              |                          |                   |                 |                          |                                 |          | <b>12.8</b>       | <b>241</b> | 18 - 24                  |                  | 2nd                         |                 |                 |                       |
| 3+ Lacts              |                          |                   |                 |                          |                                 |          | <b>16.2</b>       | <b>342</b> | 36 - 48                  |                  | 3rd +                       |                 |                 |                       |
| All Lacts             |                          |                   |                 |                          |                                 |          | <b>14.8</b>       | <b>299</b> | Other                    |                  | Total                       |                 |                 |                       |
| % of All 1st Services |                          |                   |                 |                          | Current Actual Kidding Interval |          | <b>12.7</b>       |            |                          |                  | Abortions                   | This Test       | Past Year       |                       |
|                       |                          |                   |                 |                          |                                 |          |                   |            |                          |                  | Actual                      |                 |                 |                       |
|                       |                          |                   |                 |                          |                                 |          |                   |            |                          |                  | Apparent                    |                 |                 |                       |

**Birth Summary**

| Dam's Lact Num | Offspring Born |      |         |      |                          |   |   |     |      |
|----------------|----------------|------|---------|------|--------------------------|---|---|-----|------|
|                | Males          |      | Females |      | Kidding Difficulty Score |   |   |     |      |
|                | Alive          | Dead | Alive   | Dead | 1                        | 2 | 3 | 4-5 | %4-5 |
| 1              |                |      |         |      |                          |   |   |     |      |
| 2+             |                |      |         |      |                          |   |   |     |      |
| Total          |                |      |         |      |                          |   |   |     |      |

**Does To Be Milking, Dry, Kidding By Month**

|                  | Sep       | Oct       | Nov       | Dec       | Jan       | Feb       |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| * Milking        | <b>96</b> | <b>96</b> | <b>96</b> | <b>96</b> | <b>96</b> | <b>96</b> |
| Dry              | <b>32</b> | <b>32</b> | <b>32</b> | <b>32</b> | <b>32</b> | <b>32</b> |
| Does Kidding     |           |           |           |           |           |           |
| Doelings Kidding |           |           |           |           |           |           |

\* Assumes 0.1% per month culling rate.

**Yearly Reproductive Summary**

| Test Date       | % Heats Obs. | Conception Rate | Preg Rate | Number Services | Number Confirm Preg | Number Kidding | Total Preg Does |
|-----------------|--------------|-----------------|-----------|-----------------|---------------------|----------------|-----------------|
| Test Dropped    |              |                 |           |                 |                     |                |                 |
| <b>9-19-20</b>  |              |                 |           |                 |                     |                |                 |
| <b>11-01-20</b> |              |                 |           |                 |                     |                |                 |
| <b>12-13-20</b> |              |                 |           |                 |                     |                |                 |
| <b>1-29-21</b>  |              |                 |           |                 |                     |                |                 |
| <b>4-02-21</b>  |              |                 |           |                 |                     |                |                 |
| <b>5-16-21</b>  |              |                 |           |                 |                     |                |                 |
| <b>6-20-21</b>  |              |                 |           |                 |                     |                |                 |
| <b>8-05-21</b>  |              |                 |           |                 |                     |                |                 |
| Averages        |              |                 | <b>**</b> |                 |                     | <b>12</b>      |                 |
| Totals          |              |                 |           |                 |                     | <b>96</b>      |                 |

**Remarks:**

\*\* Preg Rates not available because (62-Routine Preg=N). See your technician.

|           |            |           |            |       |    |        |  |
|-----------|------------|-----------|------------|-------|----|--------|--|
| Herd Code | 55-99-9999 | Test Date | 08-05-2021 | Breed | XX | String |  |
|-----------|------------|-----------|------------|-------|----|--------|--|

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

## Stage Of Lactation Profile

|                    |           |       | Stage of Lactation (Days) |          |           |           |       |                  |
|--------------------|-----------|-------|---------------------------|----------|-----------|-----------|-------|------------------|
|                    |           |       | 1 - 40                    | 41 - 100 | 101 - 199 | 200 - 305 | 306 + | Total or Average |
|                    |           |       |                           |          |           |           |       |                  |
| Number Milking     | 1st Lact  |       |                           | 1        | 20        |           | 1     | 22               |
|                    | 2nd Lact  |       |                           |          | 23        |           |       | 23               |
|                    | 3+ Lacts  |       |                           |          | 49        | 1         | 1     | 51               |
|                    | All Lacts |       |                           | 1        | 92        | 1         | 2     | 96               |
| Average Daily Milk | 1st Lact  |       |                           | 11       | 9         |           | 5     | 9                |
|                    | 2nd Lact  |       |                           |          | 10        |           |       | 10               |
|                    | 3+ Lacts  |       |                           |          | 9         | 11        | 8     | 9                |
|                    | All Lacts |       |                           | 11       | 9         | 11        | 7     | 9                |
| % Fat & Pro        | 1st Lact  | % Fat |                           | 2.8      | 3.1       |           | 4.3   | 3.1              |
|                    |           | % Pro |                           | 3.0      | 3.2       |           | 4.2   | 3.2              |
|                    | 2nd Lact  | % Fat |                           |          | 3.2       |           |       | 3.2              |
|                    |           | % Pro |                           |          | 3.3       |           |       | 3.3              |
|                    | 3+ Lacts  | % Fat |                           |          | 3.0       | 2.7       | 4.8   | 3.0              |
|                    |           | % Pro |                           |          | 3.2       | 2.9       | 4.1   | 3.2              |
| SCC SCR            | All Lacts | % Fat |                           | 2.8      | 3.1       | 2.7       | 4.5   | 3.1              |
|                    |           | % Pro |                           | 3.0      | 3.2       | 2.9       | 4.2   | 3.2              |
| SCC Score >= 4.0   | 1st Lact  |       |                           | 1.8      | 4.7       |           | 4.4   | 4.5              |
|                    | 2nd Lact  |       |                           |          | 5.4       |           |       | 5.4              |
|                    | 3+ Lacts  |       |                           |          | 6.3       | 4.2       | 8.4   | 6.3              |
|                    | All Lacts |       |                           | 1.8      | 5.7       | 4.2       | 6.4   | 5.7              |
| SCC Score >= 4.0   | Number    |       |                           |          | 76        | 1         | 2     | 79               |
|                    | Percent   |       |                           |          | 83        | 100       | 100   | 82               |

| Age Group                        | Number Animals | Avg. Age (Yr-Mo) | Num. Ident. By |     | Number ID Changes               | No. Animals with Merit \$ | Average Merit \$ |      | Herd Merit \$ Option             | Genetic Profile of Service Sires |                     |                      |                |
|----------------------------------|----------------|------------------|----------------|-----|---------------------------------|---------------------------|------------------|------|----------------------------------|----------------------------------|---------------------|----------------------|----------------|
|                                  |                |                  | Sire           | Dam |                                 |                           | Animal           | Sire |                                  |                                  |                     |                      |                |
| 0 - 12                           |                |                  |                |     |                                 |                           |                  | +0   | NM                               | A.I. Progeny Tested              | A.I. Genomic Tested | All Other A.I. Bucks | Non A.I. Bucks |
| 13+                              | 1              | 2-05             | 1              | 1   |                                 | 1                         | +9               | +5   |                                  |                                  |                     |                      |                |
| Replacements                     | 1              | 2-05             | 1              | 1   |                                 | 1                         | +9               | +5   |                                  |                                  |                     |                      |                |
| 1st Lact                         | 24             | 1-07             | 24             | 24  |                                 | 15                        | +13              | +18  | % of Herd Bred to                |                                  |                     |                      |                |
| 2nd Lact                         | 28             | 2-07             | 28             | 28  |                                 | 28                        | +9               | +10  | Number of Bucks Used             |                                  |                     |                      | DCR Milk       |
| 3+ Lacts                         | 76             | 5-08             | 76             | 75  | 27                              | 71                        | +4               | +10  | Average Merit \$                 |                                  |                     |                      | 99             |
| All Lacts                        | 128            | 4-02             | 128            | 127 | 27                              | 114                       | +6               | +11  | Avg. Percentile Rank (Net Merit) |                                  |                     |                      |                |
| % Identified (Producing Females) |                |                  | 100            | 99  | No. Doelings Age Over 30 Months |                           |                  |      |                                  |                                  |                     |                      |                |

## Production By Lactation Summary

|           | Number of Does | Avg. Age (Mo) | Peak Milk | Summit Milk | Proj 305 Day ME |     |     | Difference From Herdmates |     |     | Avg. Body Wt. |
|-----------|----------------|---------------|-----------|-------------|-----------------|-----|-----|---------------------------|-----|-----|---------------|
|           |                |               |           |             | Milk            | Fat | Pro | Milk                      | Fat | Pro |               |
| 1st Lact  | 24             | 19            | 11        | 10          | 3366            | 115 | 106 | +203                      | +6  | +3  | 889           |
| 2nd Lact  | 28             | 31            | 14        | 13          | 3616            | 137 | 119 | +425                      | +21 | +15 | 120           |
| 3+ Lacts  | 76             | 68            | 13        | 12          | 2607            | 90  | 86  | -554                      | -19 | -15 | 268           |
| All Lacts | 128            | 50            | 13        | 12          | 2979            | 105 | 97  | -161                      | -4  | -4  | 352           |

## Somatic Cell Summary

| % Does SCC Score                          |                 |                 |                |             |  |
|-------------------------------------------|-----------------|-----------------|----------------|-------------|--|
| 0,1,2,3                                   | 4               | 5               | 6              | 7,8,9       |  |
| Below 142,000                             | 142,000 283,000 | 284,000 565,000 | 566,000 1.13 M | Over 1.13 M |  |
| 41                                        | 23              | 14              | 5              | 18          |  |
| 13                                        | 4               | 30              | 30             | 22          |  |
|                                           | 8               | 14              | 39             | 39          |  |
| 13                                        | 10              | 18              | 29             | 30          |  |
| 30-Day Herd Production Lost From High SCC |                 |                 |                |             |  |
| Milk                                      | 18249           | Dollars (\$)    |                | 2513        |  |

## Dry Doe Profile

| Lact. | Number Dry Periods | Avg. Days Dry | Number Dry by Days |       |      |
|-------|--------------------|---------------|--------------------|-------|------|
|       |                    |               | < 40               | 40-70 | > 70 |
| 1     |                    |               |                    |       |      |
| 2     | 28                 | 76            |                    | 17    | 11   |
| 3+    | 76                 | 97            | 4                  | 15    | 57   |
| All   | 104                | 92            | 4                  | 32    | 68   |

## Yearly Summary Of Does Entered And Left The Herd

| Lact.                                 | Number Dry Periods | Avg. Days Dry | Number Dry by Days | Does Entered |    | Does Left |   | Number of Does Left the Herd |          |       |      |       |             |              |         |      |          |
|---------------------------------------|--------------------|---------------|--------------------|--------------|----|-----------|---|------------------------------|----------|-------|------|-------|-------------|--------------|---------|------|----------|
|                                       |                    |               |                    | Num.         | %  | Num.      | % | Dairy                        | Low Prod | Repro | Mast | Udder | Feet & Legs | Injury Other | Disease | Died | Not Rptd |
| 1                                     |                    |               |                    | 21           | 18 |           |   |                              |          |       |      |       |             |              |         |      |          |
| 2                                     | 28                 | 76            |                    |              |    |           |   |                              |          |       |      |       |             |              |         |      |          |
| 3+                                    | 76                 | 97            | 4                  |              |    | 2         | 2 |                              |          |       |      |       |             |              |         | 2    |          |
| All                                   | 104                | 92            | 4                  | 21           | 18 | 2         | 2 |                              |          |       |      |       |             |              |         | 2    |          |
| 2 % Left Herd For Involuntary Reasons |                    |               |                    |              |    |           |   |                              |          |       |      |       |             |              |         |      |          |

## Yearly Production And Mastitis Summary

| Test Date    | Days In Test Period | Number Does In Herd On Test Day | Test Day Averages (Milking Does) |      | 150 Day Milk | Test Period Persist. Index | Test Day Averages (All Does) |      |      |      | Rolling Yearly Herd Average |     |               | Somatic Cell Count Summary |                 |                |             |       |                       |                     |      | MUN | Number Left Herd |  |
|--------------|---------------------|---------------------------------|----------------------------------|------|--------------|----------------------------|------------------------------|------|------|------|-----------------------------|-----|---------------|----------------------------|-----------------|----------------|-------------|-------|-----------------------|---------------------|------|-----|------------------|--|
|              |                     |                                 | DIM                              | Milk |              |                            | % In Milk                    | Milk | %Fat | %Pro | Milk                        | Fat | Pro           | % Does SCC Score           |                 |                |             |       | Avg. SCC Linear Score | Wt. Avg. Actual SCC | Died |     | Sold             |  |
|              |                     |                                 |                                  |      |              |                            |                              |      |      |      |                             |     |               | 0,1,2,3                    | 4               | 5              | 6           | 7,8,9 |                       |                     |      |     |                  |  |
|              |                     |                                 |                                  |      |              |                            |                              |      |      |      |                             |     | Below 142,000 | 142,000 283,000            | 284,000 565,000 | 566,000 1.13 M | Over 1.13 M |       |                       |                     |      |     |                  |  |
| Test Dropped | 41                  | 109                             | 146                              | 11.0 |              |                            | 89                           | 9.8  | 3.3  | 3.2  | 2514                        | 87  | 84            | 15                         | 14              | 12             | 23          | 35    | 5.5                   | 1062                | 32.0 | 1   |                  |  |
| 9-19-20      | 54                  | 109                             | 201                              | 8.8  |              |                            | 86                           | 7.6  | 3.3  | 3.4  | 2559                        | 89  | 85            | 7                          | 12              | 20             | 26          | 35    | 5.8                   | 1261                | 26.0 |     |                  |  |
| 11-01-20     | 43                  | 109                             | 244                              | 8.1  |              |                            | 83                           | 6.7  | 4.4  | 3.6  | 2559                        | 89  | 85            | 13                         | 9               | 14             | 16          | 48    | 5.7                   | 1264                | 30.0 |     |                  |  |
| 12-13-20     | 42                  | 109                             | 286                              | 4.8  |              |                            | 83                           | 4.0  | 4.4  | 3.8  | 2535                        | 90  | 85            |                            | 11              | 3              | 16          | 70    | 7.0                   | 1948                | 23.0 |     |                  |  |
| 1-29-21      | 47                  | 109                             | 303                              | 4.5  | 21.5         |                            | 2                            | 0.1  | 7.9  | 5.6  | 2511                        | 89  | 83            |                            |                 |                | 50          | 50    | 7.1                   | 2828                | 26.5 |     |                  |  |
| 4-02-21      | 63                  | 121                             | 34                               | 11.8 | 3.8          |                            | 69                           | 8.2  | 3.7  | 3.4  | 2292                        | 81  | 76            | 34                         | 24              | 13             | 7           | 22    | 4.4                   | 702                 | 24.5 |     |                  |  |
| 5-16-21      | 44                  | 130                             | 71                               | 11.2 | 3.8          |                            | 75                           | 8.5  | 2.9  | 3.0  | 2244                        | 79  | 75            | 28                         | 9               | 22             | 17          | 23    | 5.0                   | 893                 | 26.2 |     |                  |  |
| 6-20-21      | 35                  | 128                             | 106                              | 9.4  | 3.8          |                            | 75                           | 7.1  | 3.6  | 3.1  | 2149                        | 77  | 72            | 18                         | 10              | 15             | 25          | 32    | 5.6                   | 989                 | 27.2 | 2   |                  |  |
| 8-05-21      | 46                  | 128                             | 152                              | 9.2  | 9.0          |                            | 75                           | 6.9  | 3.0  | 3.2  | 2042                        | 73  | 68            | 13                         | 10              | 18             | 29          | 30    | 5.7                   | 1012                | 27.1 |     |                  |  |
|              |                     |                                 |                                  |      |              |                            |                              |      |      |      |                             |     |               |                            |                 |                |             |       |                       |                     |      |     |                  |  |
| Averages     | 47                  | 118                             | 157                              | 9.1  | 2.6          |                            | 69                           | 6.2  | 3.5  | 3.3  |                             |     |               | 16                         | 12              | 15             | 20          | 37    | 5.6                   | 1362                | 26.3 | 2   |                  |  |