

| Lot             | Tag         | Sire    | ASBV's   |             |             |            | Phenotypic Values |            |             | Indexes    |            |                | Lot | Purchaser | \$ |
|-----------------|-------------|---------|----------|-------------|-------------|------------|-------------------|------------|-------------|------------|------------|----------------|-----|-----------|----|
|                 |             |         | YWT      | YFD         | YCFW        | YWEC       | FDD               | CFW%       | CV          | FP+        | MP+        | Nerstane Index |     |           |    |
| <b>Averages</b> |             |         | <b>6</b> | <b>-0.9</b> | <b>18.1</b> | <b>-16</b> | <b>16.3</b>       | <b>100</b> | <b>18.3</b> | <b>144</b> | <b>157</b> | <b>143</b>     |     |           |    |
| 1               | 200001      | GD 8.68 | 8.6      | -1.3        | 27          | 7          | 0.0               | 0          | 0.0         | 143        | 163        | 147            | 1   |           |    |
| 1A              | 210012      | 160404  | 7.3      | -2.7        | 29          | 26         | -1.7              | 125        | 19.0        | 163        | 179        | 156            | 1A  |           |    |
| 2               | 210030 (PP) | 160007  | 6.8      | -0.9        | 25          | -7         | 0.6               | 106        | 16.1        | 164        | 173        | 165            | 2   |           |    |
| 3               | 210295 (PP) | 190200  | 5.6      | -1.3        | 21          | 18         | 0.1               | 91         | 15.5        | 163        | 173        | 162            | 3   |           |    |
| 4               | 210089      | 180009  | 4.9      | -1.6        | 22          | -20        | 0.9               | 118        | 15.7        | 146        | 153        | 145            | 4   |           |    |
| 5               | 210377      | 180441  | 6.1      | -0.8        | 30          | 21         | 1.4               | 139        | 17.5        | 151        | 168        | 154            | 5   |           |    |
| 6               | 210285 (PH) | 190040  | 1.8      | -2.2        | 12          | -27        | -1.5              | 90         | 21.9        | 150        | 148        | 142            | 6   |           |    |
| 7               | 210534 (PH) | 190171  | 7.1      | -1.7        | 17          | 3          | -0.7              | 113        | 16.5        | 148        | 159        | 144            | 7   |           |    |

| Lot             | Tag         | Sire   | ASBV's   |             |             |            | Phenotypic Values |            |             | Indexes    |            |                | Lot | Purchaser | \$ |
|-----------------|-------------|--------|----------|-------------|-------------|------------|-------------------|------------|-------------|------------|------------|----------------|-----|-----------|----|
|                 |             |        | YWT      | YFD         | YCFW        | YWEC       | FDD               | CFW%       | CV          | FP+        | MP+        | Nerstane Index |     |           |    |
| <b>Averages</b> |             |        | <b>6</b> | <b>-0.9</b> | <b>18.1</b> | <b>-16</b> | <b>16.3</b>       | <b>100</b> | <b>18.3</b> | <b>144</b> | <b>157</b> | <b>143</b>     |     |           |    |
| 8               | 210004      | 150073 | 4.2      | -2.4        | 23          | 6          | -2.0              | 125        | 17.7        | 162        | 172        | 155            | 8   |           |    |
| 9               | 210171      | 160170 | 5.2      | -1.4        | 28          | -17        | -0.7              | 130        | 18.1        | 155        | 166        | 157            | 9   |           |    |
| 10              | 210641 (PP) | 190191 | 6.2      | -1.4        | 21          | 18         | -0.5              | 89         | 19.4        | 148        | 160        | 143            | 10  |           |    |
| 11              | 210029 (PP) | 160007 | 6.0      | -1.4        | 25          | -15        | -1.4              | 93         | 19.1        | 167        | 176        | 167            | 11  |           |    |
| 12              | 210134      | 150073 | 5.5      | -1.8        | 28          | -16        | -1.4              | 114        | 17.1        | 168        | 178        | 167            | 12  |           |    |
| 13              | 210525      | 190347 | 7.2      | -1.2        | 26          | -12        | 0.4               | 95         | 17.5        | 153        | 163        | 152            | 13  |           |    |
| 14              | 210314      | 180441 | 2.4      | -1.7        | 25          | -12        | 0.5               | 106        | 20.2        | 151        | 163        | 152            | 14  |           |    |
| 15              | 210476      | 190315 | 7.0      | -1.8        | 31          | 7          | 0.3               | 114        | 19.3        | 159        | 175        | 158            | 15  |           |    |
| 16              | 210494      | 190030 | 7.6      | -1.6        | 24          | 31         | 0.4               | 103        | 14.9        | 158        | 172        | 152            | 16  |           |    |
| 17              | 210253      | 180265 | 3.2      | -3.1        | 23          | 16         | -2.0              | 106        | 20.6        | 164        | 169        | 153            | 17  |           |    |
| 18              | 210468      | 190315 | 6.4      | -2.1        | 29          | 25         | -0.7              | 124        | 20.6        | 153        | 171        | 150            | 18  |           |    |
| 19              | 210088      | 180009 | 3.6      | -1.4        | 21          | 3          | 0.5               | 127        | 16.7        | 142        | 147        | 139            | 19  |           |    |

| Lot             | Tag         | Sire     | ASBV's   |             |             |            | Phenotypic Values |            |             | Indexes    |            |                | Lot | Purchaser | \$ |
|-----------------|-------------|----------|----------|-------------|-------------|------------|-------------------|------------|-------------|------------|------------|----------------|-----|-----------|----|
|                 |             |          | YWT      | YFD         | YCFW        | YWEC       | FDD               | CFW%       | CV          | FP+        | MP+        | Nerstane Index |     |           |    |
| <b>Averages</b> |             |          | <b>6</b> | <b>-0.9</b> | <b>18.1</b> | <b>-16</b> | <b>16.3</b>       | <b>100</b> | <b>18.3</b> | <b>144</b> | <b>157</b> | <b>143</b>     |     |           |    |
| 20              | 210136 (PH) | GP170614 | 2.2      | -1.5        | 26          | 24         | -0.7              | 106        | 18.6        | 154        | 168        | 152            | 20  |           |    |
| 21              | 210124 (PH) | 160007   | 7.4      | -0.5        | 28          | -40        | 2.6               | 131        | 17.6        | 157        | 167        | 164            | 21  |           |    |
| 22              | 210294 (PH) | 190200   | 5.9      | -1.6        | 33          | 0          | 0.1               | 119        | 16.7        | 169        | 179        | 168            | 22  |           |    |
| 23              | 210611      | 190440   | 9.1      | -1.0        | 30          | -11        | 0.6               | 103        | 17.6        | 152        | 168        | 156            | 23  |           |    |
| 24              | 210203      | 190071   | 5.4      | -1.9        | 28          | -32        | -1.1              | 100        | 17.7        | 164        | 171        | 163            | 24  |           |    |
| 25              | 210218 (PP) | GP170614 | 3.5      | -0.5        | 32          | 38         | 0.9               | 107        | 18.6        | 155        | 174        | 160            | 25  |           |    |
| 26              | 210115 (PH) | 160007   | 3.7      | -1.5        | 15          | -30        | 0.3               | 108        | 16.0        | 152        | 153        | 150            | 26  |           |    |
| 27              | 210531      | 190171   | 3.4      | -2.5        | 25          | 1          | -1.4              | 107        | 17.4        | 164        | 175        | 159            | 27  |           |    |
| 28              | 210471      | 190315   | 5.0      | -2.1        | 27          | -8         | -0.6              | 108        | 16.8        | 159        | 169        | 156            | 28  |           |    |
| 29              | 210157      | 160170   | 2.5      | -1.4        | 22          | -13        | -1.0              | 95         | 22.0        | 143        | 148        | 141            | 29  |           |    |
| 30              | 210657      | 190191   | 6.8      | -1.4        | 22          | -6         | -0.2              | 95         | 19.1        | 144        | 156        | 143            | 30  |           |    |
| 31              | 210543      | 190347   | 5.6      | -1.5        | 22          | -49        | 0.9               | 104        | 17.0        | 155        | 157        | 153            | 31  |           |    |
| 32              | 210189      | 190071   | 6.7      | -2.0        | 32          | 1          | -0.6              | 115        | 18.3        | 169        | 180        | 166            | 32  |           |    |
| 33              | 210052      | 180212   | 5.9      | -1.6        | 22          | 30         | 0.2               | 104        | 15.8        | 150        | 163        | 146            | 33  |           |    |
| 34              | 210260      | 180265   | 3.1      | -1.8        | 23          | -8         | 0.1               | 114        | 18.2        | 153        | 156        | 149            | 34  |           |    |

| Lot             | Tag         | Sire     | ASBV's   |             |             |            | Phenotypic Values |            |             | Indexes    |            |                | Lot | Purchaser | \$ |
|-----------------|-------------|----------|----------|-------------|-------------|------------|-------------------|------------|-------------|------------|------------|----------------|-----|-----------|----|
|                 |             |          | YWT      | YFD         | YCFW        | YWEC       | FDD               | CFW%       | CV          | FP+        | MP+        | Nerstane Index |     |           |    |
| <b>Averages</b> |             |          | <b>6</b> | <b>-0.9</b> | <b>18.1</b> | <b>-16</b> | <b>16.3</b>       | <b>100</b> | <b>18.3</b> | <b>144</b> | <b>157</b> | <b>143</b>     |     |           |    |
| 35              | 210465      | 190315   | 8.3      | -1.8        | 27          | 4          | -0.5              | 104        | 18.1        | 156        | 170        | 155            | 35  |           |    |
| 36              | 211419      | T 279    | 6.3      | -1.4        | 26          | -27        | 0.0               | 102        | 19.1        | 157        | 167        | 160            | 36  |           |    |
| 37              | 210300 (PH) | 190200   | 8.1      | -1.5        | 23          | 32         | -0.4              | 100        | 16.8        | 156        | 171        | 152            | 37  |           |    |
| 38              | 210176      | 160170   | 4.0      | -1.2        | 27          | -33        | 0.1               | 116        | 18.9        | 154        | 160        | 155            | 38  |           |    |
| 39              | 210237      | CH-975   | 1.4      | -1.7        | 15          | 3          | -0.6              | 92         | 16.2        | 139        | 141        | 133            | 39  |           |    |
| 40              | 211420      | T 279    | 1.7      | -2.4        | 23          | 7          | -2.2              | 92         | 17.9        | 169        | 175        | 160            | 40  |           |    |
| 41              | 210350 (PP) | 190074   | 6.4      | -1.8        | 16          | -2         | -0.1              | 98         | 17.9        | 149        | 159        | 145            | 41  |           |    |
| 42              | 210675      | T 279    | 5.3      | -1.4        | 19          | -31        | 0.1               | 88         | 15.2        | 155        | 159        | 154            | 42  |           |    |
| 43              | 210190      | 190071   | 5.2      | -2.1        | 35          | -7         | -1.2              | 114        | 18.5        | 171        | 183        | 169            | 43  |           |    |
| 44              | 210311      | 180441   | 4.9      | -2.2        | 30          | 32         | -1.1              | 101        | 20.0        | 165        | 182        | 161            | 44  |           |    |
| 45              | 210232      | CH-975   | 1.1      | -1.7        | 21          | 40         | -0.4              | 100        | 15.8        | 144        | 154        | 137            | 45  |           |    |
| 46              | 210444      | 160404   | 5.6      | -2.8        | 23          | 15         | -0.7              | 110        | 16.4        | 164        | 174        | 155            | 46  |           |    |
| 47              | 210480 (PH) | 190040   | 8.6      | -0.7        | 25          | -45        | 1.5               | 96         | 16.8        | 155        | 162        | 159            | 47  |           |    |
| 48              | 210420      | 160404   | 6.0      | -2.1        | 26          | 10         | -0.2              | 96         | 19.4        | 159        | 170        | 155            | 48  |           |    |
| 49              | 210216 (PH) | GP170614 | 6.4      | -2.4        | 31          | 22         | -1.7              | 99         | 20.2        | 165        | 186        | 164            | 49  |           |    |

| Lot             | Tag         | Sire     | ASBV's   |             |             |            | Phenotypic Values |            |             | Indexes    |            |                | Lot | Purchaser | \$ |
|-----------------|-------------|----------|----------|-------------|-------------|------------|-------------------|------------|-------------|------------|------------|----------------|-----|-----------|----|
|                 |             |          | YWT      | YFD         | YCFW        | YWEC       | FDD               | CFW%       | CV          | FP+        | MP+        | Nerstane Index |     |           |    |
| <b>Averages</b> |             |          | <b>6</b> | <b>-0.9</b> | <b>18.1</b> | <b>-16</b> | <b>16.3</b>       | <b>100</b> | <b>18.3</b> | <b>144</b> | <b>157</b> | <b>143</b>     |     |           |    |
| 50              | 210128      | 150073   | 7.0      | -1.5        | 27          | 14         | 0.4               | 124        | 18.1        | 158        | 176        | 157            | 50  |           |    |
| 51              | 210605      | 190074   | 5.2      | -2.1        | 19          | -25        | -1.4              | 95         | 18.1        | 159        | 164        | 154            | 51  |           |    |
| 52              | 210436      | 160404   | 5.2      | -2.3        | 33          | 32         | -1.5              | 98         | 20.9        | 164        | 181        | 160            | 52  |           |    |
| 53              | 210251      | 180265   | 6.2      | -1.0        | 27          | 1          | 1.5               | 108        | 15.2        | 156        | 165        | 157            | 53  |           |    |
| 54              | 210557      | 190030   | 7.5      | -1.2        | 22          | -10        | 1.3               | 93         | 15.8        | 160        | 171        | 161            | 54  |           |    |
| 55              | 210437      | 160404   | 4.9      | -2.4        | 30          | 10         | -0.9              | 102        | 20.1        | 159        | 170        | 154            | 55  |           |    |
| 56              | 210419      | 160404   | 5.5      | -2.5        | 28          | 26         | -0.7              | 105        | 19.6        | 162        | 177        | 157            | 56  |           |    |
| 57              | 210331      | 180441   | 0.9      | -2.1        | 22          | 10         | -1.0              | 105        | 20.7        | 153        | 161        | 148            | 57  |           |    |
| 58              | 210164 (P)  | GP170614 | 1.1      | -1.4        | 32          | 42         | 0.0               | 129        | 16.1        | 161        | 179        | 161            | 58  |           |    |
| 59              | 210356 (PH) | 190074   | 5.0      | -0.3        | 16          | -25        | 2.5               | 112        | 16.2        | 137        | 144        | 143            | 59  |           |    |
| 60              | 210424      | 160404   | 7.4      | -1.9        | 35          | -10        | 0.0               | 100        | 21.7        | 161        | 175        | 162            | 60  |           |    |
| 61              | 210111 (PP) | 160007   | -1.4     | -2.1        | 19          | -6         | -0.2              | 107        | 16.5        | 159        | 156        | 150            | 61  |           |    |
| 62              | 210368      | 160220   | 5.4      | -0.7        | 26          | -15        | 1.8               | 107        | 18.9        | 150        | 158        | 153            | 62  |           |    |
| 63              | 210678      | T 279    | 4.9      | -0.8        | 28          | 5          | 1.1               | 116        | 17.8        | 155        | 168        | 158            | 63  |           |    |
| 64              | 210102      | 180009   | 6.4      | -1.8        | 21          | -30        | -0.4              | 100        | 19.0        | 152        | 158        | 151            | 64  |           |    |

| Lot             | Tag         | Sire   | ASBV's   |             |             |            | Phenotypic Values |            |             | Indexes    |            |                | Lot | Purchaser | \$ |
|-----------------|-------------|--------|----------|-------------|-------------|------------|-------------------|------------|-------------|------------|------------|----------------|-----|-----------|----|
|                 |             |        | YWT      | YFD         | YCFW        | YWEC       | FDD               | CFW%       | CV          | FP+        | MP+        | Nerstane Index |     |           |    |
| <b>Averages</b> |             |        | <b>6</b> | <b>-0.9</b> | <b>18.1</b> | <b>-16</b> | <b>16.3</b>       | <b>100</b> | <b>18.3</b> | <b>144</b> | <b>157</b> | <b>143</b>     |     |           |    |
| 65              | 210046      | 180212 | 6.1      | -1.4        | 15          | 30         | 1.0               | 103        | 16.6        | 137        | 147        | 132            | 65  |           |    |
| 66              | 210440      | 160404 | 7.5      | -1.9        | 27          | -8         | -0.5              | 96         | 18.7        | 158        | 169        | 156            | 66  |           |    |
| 67              | 210413 (P)  | 180065 | 4.1      | -1.5        | 23          | -39        | 0.6               | 105        | 17.9        | 159        | 164        | 158            | 67  |           |    |
| 68              | 210286 (PP) | 190040 | 7.3      | -0.5        | 24          | -10        | 0.9               | 93         | 16.8        | 151        | 164        | 153            | 68  |           |    |
| 69              | 210281 (P)  | 190040 | 3.7      | -1.1        | 14          | 0          | 1.2               | 105        | 16.2        | 133        | 136        | 130            | 69  |           |    |
| 70              | 210293 (PH) | 190200 | 6.2      | -1.8        | 33          | -6         | 0.7               | 126        | 15.5        | 171        | 181        | 170            | 70  |           |    |
| 71              | 210009 (PH) | 160007 | 6.0      | -0.8        | 29          | -7         | 0.5               | 99         | 17.7        | 170        | 184        | 174            | 71  |           |    |
| 72              | 210422      | 160404 | 6.6      | -2.6        | 34          | 42         | -1.1              | 122        | 20.8        | 165        | 186        | 160            | 72  |           |    |
| 73              | 210438      | 160404 | 5.4      | -2.5        | 27          | 52         | -1.5              | 102        | 19.3        | 156        | 173        | 149            | 73  |           |    |
| 74              | 210048      | 180212 | 3.4      | -2.6        | 25          | 41         | -0.3              | 123        | 18.1        | 157        | 168        | 147            | 74  |           |    |
| 75              | 210289 (P)  | 190074 | 2.0      | -1.2        | 17          | 0          | 1.3               | 123        | 14.7        | 137        | 142        | 133            | 75  |           |    |
| 76              | 210017      | 160404 | 4.8      | -1.8        | 27          | 12         | 0.1               | 114        | 16.2        | 159        | 168        | 156            | 76  |           |    |
| 77              | 210411 (P)  | 180065 | 5.1      | -1.0        | 30          | -16        | 1.1               | 102        | 19.5        | 157        | 173        | 161            | 77  |           |    |
| 78              | 210122      | 160007 | 6.1      | -1.1        | 19          | -26        | 0.7               | 102        | 17.0        | 158        | 163        | 158            | 78  |           |    |
| 79              | 210137      | 150073 | 6.7      | -1.4        | 23          | 21         | -0.5              | 88         | 16.6        | 152        | 164        | 149            | 79  |           |    |

| Lot             | Tag    | Sire   | ASBV's   |             |             |            | Phenotypic Values |            |             | Indexes    |            |                | Lot | Purchaser | \$ |
|-----------------|--------|--------|----------|-------------|-------------|------------|-------------------|------------|-------------|------------|------------|----------------|-----|-----------|----|
|                 |        |        | YWT      | YFD         | YCFW        | YWEC       | FDD               | CFW%       | CV          | FP+        | MP+        | Nerstane Index |     |           |    |
| <b>Averages</b> |        |        | <b>6</b> | <b>-0.9</b> | <b>18.1</b> | <b>-16</b> | <b>16.3</b>       | <b>100</b> | <b>18.3</b> | <b>144</b> | <b>157</b> | <b>143</b>     |     |           |    |
| 80              | 210005 | 150073 | 4.1      | -1.0        | 21          | -10        | 0.8               | 106        | 18.8        | 148        | 158        | 149            | 80  |           |    |
| 81              | 210096 | 180009 | 4.3      | -1.5        | 27          | -11        | 1.0               | 120        | 17.7        | 158        | 168        | 159            | 81  |           |    |
| 82              | 210080 | 160140 | 4.7      | -2.8        | 17          | 14         | -1.8              | 115        | 18.1        | 154        | 157        | 142            | 82  |           |    |
| 83              | 210435 | 160404 | 5.1      | -2.3        | 27          | 45         | -0.7              | 106        | 16.2        | 162        | 178        | 155            | 83  |           |    |
| 84              | 210093 | 180009 | 4.0      | -1.6        | 16          | -6         | 0.6               | 102        | 17.0        | 137        | 141        | 133            | 84  |           |    |
| 85              | 210229 | CH-975 | 2.2      | -1.7        | 20          | 35         | -0.2              | 94         | 17.3        | 139        | 148        | 132            | 85  |           |    |
| 86              | 210442 | 160404 | 3.9      | -1.5        | 19          | -6         | 1.5               | 96         | 17.8        | 144        | 150        | 141            | 86  |           |    |
| 87              | 210574 | 190236 | 1.9      | -2.2        | 20          | -9         | -1.1              | 98         | 17.1        | 154        | 159        | 148            | 87  |           |    |
| 88              | 210316 | 180441 | 2.5      | -1.8        | 21          | 38         | -0.4              | 91         | 18.1        | 147        | 155        | 141            | 88  |           |    |
| 89              | 210199 | 160404 | 5.6      | -2.5        | 22          | 21         | -1.0              | 92         | 16.1        | 159        | 169        | 151            | 89  |           |    |
| 90              | 210434 | 160404 | 4.3      | -2.1        | 32          | 3          | 0.4               | 122        | 15.6        | 168        | 180        | 164            | 90  |           |    |
| 91              | 210390 | 160220 | 5.9      | -1.5        | 28          | 6          | 0.5               | 99         | 18.4        | 157        | 167        | 156            | 91  |           |    |
| 92              | 210564 | 190478 | 2.5      | -2.0        | 32          | -26        | 0.2               | 122        | 19.1        | 167        | 181        | 167            | 92  |           |    |
| 93              | 210315 | 180441 | 1.8      | -2.2        | 20          | 36         | -0.6              | 96         | 18.5        | 148        | 158        | 140            | 93  |           |    |
| 94              | 210475 | 190315 | 7.5      | -0.7        | 32          | -23        | 1.9               | 119        | 15.6        | 154        | 168        | 162            | 94  |           |    |

| Lot             | Tag         | Sire   | ASBV's   |             |             |            | Phenotypic Values |            |             | Indexes    |            |                | Lot | Purchaser | \$ |
|-----------------|-------------|--------|----------|-------------|-------------|------------|-------------------|------------|-------------|------------|------------|----------------|-----|-----------|----|
|                 |             |        | YWT      | YFD         | YCFW        | YWEC       | FDD               | CFW%       | CV          | FP+        | MP+        | Nerstane Index |     |           |    |
| <b>Averages</b> |             |        | <b>6</b> | <b>-0.9</b> | <b>18.1</b> | <b>-16</b> | <b>16.3</b>       | <b>100</b> | <b>18.3</b> | <b>144</b> | <b>157</b> | <b>143</b>     |     |           |    |
| 95              | 210491      | 190347 | 5.0      | -0.1        | 37          | -32        | 1.8               | 120        | 19.6        | 151        | 169        | 162            | 95  |           |    |
| 96              | 210306      | 180441 | 0.1      | -1.3        | 29          | 20         | 0.9               | 126        | 16.8        | 157        | 168        | 156            | 96  |           |    |
| 97              | 210303      | 180441 | 3.4      | -1.0        | 30          | 4          | 1.6               | 124        | 18.4        | 151        | 163        | 154            | 97  |           |    |
| 98              | 210447      | 160404 | 6.5      | -2.0        | 29          | 29         | 0.0               | 102        | 19.1        | 157        | 174        | 154            | 98  |           |    |
| 99              | 210317      | 180441 | 6.1      | -1.2        | 25          | 9          | 1.0               | 101        | 17.1        | 153        | 165        | 153            | 99  |           |    |
| 100             | 210478      | 190315 | 7.4      | -1.2        | 25          | 7          | 0.8               | 94         | 15.4        | 149        | 161        | 151            | 100 |           |    |
| 101             | 210496      | 190030 | 7.9      | -2.7        | 18          | -2         | -1.2              | 100        | 15.6        | 163        | 168        | 152            | 101 |           |    |
| 102             | 210062      | 180212 | 2.1      | -3.0        | 11          | 0          | -1.6              | 106        | 16.3        | 147        | 149        | 133            | 102 |           |    |
| 103             | 210043      | 180212 | 2.1      | -2.1        | 19          | -3         | -0.2              | 111        | 17.8        | 151        | 156        | 145            | 103 |           |    |
| 104             | 210270      | 180265 | 4.5      | -2.5        | 19          | 29         | -0.3              | 102        | 20.2        | 153        | 158        | 143            | 104 |           |    |
| 105             | 210262      | 180265 | 2.0      | -2.8        | 18          | 30         | -1.9              | 97         | 19.1        | 151        | 152        | 137            | 105 |           |    |
| 106             | 210310      | 180441 | 4.8      | -1.9        | 29          | 36         | 0.1               | 97         | 18.0        | 162        | 179        | 158            | 106 |           |    |
| 107             | 210433      | 160404 | 3.8      | -2.6        | 24          | 27         | -1.6              | 106        | 20.5        | 149        | 163        | 142            | 107 |           |    |
| 108             | 210401 (PH) | 180065 | 6.1      | -1.2        | 14          | 11         | 0.5               | 94         | 17.3        | 151        | 160        | 150            | 108 |           |    |
| 109             | 210479      | 190315 | 7.5      | -1.2        | 28          | -4         | 1.2               | 94         | 17.7        | 155        | 168        | 158            | 109 |           |    |



| Lot             | Tag         | Sire   | ASBV's   |             |             |            | Phenotypic Values |            |             | Indexes    |            |                | Lot | Purchaser | \$ |
|-----------------|-------------|--------|----------|-------------|-------------|------------|-------------------|------------|-------------|------------|------------|----------------|-----|-----------|----|
|                 |             |        | YWT      | YFD         | YCFW        | YWEC       | FDD               | CFW%       | CV          | FP+        | MP+        | Nerstane Index |     |           |    |
| <b>Averages</b> |             |        | <b>6</b> | <b>-0.9</b> | <b>18.1</b> | <b>-16</b> | <b>16.3</b>       | <b>100</b> | <b>18.3</b> | <b>144</b> | <b>157</b> | <b>143</b>     |     |           |    |
| 110             | 210319      | 180441 | 3.7      | -2.0        | 26          | 52         | -0.4              | 103        | 18.0        | 156        | 171        | 150            | 110 |           |    |
| 111             | 210395 (PH) | 180065 | 7.3      | -1.4        | 26          | -25        | 0.3               | 99         | 16.0        | 166        | 177        | 167            | 111 |           |    |
| 112             | 210302 (P)  | 190200 | 7.8      | -1.6        | 26          | -9         | 0.5               | 119        | 17.3        | 160        | 172        | 160            | 112 |           |    |
| 113             | 210116 (P)  | 160007 | 2.2      | -2.2        | 18          | -18        | -1.0              | 100        | 18.1        | 166        | 166        | 160            | 113 |           |    |
| 114             | 210337 (PH) | 190074 | 2.0      | -2.2        | 20          | -34        | -0.3              | 108        | 18.2        | 171        | 174        | 167            | 114 |           |    |
| 115             | 210339 (PP) | 190074 | 6.5      | -1.5        | 24          | -46        | 0.9               | 106        | 17.7        | 156        | 165        | 157            | 115 |           |    |
| 116             | 210530      | 190478 | 2.9      | -1.3        | 33          | 7          | 0.5               | 96         | 19.2        | 164        | 181        | 166            | 116 |           |    |
| 117             | 210345 (P)  | 190074 | 3.8      | -1.5        | 19          | -16        | -0.1              | 89         | 21.2        | 150        | 157        | 148            | 117 |           |    |
| 118             | 210084      | 160140 | 2.3      | -1.9        | 18          | 58         | 0.2               | 84         | 20.9        | 138        | 146        | 129            | 118 |           |    |
| 119             | 210483      | 190030 | 7.1      | -2.4        | 19          | 3          | -0.4              | 88         | 17.3        | 162        | 174        | 154            | 119 |           |    |
| 120             | 210160      | 150073 | 5.5      | -1.8        | 21          | 17         | -1.1              | 100        | 18.0        | 154        | 164        | 148            | 120 |           |    |
| 121             | 210072      | 160140 | 3.0      | -2.7        | 14          | 25         | -1.1              | 95         | 21.4        | 142        | 147        | 130            | 121 |           |    |
| 122             | 210288 (PP) | 190040 | 7.8      | -0.3        | 33          | -39        | 1.4               | 103        | 18.9        | 160        | 172        | 167            | 122 |           |    |
| 123             | 210121 (PP) | 160007 | 6.9      | -0.9        | 18          | -46        | 1.4               | 93         | 18.4        | 148        | 151        | 151            | 123 |           |    |
| 124             | 210501      | 190030 | 7.0      | -1.4        | 18          | 35         | 0.6               | 86         | 17.2        | 144        | 159        | 141            | 124 |           |    |

| Lot             | Tag         | Sire   | ASBV's   |             |             |            | Phenotypic Values |            |             | Indexes    |            |                | Lot | Purchaser | \$ |
|-----------------|-------------|--------|----------|-------------|-------------|------------|-------------------|------------|-------------|------------|------------|----------------|-----|-----------|----|
|                 |             |        | YWT      | YFD         | YCFW        | YWEC       | FDD               | CFW%       | CV          | FP+        | MP+        | Nerstane Index |     |           |    |
| <b>Averages</b> |             |        | <b>6</b> | <b>-0.9</b> | <b>18.1</b> | <b>-16</b> | <b>16.3</b>       | <b>100</b> | <b>18.3</b> | <b>144</b> | <b>157</b> | <b>143</b>     |     |           |    |
| 125             | 210226      | CH-975 | 3.2      | -2.0        | 20          | 5          | -0.5              | 91         | 17.0        | 152        | 157        | 145            | 125 |           |    |
| 126             | 210091      | 180009 | 4.1      | -1.3        | 19          | -2         | 0.6               | 112        | 17.5        | 139        | 145        | 136            | 126 |           |    |
| 127             | 210139      | 160170 | 4.0      | -0.9        | 22          | 0          | -0.4              | 91         | 16.7        | 142        | 151        | 142            | 127 |           |    |
| 128             | 210357 (P)  | 190074 | 4.4      | -1.4        | 18          | -29        | -0.1              | 83         | 16.8        | 154        | 158        | 153            | 128 |           |    |
| 129             | 210133      | 160170 | 5.2      | -0.5        | 27          | -26        | 1.1               | 110        | 18.5        | 145        | 155        | 151            | 129 |           |    |
| 130             | 210258      | 180265 | 1.4      | -2.1        | 19          | 18         | -0.5              | 86         | 18.5        | 146        | 149        | 138            | 130 |           |    |
| 131             | 210400      | 180265 | 2.1      | -2.2        | 19          | 8          | -1.3              | 92         | 18.5        | 150        | 153        | 142            | 131 |           |    |
| 132             | 210107 (PP) | 160007 | 7.3      | -0.4        | 19          | -50        | 1.9               | 90         | 16.2        | 158        | 162        | 162            | 132 |           |    |
| 133             | 210305      | 180441 | 1.6      | -1.4        | 29          | 7          | 0.8               | 108        | 15.7        | 160        | 172        | 160            | 133 |           |    |
| 134             | 210325      | 180441 | 5.0      | -1.4        | 27          | -19        | 0.8               | 109        | 15.8        | 165        | 174        | 165            | 134 |           |    |
| 135             | 210296 (P)  | 190200 | 6.5      | -1.8        | 19          | -17        | 0.8               | 94         | 14.0        | 157        | 166        | 155            | 135 |           |    |
| 136             | 210521      | 190236 | 2.2      | -1.9        | 21          | 41         | -0.3              | 107        | 19.3        | 152        | 162        | 144            | 136 |           |    |
| 137             | 210341 (P)  | 190074 | 6.8      | -1.4        | 18          | -26        | 0.8               | 108        | 16.0        | 155        | 161        | 154            | 137 |           |    |
| 138             | 210307      | 180441 | 2.7      | -0.8        | 29          | -2         | 0.9               | 113        | 19.3        | 150        | 162        | 154            | 138 |           |    |
| 139             | 210383      | 160220 | 3.1      | -1.4        | 24          | 4          | 0.3               | 102        | 18.1        | 149        | 156        | 147            | 139 |           |    |

| Lot             | Tag         | Sire   | ASBV's   |             |             |            | Phenotypic Values |            |             | Indexes    |            |                | Lot | Purchaser | \$ |
|-----------------|-------------|--------|----------|-------------|-------------|------------|-------------------|------------|-------------|------------|------------|----------------|-----|-----------|----|
|                 |             |        | YWT      | YFD         | YCFW        | YWEC       | FDD               | CFW%       | CV          | FP+        | MP+        | Nerstane Index |     |           |    |
| <b>Averages</b> |             |        | <b>6</b> | <b>-0.9</b> | <b>18.1</b> | <b>-16</b> | <b>16.3</b>       | <b>100</b> | <b>18.3</b> | <b>144</b> | <b>157</b> | <b>143</b>     |     |           |    |
| 140             | 210458      | 190315 | 8.6      | -1.4        | 30          | 41         | 0.6               | 107        | 20.9        | 146        | 167        | 147            | 140 |           |    |
| 141             | 210553      | 190030 | 6.9      | -1.4        | 12          | 31         | 1.8               | 102        | 17.5        | 143        | 154        | 136            | 141 |           |    |
| 142             | 210352 (PP) | 190074 | 3.8      | -1.9        | 21          | -16        | -0.2              | 105        | 16.5        | 164        | 172        | 159            | 142 |           |    |
| 143             | 210602 (P)  | 190200 | 4.5      | -1.7        | 24          | 35         | -0.8              | 93         | 17.2        | 154        | 166        | 149            | 143 |           |    |
| 144             | 210021 (PP) | 160007 | 4.8      | -0.4        | 28          | -19        | 1.3               | 84         | 17.6        | 156        | 168        | 161            | 144 |           |    |
| 145             | 210327      | 180441 | 2.5      | -1.3        | 21          | 6          | 0.8               | 103        | 16.1        | 149        | 155        | 148            | 145 |           |    |
| 146             | 210239      | CH-975 | 1.7      | -2.0        | 25          | 27         | -1.1              | 107        | 19.9        | 151        | 162        | 145            | 146 |           |    |
| 147             | 210066      | 160140 | 2.9      | -2.0        | 15          | 29         | -0.2              | 103        | 15.2        | 149        | 153        | 139            | 147 |           |    |
| 148             | 210452      | 190315 | 5.5      | -2.2        | 24          | 13         | -1.0              | 100        | 20.3        | 151        | 164        | 147            | 148 |           |    |
| 149             | 210618      | 190440 | 4.8      | -0.7        | 26          | -21        | 0.9               | 87         | 16.0        | 143        | 151        | 147            | 149 |           |    |
| 150             | 210170      | 150073 | 3.0      | -1.7        | 21          | 1          | -1.1              | 94         | 19.7        | 149        | 157        | 145            | 150 |           |    |
| 151             | 210617      | 190440 | 4.5      | -0.2        | 31          | -29        | 1.6               | 99         | 18.9        | 149        | 162        | 158            | 151 |           |    |
| 152             | 210369      | 160220 | 1.6      | -1.4        | 26          | 8          | -0.1              | 111        | 16.4        | 155        | 161        | 152            | 152 |           |    |
| 153             | 210208      | 190071 | 4.9      | -1.8        | 28          | -23        | 0.3               | 115        | 16.4        | 162        | 169        | 160            | 153 |           |    |
| 154             | 210639 (PH) | 160001 | 8.1      | -1.2        | 22          | 8          | -1.3              | 93         | 16.5        | 160        | 175        | 161            | 154 |           |    |

| Lot             | Tag         | Sire   | ASBV's   |             |             |            | Phenotypic Values |            |             | Indexes    |            |                | Lot | Purchaser | \$ |
|-----------------|-------------|--------|----------|-------------|-------------|------------|-------------------|------------|-------------|------------|------------|----------------|-----|-----------|----|
|                 |             |        | YWT      | YFD         | YCFW        | YWEC       | FDD               | CFW%       | CV          | FP+        | MP+        | Nerstane Index |     |           |    |
| <b>Averages</b> |             |        | <b>6</b> | <b>-0.9</b> | <b>18.1</b> | <b>-16</b> | <b>16.3</b>       | <b>100</b> | <b>18.3</b> | <b>144</b> | <b>157</b> | <b>143</b>     |     |           |    |
| 155             | 210584      | 190030 | 3.8      | -2.2        | 19          | -29        | -0.7              | 0          | 19.6        | 150        | 154        | 144            | 155 |           |    |
| 156             | 210231      | CH-975 | 4.6      | -2.4        | 31          | -11        | -0.7              | 114        | 18.5        | 168        | 176        | 164            | 156 |           |    |
| 157             | 210169      | 160170 | 3.8      | -1.5        | 28          | -14        | -0.6              | 107        | 21.7        | 150        | 161        | 152            | 157 |           |    |
| 158             | 210205      | 190071 | 4.1      | -2.5        | 31          | 10         | -1.6              | 102        | 21.4        | 165        | 177        | 160            | 158 |           |    |
| 159             | 210423      | 160404 | 2.5      | -3.0        | 28          | 14         | -1.5              | 101        | 21.1        | 165        | 175        | 156            | 159 |           |    |
| 160             | 210245      | CH-975 | 3.0      | -2.3        | 23          | 20         | 0.3               | 97         | 14.6        | 159        | 167        | 151            | 160 |           |    |
| 161             | 210363      | 160220 | 4.0      | -1.4        | 22          | -34        | 0.7               | 120        | 14.1        | 158        | 160        | 157            | 161 |           |    |
| 162             | 210336 (P)  | 190074 | 3.1      | -2.0        | 21          | -28        | -0.5              | 98         | 19.5        | 160        | 165        | 157            | 162 |           |    |
| 163             | 210079      | 160140 | 4.4      | -2.0        | 13          | 12         | 0.3               | 98         | 18.6        | 138        | 143        | 130            | 163 |           |    |
| 164             | 210344 (PP) | 190074 | 5.0      | -1.2        | 20          | -35        | 0.6               | 96         | 16.2        | 147        | 153        | 147            | 164 |           |    |
| 165             | 210362      | 160220 | 9.2      | -0.1        | 32          | -20        | 2.9               | 132        | 18.0        | 153        | 167        | 162            | 165 |           |    |
| 166             | 210166      | 160170 | 4.6      | -0.9        | 20          | -25        | 0.5               | 82         | 17.0        | 142        | 149        | 145            | 166 |           |    |

| Lot             | Tag         | Sire   | ASBV's   |             |             |            | Phenotypic Values |            |             | Indexes    |            |                | Lot | Purchaser | \$ |
|-----------------|-------------|--------|----------|-------------|-------------|------------|-------------------|------------|-------------|------------|------------|----------------|-----|-----------|----|
|                 |             |        | YWT      | YFD         | YCFW        | YWEC       | FDD               | CFW%       | CV          | FP+        | MP+        | Nerstane Index |     |           |    |
| <b>Averages</b> |             |        | <b>6</b> | <b>-0.9</b> | <b>18.1</b> | <b>-16</b> | <b>16.3</b>       | <b>100</b> | <b>18.3</b> | <b>144</b> | <b>157</b> | <b>143</b>     |     |           |    |
| 167             | 210210      |        | 6.4      | -1.2        | 28          | -17        | 1.2               | 132        | 17.3        | 157        | 171        | 156            | 167 |           |    |
| 168             | 210410      | 180065 | 6.7      | -1.8        | 22          | -16        | -0.7              | 96         | 17.3        | 158        | 170        | 156            | 168 |           |    |
| 169             | 210643      | 190191 | 4.3      | -0.6        | 19          | 20         | 1.4               | 75         | 16.9        | 133        | 144        | 132            | 169 |           |    |
| 170             | 210490      | 190030 | 7.2      | -1.8        | 13          | 5          | -0.1              | 87         | 15.4        | 152        | 161        | 145            | 170 |           |    |
| 171             | 210375      | 160220 | 4.3      | -1.8        | 31          | 27         | 0.2               | 119        | 20.1        | 160        | 171        | 157            | 171 |           |    |
| 172             | 210202      | 190071 | 8.4      | -1.6        | 24          | -46        | 0.1               | 95         | 15.1        | 160        | 165        | 160            | 172 |           |    |
| 173             | 210042      | 180212 | 4.2      | -0.7        | 19          | 25         | 2.3               | 89         | 14.7        | 141        | 149        | 139            | 173 |           |    |
| 174             | 210039      | 180009 | 5.3      | -2.1        | 19          | -22        | -1.0              | 84         | 21.1        | 150        | 155        | 145            | 174 |           |    |
| 175             | 211403      | T 279  | 4.1      | -1.6        | 18          | 20         | -0.3              | 87         | 17.8        | 154        | 162        | 150            | 175 |           |    |
| 176             | 210098      | 180009 | 6.9      | -1.2        | 20          | -17        | 1.1               | 92         | 16.1        | 148        | 153        | 148            | 176 |           |    |
| 177             | 210011      | 150073 | 5.8      | -1.6        | 18          | -17        | -0.2              | 89         | 17.1        | 153        | 160        | 150            | 177 |           |    |
| 178             | 210032 (PP) | DES 26 | 3.2      | -0.9        | 28          | -8         | 0.5               | 111        | 22.6        | 150        | 163        | 153            | 178 |           |    |

| Lot             | Tag    | Sire   | ASBV's   |             |             |            | Phenotypic Values |            |             | Indexes    |            |                | Lot | Purchaser | \$ |
|-----------------|--------|--------|----------|-------------|-------------|------------|-------------------|------------|-------------|------------|------------|----------------|-----|-----------|----|
|                 |        |        | YWT      | YFD         | YCFW        | YWEC       | FDD               | CFW%       | CV          | FP+        | MP+        | Nerstane Index |     |           |    |
| <b>Averages</b> |        |        | <b>6</b> | <b>-0.9</b> | <b>18.1</b> | <b>-16</b> | <b>16.3</b>       | <b>100</b> | <b>18.3</b> | <b>144</b> | <b>157</b> | <b>143</b>     |     |           |    |
| 179             | 210607 | 190440 | 6.4      | -0.3        | 23          | -6         | 1.3               | 96         | 15.9        | 134        | 143        | 139            | 179 |           |    |
| 180             | 210373 | 160220 | 7.0      | -1.4        | 19          | 10         | -0.1              | 94         | 16.4        | 147        | 152        | 142            | 180 |           |    |
| 181             | 210230 | CH-975 | 4.1      | -2.1        | 21          | 14         | -1.0              | 95         | 17.1        | 153        | 161        | 145            | 181 |           |    |
| 182             | 210380 | 160220 | 4.2      | -1.7        | 22          | 31         | 0.1               | 104        | 18.6        | 149        | 156        | 144            | 182 |           |    |
| 183             | 210197 | 190071 | 6.6      | -1.3        | 33          | -23        | 0.5               | 134        | 15.7        | 163        | 172        | 165            | 183 |           |    |
| 184             | 210603 | 180441 | 5.5      | -0.9        | 25          | -30        | 1.0               | 91         | 17.3        | 154        | 164        | 158            | 184 |           |    |
| 185             | 210192 | 190071 | 2.1      | -1.4        | 20          | -24        | -0.4              | 87         | 16.9        | 145        | 146        | 142            | 185 |           |    |
| 186             | 210083 | 160140 | 3.1      | -3.3        | 13          | 25         | -2.5              | 84         | 19.2        | 152        | 152        | 134            | 186 |           |    |
| 187             | 210090 | 180009 | 5.9      | -1.8        | 19          | 20         | -0.5              | 95         | 22.5        | 140        | 148        | 135            | 187 |           |    |
| 188             | 210018 | 160404 | 3.9      | -2.0        | 24          | 18         | -0.8              | 101        | 18.1        | 156        | 164        | 150            | 188 |           |    |

| Lot             | Tag         | Sire   | ASBV's   |             |             |            | Phenotypic Values |            |             | Indexes    |            |                | Lot | Purchaser | \$ |
|-----------------|-------------|--------|----------|-------------|-------------|------------|-------------------|------------|-------------|------------|------------|----------------|-----|-----------|----|
|                 |             |        | YWT      | YFD         | YCFW        | YWEC       | FDD               | CFW%       | CV          | FP+        | MP+        | Nerstane Index |     |           |    |
| <b>Averages</b> |             |        | <b>6</b> | <b>-0.9</b> | <b>18.1</b> | <b>-16</b> | <b>16.3</b>       | <b>100</b> | <b>18.3</b> | <b>144</b> | <b>157</b> | <b>143</b>     |     |           |    |
| 189             | 210416      | 160404 | 4.8      | -2.0        | 33          | 15         | -0.2              | 116        | 17.5        | 164        | 178        | 161            | 189 |           |    |
| 190             | 210023      | 150073 | 4.2      | -1.7        | 18          | -5         | -0.6              | 83         | 20.4        | 150        | 157        | 146            | 190 |           |    |
| 191             | 210386      | 160220 | 4.0      | 0.1         | 16          | 12         | 2.1               | 83         | 16.6        | 129        | 135        | 131            | 191 |           |    |
| 192             | 210676      | T 279  | 5.4      | -1.5        | 19          | -23        | -0.2              | 86         | 17.3        | 154        | 159        | 152            | 192 |           |    |
| 193             | 210094      | 180009 | 4.8      | -1.4        | 20          | -5         | -0.4              | 86         | 20.6        | 146        | 150        | 143            | 193 |           |    |
| 194             | 210566      | 190030 | 2.2      | -2.5        | 17          | -8         | -1.3              | 87         | 17.1        | 152        | 158        | 144            | 194 |           |    |
| 195             | 210389      | 160220 | 4.9      | -2.2        | 19          | -9         | -1.2              | 99         | 17.2        | 158        | 160        | 150            | 195 |           |    |
| 196             | 210448      | 160404 | 5.6      | -2.5        | 26          | 25         | -1.6              | 87         | 20.3        | 157        | 171        | 151            | 196 |           |    |
| 197             | 210470      | 190315 | 8.6      | -1.4        | 26          | 2          | 0.0               | 117        | 17.4        | 149        | 163        | 150            | 197 |           |    |
| 198             | 210191      | 190071 | 2.8      | -2.1        | 32          | -5         | -1.1              | 115        | 21.2        | 166        | 176        | 163            | 198 |           |    |
|                 |             |        |          |             |             |            |                   |            |             |            |            |                |     |           |    |
| 199             | 210106 (PH) | 160007 | 5.6      | -1.3        | 17          | -53        | 0.5               | 96         | 16.1        | 174        | 174        | 173            | 199 |           |    |

***Practical***