



# **WAGYU BREEDING VALUE REPORT**

June 2026



## **ACACIA VALLEY RANCHES**

Herd Number: 8419671

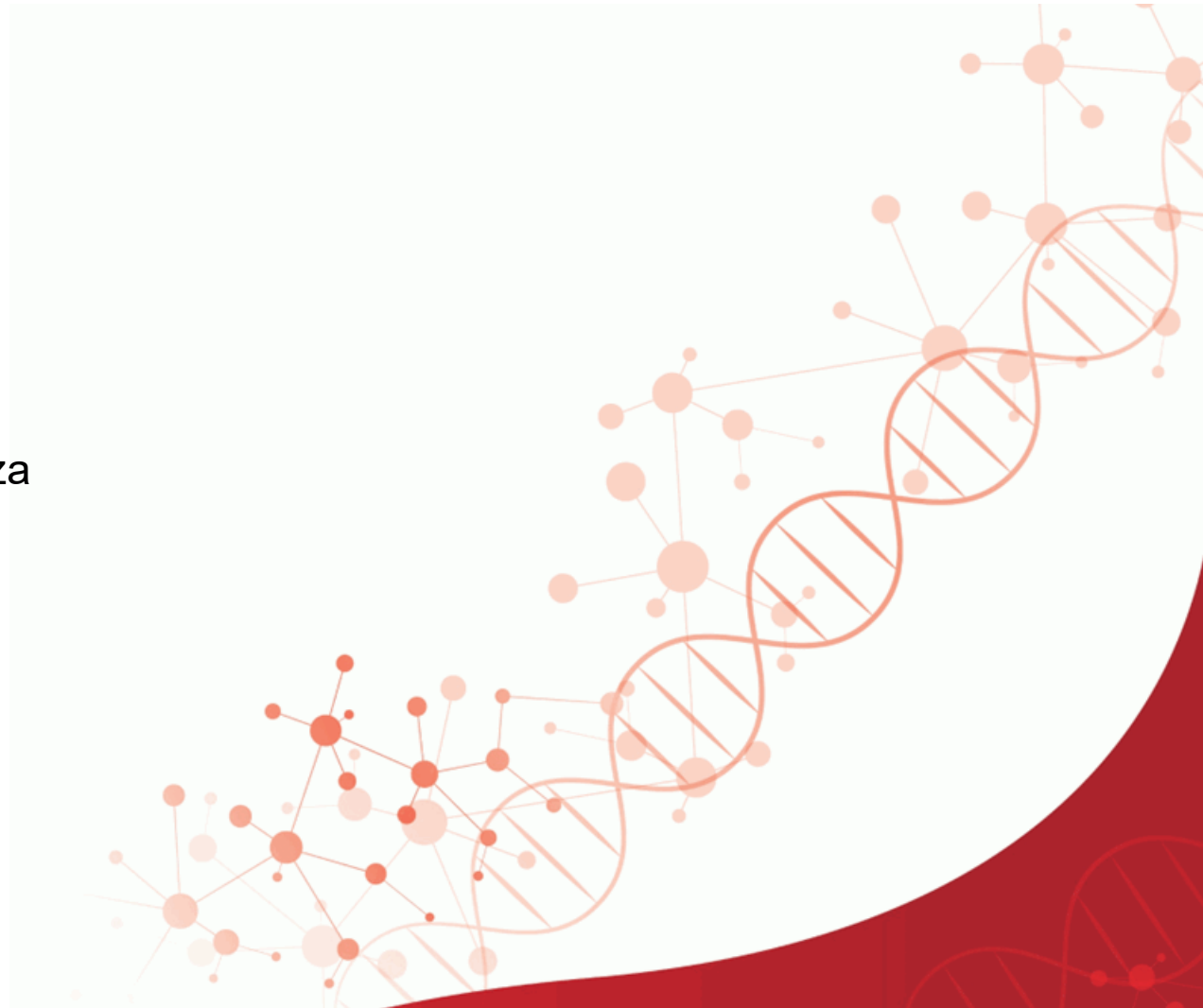
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**WAGYU  
SOCIETY**  
OF SOUTH AFRICA



**CERTIFICATE  
OF QUALITY**  
Valid up to  
October 2029



# Notes

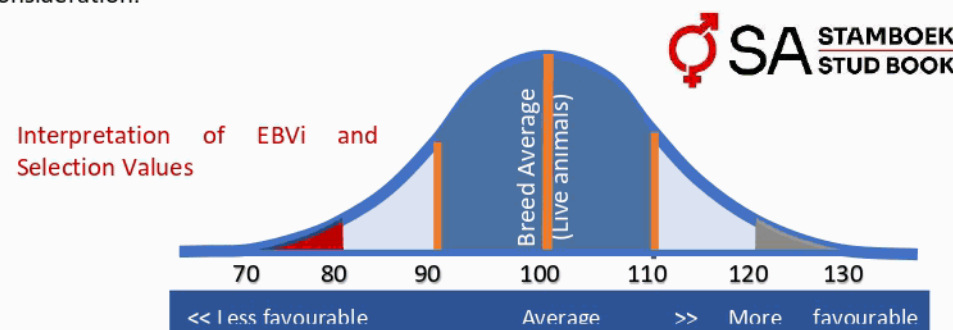
**GEBVi (GEBVindex):** The average GEBVi of all the live animals in the breed is 100, and all EBVi values are expressed relative to this value. Values above 100 are mostly in a more desirable direction. Note that a very high index is not always desirable. For certain traits, such as birth weight, average values may be better. It is the top value in the list.

**GEBV (Genomic Estimated Breeding Value)** indicates the genetic potential of the animal for a specific trait. It is presented in the unit of measurement and relative to the average of animals born in the base year. It is the middle value in the list and not available for selection values.

**Accuracy:** This value gives an indication of how much information was available for breeding value estimation. It is the bottom value in the list.

**Selection values** combine similar breeding values in a scientific manner to simplify the selection of animals. For example, HF (Heifer Fertility), CF (Cow Fertility) and Longevity are

combined to form the Fertility Value by taking the heritability and economic importance in consideration.

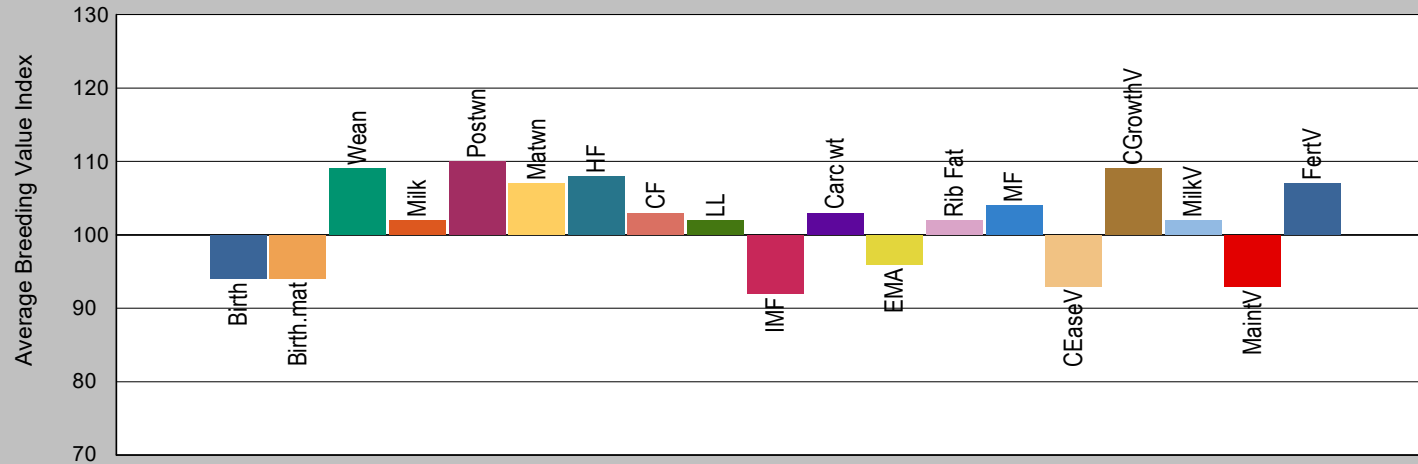


\* Depending on selection goal

| GEBVi        |                       | Description / Measurement                                 | Goal                 |       | General Guidelines* |    |     |     |     |       |
|--------------|-----------------------|-----------------------------------------------------------|----------------------|-------|---------------------|----|-----|-----|-----|-------|
|              |                       |                                                           |                      |       | 80                  | 90 | 100 | 110 | 120 |       |
| Selection V. | Calving Ease Value    | Difficult calving due to high birth weight                | Average birth weight | High  |                     |    |     |     |     | Low   |
|              | Calf Growth Value     | Calf's genetic ability for prewean growth                 | Heavy weaner         | Light |                     |    |     |     |     | Heavy |
|              | Milk Value            | Cow's genetic mothering and milking ability               | Enough milk for calf | Less  |                     |    |     |     |     | More  |
|              | Maintenance Value     | Maintenance requirement of cow (weight and milk)          | Low cow maintenance  | High  |                     |    |     |     | *   | Low   |
|              | Fertility Value       | Fertility and retention of cows and heifers               | Fertile cows         | Low   |                     |    |     |     |     | High  |
| Cow & Calf   | Birth weight direct   | Birth weight (Calf's genetic ability)                     | Average birth weight | Heavy |                     |    |     |     |     | Light |
|              | Birth weight mat      | Birth weight (Dam's genetic ability)                      | Easy calving         | Heavy |                     |    |     |     |     | Light |
|              | Weaning weight direct | Weaning weight (Calf's genetic ability)                   | Heavy weaners        | Light |                     |    |     |     |     | Heavy |
|              | Weaning weight mat    | Weaning weight (Dam's genetic ability)                    | Good mothers         | Poor  |                     |    |     |     |     | Good  |
|              | Post-wean weight      | Combination of EBVs for 12 and 18 month weights           | Mature weight        | Light |                     |    |     | *   | *   | Heavy |
|              | Mature Cow Weight     | Cow weight at weaning of first three calves               | Mature cow weight    | Light |                     |    |     | *   | *   | Heavy |
| Ferti.       | Heifer Fertility      | Age at first calving                                      | Fertile heifers      | Less  |                     |    |     |     |     | More  |
|              | Cow Fertility         | First 3 inter-calving periods (ICPs)                      | Fertile cows         | Less  |                     |    |     |     |     | More  |
|              | Longevity             | Retention of progeny                                      | Acceptable progeny   | Poor  |                     |    |     |     |     | Good  |
| Carcass      | IMF                   | Intra-muscular-fat, Marbling                              | High quality carcass | Less  |                     |    |     |     |     | More  |
|              | Carcass weight        | Weight of the carcass                                     | High quality carcass | Light |                     |    |     |     |     | Heavy |
|              | EMA                   | Eye-muscle-area at the 12/13th rib of the dressed carcass | High quality carcass | Small |                     |    |     |     |     | Large |
|              | Rib Fat               | Rib fat depth at the 12/13th rib of the dressed carcass   | High quality carcass | Thin  |                     |    |     |     |     | Thick |
|              | Marbling Fineness     | Degree of fineness of marbling fat                        | High quality carcass | Low   |                     |    |     |     |     | High  |

# Herd and Breed Averages

Number 117



## Breeding Values (EBV):

Birth: Birth weight  
 Wean: Weaning weight  
 Birth.mat: Birth mat  
 Milk: Milk  
 Postwn: Postwean weight  
 Matwt: Mature weight  
 HF: Heifer Fertility  
 CF: Cow Fertility  
 LL: Longevity  
 IMF: Marbling  
 Carcwt: Carcass wt  
 EMA: Eye muscle area  
 RibFatt: Rib Fat thickness  
 MF: Marbling Fineness

## Selection values:

CEaseV: Calving Ease Value  
 CGrowthV: Calf Growth Value  
 MilkV: Milk Value  
 MaintV: Maintenance Value  
 FertV: Fertility Value

|                 | Trait            | EBV Herd | EBV Index | EBV Breed |
|-----------------|------------------|----------|-----------|-----------|
| Prewrite growth | Birth Weight     | 1.70     | 94        | 1.14      |
|                 | Wean Weight      | 5.5      | 109       | 2.1       |
|                 | Birth Mat.       | -0.11    | 94        | -0.34     |
|                 | Milk (Wn.Mat.)   | 9.6      | 102       | 8.4       |
| Postwean growth | Postwean wt      | 10.4     | 110       | 4.0       |
|                 | Mature weight    | 16       | 107       | 6         |
|                 | Heifer Fertility | -6.9     | 108       | -3.0      |
| Fertility       | Cow Fertility    | 0.1      | 103       | 0.7       |
|                 | Longevity        | 6.5      | 102       | 5.7       |
| Carcass         | IMF              | -0.3     | 92        | 0.7       |
|                 | Carcass weight   | 2.6      | 103       | 0.6       |
|                 | EMA              | 0.0      | 96        | 0.6       |
|                 | Rib Fat          | 0.0      | 102       | -0.2      |
|                 | MF               | 0.2      | 104       | -0.4      |

| Selection Value    | Herd Avg |
|--------------------|----------|
| Calving Ease Value | 93       |
| Calf Growth Value  | 109      |
| Milk Value         | 102      |
| Maintenance Value  | 93       |
| Fertility Value    | 107      |

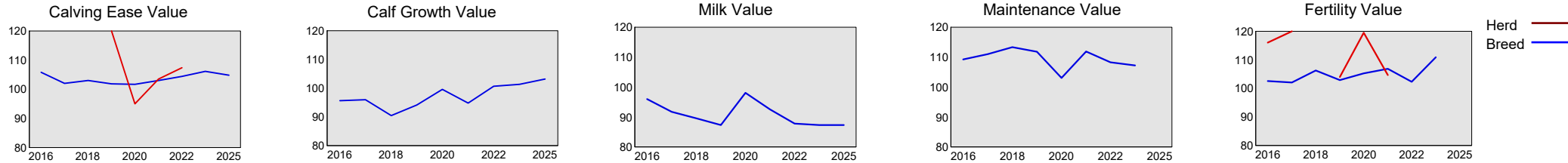
- Average of live animals in the breed: 100
- Above 100: **more favourable**,
- Below 100: **less favourable**

What does a sub-selection value above breed average (100) mean?:

Calving ease: Smaller calf at birth - easier calving  
 Calf growth: Heavier calves at wean due to growth potential of the calf  
 Milk: Cows with more milk and better mothering ability  
 Maintenance: Animals with low maintenance requirements (lower mature weight).  
 Fertility: Cows/daughters that calve

# Genetic Trends for On-Farm Traits

The graphs show the genetic gain of the herd relative to the breed. Only data of animals with measurements are included.



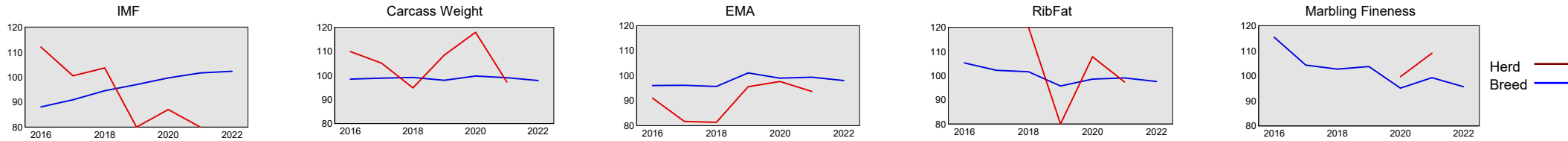
## Herd

| Birth Year | Calving Ease |            |            |               | Calf Growth    |     |                | Milk           |       |      | Maintenance     |     |               |     |                  | Fertility    |       |           |      |           |     |                |
|------------|--------------|------------|------------|---------------|----------------|-----|----------------|----------------|-------|------|-----------------|-----|---------------|-----|------------------|--------------|-------|-----------|------|-----------|-----|----------------|
|            | Birth Weight |            | Mat<br>EBV | Calv.<br>Ease | Weaning Weight |     | Calf<br>Growth | Milk (Wn.Mat.) |       | Milk | Postwean Weight |     | Mature Weight |     | Mainte-<br>nance | Heifer Fert. |       | Cow Fert. |      | Longevity |     | Ferti-<br>lity |
|            | Number       | Dir<br>EBV |            |               | Number         | EBV |                | Number         | EBV   |      | Number          | EBV | Number        | EBV |                  | Number       | EBV   | Number    | EBV  | Number    | EBV |                |
| 2016       |              |            |            |               |                |     |                |                |       |      |                 |     |               |     |                  | 1            | -10.9 | 1         | -1.8 | 2         | 2.2 | 116            |
| 2017       | 1            | -1.02      | -0.53      | 126           |                |     |                |                |       |      |                 |     |               |     |                  | 2            | -23.0 | 1         | -4.8 | 20        | 5.1 | 138            |
| 2018       |              |            |            |               |                |     |                |                |       |      |                 |     |               |     |                  |              |       |           |      | 24        | 1.7 |                |
| 2019       | 1            | -0.72      | -1.31      | 124           | 1              | 2.5 | 101            | 1              | -5.92 | 74   |                 |     |               |     |                  | 1            | -1.5  |           |      | 16        | 6.8 | 104            |
| 2020       | 5            | 1.55       | -0.11      | 95            |                |     |                |                |       |      |                 |     |               |     |                  | 2            | -13.1 |           |      | 19        | 1.4 | 120            |
| 2021       | 10           | 0.88       | -0.17      | 104           |                |     |                |                |       |      |                 |     |               |     |                  | 3            | -5.7  |           |      | 18        | 3.2 | 105            |
| 2022       | 21           | 0.41       | -0.33      | 107           |                |     |                |                |       |      |                 |     |               |     |                  |              |       |           |      |           |     |                |
| 2023       |              |            |            |               |                |     |                |                |       |      |                 |     |               |     |                  |              |       |           |      |           |     |                |
| 2025       | 19           | 1.53       | -0.07      | 95            |                |     |                |                |       |      |                 |     |               |     |                  |              |       |           |      |           |     |                |

## Breed

| Birth<br>Year | Calving Ease |            |            |               | Calf Growth    |      |                | Milk           |      |                    | Maintenance |               |        |                  |              | Fertility |           |        |           |        |                |     |
|---------------|--------------|------------|------------|---------------|----------------|------|----------------|----------------|------|--------------------|-------------|---------------|--------|------------------|--------------|-----------|-----------|--------|-----------|--------|----------------|-----|
|               | Birth Weight |            | Mat<br>EBV | Calv.<br>Ease | Weaning Weight |      | Calf<br>Growth | Milk (Wn.Mat.) |      | Postwean<br>Weight |             | Mature Weight |        | Mainte-<br>nance | Heifer Fert. |           | Cow Fert. |        | Longevity |        | Ferti-<br>lity |     |
|               | Number       | Dir<br>EBV |            |               | Number         | EBV  |                | Number         | EBV  | Milk               | Number      | EBV           | Number |                  | EBV          | Number    | EBV       | Number | EBV       | Number |                | EBV |
| 2016          | 667          | 0.14       | 0.02       | 106           | 280            | 0.5  | 96             | 280            | 6.17 | 96                 | 213         | 1.9           | 17     | -9               | 109          | 776       | -1.2      | 388    | -0.8      | 6283   | -0.5           | 103 |
| 2017          | 787          | 0.38       | 0.22       | 102           | 405            | 0.6  | 96             | 405            | 3.81 | 92                 | 309         | 0.3           | 33     | -8               | 111          | 792       | -1.4      | 308    | -0.5      | 10269  | -0.4           | 102 |
| 2018          | 1181         | 0.41       | 0.13       | 103           | 815            | -1.5 | 91             | 815            | 2.61 | 90                 | 823         | -0.8          | 19     | -20              | 113          | 664       | -3.9      | 399    | -0.9      | 9178   | 2.2            | 106 |
| 2019          | 1380         | 0.49       | 0.18       | 102           | 901            | -0.1 | 94             | 901            | 1.36 | 87                 | 896         | 0.7           | 27     | -27              | 112          | 1006      | -2.1      | 462    | -0.4      | 11800  | 2.0            | 103 |
| 2020          | 2127         | 0.62       | 0.00       | 102           | 556            | 1.9  | 100            | 556            | 7.34 | 98                 | 273         | 4.8           | 24     | -8               | 103          | 663       | -3.4      | 266    | -0.7      | 11208  | 1.6            | 105 |
| 2021          | 2398         | 0.52       | -0.06      | 103           | 592            | 0.1  | 95             | 592            | 4.25 | 93                 | 254         | 0.2           | 21     | -5               | 112          | 401       | -4.8      | 137    | -1.0      | 8891   | 1.5            | 107 |
| 2022          | 2092         | 0.47       | -0.13      | 104           | 478            | 2.4  | 101            | 478            | 1.61 | 88                 | 260         | 4.2           | 15     | 14               | 108          | 281       | -1.8      | 51     | -0.4      | 2264   | 1.9            | 102 |
| 2023          | 1685         | 0.41       | -0.26      | 106           | 486            | 2.6  | 101            | 486            | 1.35 | 87                 | 182         | 4.8           | 5      | -1               | 107          | 85        | -5.7      | 2      | 0.1       |        |                | 111 |
| 2024          | 1553         | 0.43       | -0.23      | 106           | 310            | 3.6  | 104            | 310            | 2.16 | 89                 | 66          | 18.9          |        |                  | 90           | 1         | -26.9     |        |           |        |                | 142 |
| 2025          | 1506         | 0.44       | -0.05      | 105           | 260            | 3.3  | 103            | 260            | 1.32 | 87                 |             |               |        |                  |              |           |           |        |           |        |                |     |
| 2026          | 103          | 0.30       | -0.04      | 107           |                |      |                |                |      |                    |             |               |        |                  |              |           |           |        |           |        |                |     |

# Genetic Trends for Carcass Traits



## Herd

| Birth Year | Carcass |      |      |                |      |      |        |      |      |        |      |      |
|------------|---------|------|------|----------------|------|------|--------|------|------|--------|------|------|
|            | IMF     |      |      | Carcass weight |      |      | EMA    |      |      | RibFat |      |      |
|            | Number  | EBV  | EBVi | Number         | EBV  | EBVi | Number | EBV  | EBVi | Number | EBV  | EBVi |
| 2016       | 1       | 2.2  | 112  | 1              | 7.4  | 110  | 1      | -0.7 | 91   |        |      |      |
| 2017       | 7       | 0.8  | 101  | 7              | 4.2  | 105  | 7      | -2.0 | 82   |        |      |      |
| 2018       | 12      | 1.1  | 104  | 12             | -2.9 | 95   | 12     | -2.0 | 81   | 1      | 2.2  | 124  |
| 2019       | 8       | -2.1 | 78   | 8              | 6.5  | 109  | 8      | 0.0  | 96   | 5      | -2.7 | 74   |
| 2020       | 6       | -1.0 | 87   | 6              | 13.2 | 118  | 6      | 0.3  | 98   | 6      | 0.6  | 108  |
| 2021       | 3       | -1.9 | 80   | 3              | -1.5 | 97   | 3      | -0.3 | 94   | 3      | -0.4 | 97   |
| 2022       |         |      |      |                |      |      |        |      |      |        |      |      |
| 2023       |         |      |      |                |      |      |        |      |      |        |      |      |

## Breed

| Birth Year | Carcass |      |      |                |      |      |        |     |      |         |      |      |
|------------|---------|------|------|----------------|------|------|--------|-----|------|---------|------|------|
|            | IMF     |      |      | Carcass weight |      |      | EMA    |     |      | Rib Fat |      |      |
|            | Number  | EBV  | EBVi | Number         | EBV  | EBVi | Number | EBV | EBVi | Number  | EBV  | EBVi |
| 2013       | 17      | 0.5  | 99   | 776            | -0.2 | 99   | 361    | 0.7 | 101  | 346     | 0.1  | 103  |
| 2014       | 16      | -1.0 | 87   | 541            | -3.9 | 94   | 301    | 1.7 | 108  | 269     | -0.1 | 100  |
| 2015       | 36      | -0.6 | 90   | 589            | -7.1 | 89   | 548    | 1.0 | 103  | 520     | -0.2 | 100  |
| 2016       | 124     | -0.8 | 88   | 588            | -0.5 | 98   | 322    | 0.1 | 96   | 211     | 0.4  | 105  |
| 2017       | 732     | -0.5 | 91   | 1244           | -0.2 | 99   | 1116   | 0.1 | 96   | 272     | 0.1  | 102  |
| 2018       | 1945    | 0.0  | 95   | 1968           | 0.0  | 99   | 1939   | 0.0 | 96   | 87      | 0.0  | 102  |
| 2019       | 2810    | 0.3  | 97   | 2821           | -0.8 | 98   | 2751   | 0.8 | 101  | 210     | -0.6 | 96   |
| 2020       | 4625    | 0.7  | 100  | 4680           | 0.4  | 100  | 4654   | 0.5 | 99   | 711     | -0.3 | 99   |
| 2021       | 3442    | 0.9  | 102  | 3604           | -0.1 | 99   | 3594   | 0.5 | 99   | 3273    | -0.3 | 99   |
| 2022       | 3263    | 1.0  | 102  | 3310           | -0.9 | 98   | 3261   | 0.3 | 98   | 3177    | -0.4 | 98   |
| 2023       | 1740    | 1.2  | 104  | 1746           | 1.2  | 101  | 1737   | 0.5 | 99   | 1696    | 0.0  | 102  |
| 2024       | 16      | -0.6 | 89   | 16             | 0.0  | 99   | 16     | 0.3 | 98   | 15      | -0.5 | 97   |

WAGYU Sires

| Sire                      |           |            | Growth       |             |                |                |               | Carcass |      |                |      |         | Stats           |       |         |                       |                     |           |
|---------------------------|-----------|------------|--------------|-------------|----------------|----------------|---------------|---------|------|----------------|------|---------|-----------------|-------|---------|-----------------------|---------------------|-----------|
| ID                        | Parentage | Sire ID    | Birth weight | Wean weight | 12 mnth weight | 18 mnth weight | Mature weight | Milk    | IMF  | Carcass weight | EMA  | Rib Fat | Marble Fineness | Herds | Progeny | Daughters with calves | Active 2yrs & older | Carcasses |
| Name                      | Gen. DNA  | Dam ID     |              |             |                |                |               |         |      |                |      |         |                 |       |         |                       |                     |           |
| AKAUSHI                   |           |            |              |             |                |                |               |         |      |                |      |         |                 |       |         |                       |                     |           |
| AVW 170201                |           | C0402      | 90           | 149         | 147            | 146            | 127           | 73      | 97   | 122            | 119  | 89      | 83              | 1     | 4       | 2                     | 2                   |           |
| FB                        |           | KALFE0116  | 2.08         | 20.7        | 31.1           | 39.6           | 44            | -6.4    | 0.3  | 15.8           | 3.3  | -1.3    | -3.2            |       |         |                       |                     |           |
| ACACIA BEEF AVW170201     |           |            | 63%          | 40%         | 47%            | 44%            | 29%           | 31%     | 52%  | 51%            | 47%  | 48%     | 36%             |       |         |                       |                     |           |
| AVW 170204                |           | CCCFH0037  | 90           | 141         | 140            | 146            | 107           | 75      | 74   | 111            | 98   | 68      | 94              | 2     | 33      | 3                     | 4                   | 8         |
| FB                        |           | KALFC0031  | 2.03         | 17.5        | 26.9           | 39.6           | 16            | -5.3    | -2.6 | 8.1            | 0.3  | -3.3    | -1.4            |       |         |                       |                     |           |
| ACACIA BEEF CARDINAL      |           |            | 73%          | 36%         | 54%            | 53%            | 32%           | 34%     | 70%  | 69%            | 63%  | 65%     | 46%             |       |         |                       |                     |           |
| CCCFH0037                 |           | B0125      | 90           | 117         | 117            | 124            | 102           | 85      | 99   | 76             | 94   | 79      | 95              | 25    | 133     | 50                    | 50                  | 3         |
| FB                        |           | B218       | 2.07         | 8.6         | 14.0           | 22.7           | 8             | 0.0     | 0.6  | -16.4          | -0.3 | -2.3    | -1.3            |       |         |                       |                     |           |
| BALD RIDGE HENSHIN        |           |            |              | 96%         | 94%            | 95%            | 95%           | 94%     | 94%  | 95%            | 95%  | 95%     | 95%             |       |         |                       |                     |           |
| WB 180115                 |           | H0518E     | 98           | 127         | 128            | 131            | 112           | 87      | 95   | 91             | 131  | 69      | 88              | 4     | 35      | 6                     | 20                  |           |
| FB                        |           | V7514U     | 1.32         | 12.5        | 20.2           | 28.2           | 23            | 0.9     | 0.0  | -6.1           | 5.0  | -3.2    | -2.4            |       |         |                       |                     |           |
| WB18-115                  |           |            | 83%          | 57%         | 43%            | 20%            | 13%           | 20%     | 36%  | 36%            | 32%  | 28%     | 19%             |       |         |                       |                     |           |
| ZEWB190256                |           | FB14989    | 82           | 125         | 123            | 128            | 114           | 94      | 95   | 115            | 96   | 100     | 93              | 3     | 32      |                       | 8                   |           |
| FB                        |           | ZEWB170033 | 2.77         | 11.5        | 17.5           | 26.0           | 25            | 4.9     | 0.1  | 10.9           | 0.0  | -0.1    | -1.6            |       |         |                       |                     |           |
| ZEWB190256                |           |            |              | 89%         | 82%            | 85%            | 85%           | 82%     | 82%  | 84%            | 84%  | 83%     | 83%             |       |         |                       |                     |           |
| JAPANESE BLACK            |           |            |              |             |                |                |               |         |      |                |      |         |                 |       |         |                       |                     |           |
| AL 140054                 |           | TFWFW0629  | 134          | 82          | 75             | 78             | 73            | 85      | 119  | 83             | 70   | 147     | 126             | 4     | 72      | 20                    | 15                  | 20        |
| FB                        |           | KJDFE0003  | -2.00        | -4.6        | -10.3          | -12.2          | -31           | 0.0     | 3.1  | -11.5          | -3.6 | 4.6     | 3.8             |       |         |                       |                     |           |
| AL 140054                 |           |            | 80%          | 49%         | 50%            | 46%            | 35%           | 45%     | 79%  | 78%            | 73%  | 52%     | 37%             |       |         |                       |                     |           |
| AVW 170102                |           | A3001      | 107          | 108         | 105            | 110            | 94            | 83      | 90   | 91             | 100  | 97      | 113             | 1     | 48      | 11                    | 36                  |           |
| PBD                       |           | BA 140148  | 0.48         | 5.0         | 7.0            | 11.9           | -2            | -1.3    | -0.6 | -5.6           | 0.6  | -0.4    | 1.7             |       |         |                       |                     |           |
| ACACIA BEEF WASABI WONG   |           |            | 85%          | 40%         | 43%            | 37%            | 30%           | 35%     | 54%  | 53%            | 49%  | 51%     | 39%             |       |         |                       |                     |           |
| AVW 170103                |           | A3001      | 108          | 107         | 105            | 109            | 94            | 83      | 98   | 97             | 101  | 110     | 112             | 1     | 3       |                       | 1                   |           |
| PBD                       |           | BA 140148  | 0.42         | 4.9         | 6.8            | 11.7           | -2            | -1.2    | 0.5  | -1.2           | 0.7  | 0.8     | 1.5             |       |         |                       |                     |           |
| ACACIA BEEF KAWASAKI WONG |           |            | 58%          | 40%         | 43%            | 37%            | 30%           | 35%     | 50%  | 50%            | 46%  | 47%     | 37%             |       |         |                       |                     |           |

# WAGYU Dams

| Dam                   |           |            |  | Growth       |             |                |                |               |      | Carcass |                |      |         |                 | Stats |         |                     |           |
|-----------------------|-----------|------------|--|--------------|-------------|----------------|----------------|---------------|------|---------|----------------|------|---------|-----------------|-------|---------|---------------------|-----------|
| ID                    | Parentage | Sire ID    |  | Birth weight | Wean weight | 12 mnth weight | 18 mnth weight | Mature weight | Milk | IMF     | Carcass weight | EMA  | Rib Fat | Marble Fineness | Herds | Progeny | Active 2yrs & older | Carcasses |
| Name                  | Gen. DNA  | Dam ID     |  |              |             |                |                |               |      |         |                |      |         |                 |       |         |                     |           |
| AKAUSHI               |           |            |  |              |             |                |                |               |      |         |                |      |         |                 |       |         |                     |           |
| AVW 170101            |           | C0402      |  | 89           | 143         | 139            | 137            | 129           | 80   | 98      | 112            | 124  | 83      | 80              |       |         |                     |           |
| FB                    |           | KALFE0115  |  | 2.15         | 18.5        | 26.5           | 32.6           | 46            | -2.9 | 0.4     | 8.8            | 4.1  | -1.8    | -3.6            | 1     | 1       | 1                   |           |
| ACACIA BEEF AVW170101 |           |            |  | 56%          | 39%         | 46%            | 44%            | 28%           | 30%  | 45%     | 44%            | 42%  | 40%     | 30%             |       |         |                     |           |
| AVW 170203            | ✓         | C0402      |  | 92           | 142         | 138            | 136            | 129           | 79   | 98      | 112            | 124  | 83      | 80              |       |         |                     |           |
| FB                    | ✓         | KALFE0115  |  | 1.89         | 18.2        | 26.0           | 31.9           | 46            | -3.1 | 0.4     | 8.8            | 4.1  | -1.8    | -3.6            | 1     | 3       | 1                   |           |
| ACACIA BEEF SAFFRON   |           |            |  | 61%          | 39%         | 46%            | 44%            | 28%           | 30%  | 45%     | 44%            | 42%  | 40%     | 30%             |       |         |                     |           |
| AVW 180106            |           | CCCFH0037  |  | 99           | 137         | 137            | 144            | 107           | 75   | 92      | 97             | 101  | 73      | 89              |       |         |                     |           |
| FB                    |           | KALFC0031  |  | 1.25         | 16.2        | 25.1           | 37.6           | 16            | -5.3 | -0.4    | -1.5           | 0.8  | -2.9    | -2.2            | 2     | 2       | 1                   |           |
| ACACIA BEEF AVW180106 |           |            |  | 60%          | 36%         | 54%            | 53%            | 32%           | 34%  | 51%     | 52%            | 49%  | 48%     | 37%             |       |         |                     |           |
| AVW 190047            | ✓         | AVW 170204 |  | 83           | 121         | 124            | 124            | 118           | 107  | 80      | 112            | 96   | 86      | 96              |       |         |                     |           |
| F1                    |           | CWBFKK342  |  | 2.71         | 10.1        | 17.5           | 23.1           | 31            | 12.4 | -1.8    | 9.2            | 0.1  | -1.5    | -1.1            | 1     | 1       | 1                   |           |
| AVW190047             |           |            |  | 44%          | 18%         | 27%            | 26%            | 16%           | 17%  | 35%     | 35%            | 32%  | 33%     | 23%             |       |         |                     |           |
| AVW 210094            | ✓         | AVW 170204 |  | 80           | 122         | 124            | 125            | 118           | 107  | 80      | 112            | 96   | 86      | 96              |       |         |                     |           |
| F1                    |           | CWBFKK323  |  | 2.97         | 10.5        | 18.0           | 23.7           | 31            | 12.5 | -1.8    | 9.2            | 0.1  | -1.5    | -1.1            | 1     | 1       |                     |           |
| AVW210094             |           |            |  | 44%          | 18%         | 27%            | 26%            | 16%           | 17%  | 35%     | 35%            | 32%  | 33%     | 23%             |       |         |                     |           |
| JAPANESE BLACK        |           |            |  |              |             |                |                |               |      |         |                |      |         |                 |       |         |                     |           |
| AVW 170010            | ✓         | AL 140054  |  | 93           | 96          | 95             | 94             | 101           | 113  | 97      | 96             | 91   | 135     | 121             |       |         |                     |           |
| F1                    |           |            |  | 1.81         | 0.5         | 1.1            | -0.2           | 7             | 15.7 | 0.3     | -2.5           | -0.6 | 3.3     | 2.9             | 1     | 3       | 1                   |           |
| ACACIA BEEF AV170010  |           |            |  | 56%          | 25%         | 25%            | 23%            | 17%           | 23%  | 46%     | 44%            | 41%  | 35%     | 27%             |       |         |                     |           |
| AVW 170012            | ✓         | AL 140054  |  | 99           | 94          | 93             | 92             | 101           | 112  | 103     | 98             | 82   | 126     | 112             |       |         |                     |           |
| F1                    |           |            |  | 1.22         | -0.3        | 0.0            | -1.6           | 7             | 15.3 | 1.1     | -0.6           | -1.9 | 2.4     | 1.5             | 1     | 4       | 3                   |           |
| ACACIA BEEF AVW170012 |           |            |  | 59%          | 25%         | 25%            | 23%            | 17%           | 23%  | 40%     | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 170104            |           | A3001      |  | 114          | 106         | 103            | 108            | 94            | 82   | 95      | 95             | 98   | 92      | 105             |       |         |                     |           |
| PBD                   |           | BA 140148  |  | -0.12        | 4.2         | 5.8            | 10.5           | -2            | -1.6 | 0.1     | -2.6           | 0.3  | -1.0    | 0.4             | 1     | 3       | 2                   |           |
| ACACIA BEEF MARY WONG |           |            |  | 61%          | 40%         | 43%            | 37%            | 30%           | 35%  | 47%     | 47%            | 44%  | 43%     | 34%             |       |         |                     |           |
| AVW 170302            |           | BA 130939  |  | 109          | 110         | 104            | 105            | 97            | 74   | 82      | 93             | 100  | 87      | 112             |       |         |                     |           |
| PBD                   |           | BA 140151  |  | 0.32         | 5.9         | 6.5            | 8.5            | 3             | -5.8 | -1.5    | -4.0           | 0.6  | -1.4    | 1.5             | 2     | 5       | 1                   |           |
| ACACIA BEEF AVW170302 |           |            |  | 62%          | 42%         | 34%            | 31%            | 32%           | 37%  | 45%     | 45%            | 42%  | 33%     | 25%             |       |         |                     |           |
| AVW 180019            | ✓         | AL 140054  |  | 98           | 94          | 93             | 92             | 101           | 112  | 103     | 98             | 82   | 126     | 112             |       |         |                     |           |
| F1                    |           |            |  | 1.30         | -0.2        | 0.1            | -1.4           | 7             | 15.4 | 1.1     | -0.6           | -1.9 | 2.4     | 1.5             | 1     | 3       | 2                   |           |
| 866123                |           |            |  | 56%          | 25%         | 25%            | 23%            | 17%           | 23%  | 40%     | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 180021            | ✓         | AL 140054  |  | 110          | 91          | 90             | 89             | 101           | 111  | 103     | 98             | 82   | 126     | 112             |       |         |                     |           |
| F1                    |           |            |  | 0.26         | -1.5        | -1.9           | -3.8           | 7             | 14.7 | 1.1     | -0.6           | -1.9 | 2.4     | 1.5             | 1     | 3       | 2                   |           |
| 866125                |           |            |  | 56%          | 25%         | 25%            | 23%            | 17%           | 23%  | 40%     | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |

WAGYU Dams

| Dam            |           |          |            | Growth       |             |                |                |               | Carcass |      |                |      |         | Stats           |       |         |                     |           |
|----------------|-----------|----------|------------|--------------|-------------|----------------|----------------|---------------|---------|------|----------------|------|---------|-----------------|-------|---------|---------------------|-----------|
| ID             | Parentage | Sire ID  |            | Birth weight | Wean weight | 12 mnth weight | 18 mnth weight | Mature weight | Milk    | IMF  | Carcass weight | EMA  | Rib Fat | Marble Fineness | Herds | Progeny | Active 2yrs & older | Carcasses |
| Name           |           | Gen. DNA | Dam ID     |              |             |                |                |               |         |      |                |      |         |                 |       |         |                     |           |
| JAPANESE BLACK |           |          |            |              |             |                |                |               |         |      |                |      |         |                 |       |         |                     |           |
| AVW 180022     |           | ✓        | AL 140054  | 99           | 94          | 93             | 92             | 101           | 112     | 103  | 102            | 80   | 134     | 115             | 1     | 3       | 1                   |           |
| F1             |           |          |            | 1.27         | -0.2        | 0.1            | -1.4           | 7             | 15.4    | 1.0  | 1.9            | -2.2 | 3.2     | 2.1             |       |         |                     |           |
| AVW180022      |           |          |            | 55%          | 25%         | 25%            | 23%            | 17%           | 23%     | 46%  | 44%            | 41%  | 35%     | 27%             |       |         |                     |           |
| AVW 180023     |           | ✓        | AL 140054  | 97           | 94          | 94             | 92             | 101           | 113     | 103  | 98             | 82   | 126     | 112             | 1     | 2       | 1                   |           |
| F1             |           |          |            | 1.38         | -0.1        | 0.3            | -1.2           | 7             | 15.4    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| AVW180023      |           |          |            | 52%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 180025     |           | ✓        | AL 140054  | 113          | 90          | 89             | 88             | 101           | 111     | 103  | 98             | 82   | 126     | 112             | 1     | 2       | 1                   |           |
| F1             |           |          |            | -0.02        | -1.8        | -2.4           | -4.5           | 7             | 14.6    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| AVW180025      |           |          |            | 52%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 180028     |           | ✓        | AL 140054  | 96           | 95          | 94             | 93             | 101           | 113     | 103  | 98             | 82   | 126     | 112             | 1     | 3       | 2                   |           |
| F1             |           |          |            | 1.47         | 0.0         | 0.4            | -1.0           | 7             | 15.5    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| AVW180028      |           |          |            | 55%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 180029     |           | ✓        | AL 140054  | 102          | 93          | 92             | 91             | 101           | 112     | 103  | 98             | 82   | 126     | 112             | 1     | 3       | 2                   |           |
| F1             |           |          |            | 1.00         | -0.6        | -0.5           | -2.1           | 7             | 15.2    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| AVW180029      |           |          |            | 51%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 180034     |           | ✓        | AL 140054  | 104          | 92          | 92             | 91             | 101           | 112     | 103  | 98             | 82   | 126     | 112             | 1     | 1       | 1                   |           |
| F1             |           |          |            | 0.81         | -0.8        | -0.8           | -2.5           | 7             | 15.1    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| AVW180034      |           |          |            | 47%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 180035     |           | ✓        | AL 140054  | 108          | 91          | 90             | 89             | 101           | 111     | 103  | 98             | 82   | 126     | 112             | 1     | 2       | 1                   |           |
| F1             |           |          |            | 0.36         | -1.4        | -1.7           | -3.6           | 7             | 14.8    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| AVW180035      |           |          |            | 52%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 180036     |           | ✓        | AL 140054  | 100          | 93          | 93             | 91             | 101           | 112     | 103  | 98             | 82   | 126     | 112             | 1     | 2       | 1                   |           |
| F1             |           |          |            | 1.11         | -0.4        | -0.3           | -1.8           | 7             | 15.3    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| AVW180036      |           |          |            | 52%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 190040     |           | ✓        | OVE 080002 | 105          | 84          | 85             | 87             | 93            | 108     | 85   | 96             | 97   | 95      | 110             | 1     | 1       |                     |           |
| F1             |           |          |            | 0.68         | -4.2        | -4.9           | -5.4           | -3            | 12.9    | -1.2 | -2.2           | 0.1  | -0.7    | 1.2             |       |         |                     |           |
| 866307         |           |          |            | 54%          | 48%         | 46%            | 45%            | 32%           | 44%     | 48%  | 48%            | 47%  | 42%     | 33%             |       |         |                     |           |
| AVW 190041     |           | ✓        | OVE 080002 | 111          | 82          | 83             | 85             | 93            | 107     | 85   | 96             | 97   | 95      | 110             | 1     | 2       | 1                   |           |
| F1             |           |          |            | 0.14         | -4.8        | -5.9           | -6.7           | -3            | 12.6    | -1.2 | -2.2           | 0.1  | -0.7    | 1.2             |       |         |                     |           |
| 866308         |           |          |            | 58%          | 48%         | 46%            | 45%            | 32%           | 44%     | 48%  | 48%            | 47%  | 42%     | 33%             |       |         |                     |           |
| AVW 190042     |           | ✓        | BA 130986  | 83           | 102         | 103            | 103            | 104           | 117     | 91   | 104            | 87   | 98      | 98              | 1     | 2       | 1                   |           |
| F1             |           |          |            | 2.72         | 3.0         | 5.7            | 6.6            | 11            | 17.6    | -0.4 | 3.4            | -1.2 | -0.3    | -0.8            |       |         |                     |           |
| 866309         |           |          |            | 50%          | 30%         | 29%            | 28%            | 22%           | 25%     | 43%  | 43%            | 41%  | 30%     | 20%             |       |         |                     |           |
| AVW 190044     |           | ✓        | BA 120783  | 80           | 104         | 104            | 103            | 106           | 110     | 88   | 113            | 95   | 96      | 97              | 1     | 1       | 1                   |           |
| F1             |           |          |            | 2.96         | 3.4         | 6.5            | 7.0            | 14            | 14.3    | -0.9 | 9.4            | -0.2 | -0.5    | -0.9            |       |         |                     |           |
| 866311         |           |          |            | 49%          | 34%         | 29%            | 29%            | 25%           | 37%     | 38%  | 38%            | 36%  | 31%     | 21%             |       |         |                     |           |

WAGYU Dams

| Dam            |           |              |        | Growth |        |         |         |        |       | Carcass |         |      |         |          | Stats |         |              |           |
|----------------|-----------|--------------|--------|--------|--------|---------|---------|--------|-------|---------|---------|------|---------|----------|-------|---------|--------------|-----------|
| ID             | Parentage | Sire ID      |        | Birth  | Wean   | 12 mnth | 18 mnth | Mature | Milk  | IMF     | Carcass | EMA  | Rib Fat | Marble   | Herds | Progeny | Active       |           |
| Name           | Gen.      | DNA          | Dam ID | weight | weight | weight  | weight  | weight |       |         | weight  |      |         | Fineness |       |         | 2yrs & older | Carcasses |
| JAPANESE BLACK |           |              |        |        |        |         |         |        |       |         |         |      |         |          |       |         |              |           |
| AVW 190059     |           | ✓ PWYPM0775  |        | 120    | 101    | 96      | 98      | 87     | 74    | 96      | 69      | 93   | 78      | 114      |       |         |              |           |
| PBD            |           | ✓ AVW 170104 |        | -0.72  | 2.5    | 1.5     | 3.2     | -12    | -5.9  | 0.2     | -20.8   | -0.4 | -2.4    | 1.8      | 1     | 1       | 1            |           |
| AVW190059      |           |              |        | 57%    | 30%    | 40%     | 33%     | 21%    | 27%   | 49%     | 50%     | 47%  | 47%     | 36%      |       |         |              |           |
| BA 140148      |           | ✓ ETJ001     |        | 99     | 107    | 106     | 110     | 96     | 93    | 63      | 106     | 96   | 98      | 123      |       |         |              |           |
| PBD            |           | ✓ BA 110457  |        | 1.21   | 4.8    | 7.4     | 12.4    | 1      | 4.7   | -4.0    | 4.9     | 0.0  | -0.4    | 3.2      | 2     | 6       | 2            |           |
| BA 140148      |           |              |        | 79%    | 50%    | 45%     | 46%     | 43%    | 50%   | 51%     | 51%     | 49%  | 47%     | 36%      |       |         |              |           |
| BA 140210      |           | ✓ IMUFZ5998  |        | 123    | 87     | 89      | 95      | 85     | 99    | 94      | 94      | 89   | 102     | 109      |       |         |              |           |
| FB             |           | ✓ BA 100388  |        | -1.03  | -2.8   | -2.5    | 0.9     | -15    | 8.0   | -0.1    | -3.8    | -1.0 | 0.0     | 1.0      | 2     | 3       | 1            |           |
| BA 140210      |           |              |        | 75%    | 39%    | 34%     | 25%     | 26%    | 43%   | 41%     | 40%     | 38%  | 33%     | 25%      |       |         |              |           |
| KALFC0031      |           | ✓ HBCFV2139  |        | 100    | 149    | 151     | 150     | 113    | 67    | 84      | 118     | 109  | 67      | 83       |       |         |              |           |
| FB             |           | ✓ STAFT0066  |        | 1.14   | 20.7   | 33.2    | 42.4    | 24     | -10.2 | -1.3    | 13.5    | 1.9  | -3.5    | -3.1     | 10    | 20      | 9            |           |
| KALANGA F C031 |           |              |        | 67%    | 37%    | 68%     | 68%     | 29%    | 35%   | 62%     | 62%     | 57%  | 57%     | 40%      |       |         |              |           |
| WF 170022      |           | KF 120017    |        | 108    | 93     | 95      | 94      | 92     | 97    | 88      | 125     | 99   | 109     | 111      |       |         |              |           |
| F1             |           | WWG17*       |        | 0.44   | -0.4   | 1.1     | 0.3     | -4     | 7.0   | -0.8    | 18.4    | 0.4  | 0.7     | 1.4      | 1     | 1       |              |           |
| WWW22          |           |              |        | 41%    | 27%    | 27%     | 25%     | 23%    | 27%   | 49%     | 48%     | 46%  | 37%     | 22%      |       |         |              |           |
| WF 170118      |           | KF 120017    |        | 106    | 94     | 96      | 95      | 92     | 98    | 89      | 117     | 100  | 104     | 111      |       |         |              |           |
| F1             |           | WWG66        |        | 0.63   | -0.2   | 1.4     | 0.7     | -4     | 7.1   | -0.6    | 12.8    | 0.6  | 0.3     | 1.4      | 1     | 1       |              |           |
| WWW118         |           |              |        | 41%    | 27%    | 27%     | 25%     | 23%    | 27%   | 47%     | 47%     | 46%  | 37%     | 22%      |       |         |              |           |

WAGYU Bulls

| Inbreeding >6% is high |             |           |            | <75                | 75 - 125          | >125       | Breeding values with an accuracy < 5% are not printed |                 |              |             |            |                 |                 |               |                  |               |           |         |                |      |         |                   |
|------------------------|-------------|-----------|------------|--------------------|-------------------|------------|-------------------------------------------------------|-----------------|--------------|-------------|------------|-----------------|-----------------|---------------|------------------|---------------|-----------|---------|----------------|------|---------|-------------------|
| Bull                   |             |           |            | Selection Value    |                   |            |                                                       |                 | Calf weight  |             | Mother     |                 | Growth          |               | Fertility        |               |           | Carcass |                |      |         |                   |
| ID                     | %Inbreeding | Parentage |            | Calving Ease Value | Calf Growth Value | Milk Value | Maintenance Value                                     | Fertility Value | Birth Weight | Wean Weight | Birth Mat. | Milk (Wn. Mat.) | Postwean Weight | Mature Weight | Heifer Fertility | Cow Fertility | Longevity | IMF     | Carcass Weight | EMA  | Rib Fat | Marbling Fineness |
| Name                   |             | Genomic   | DNA        |                    |                   |            |                                                       |                 |              |             |            |                 |                 |               |                  |               |           |         |                |      |         |                   |
| AKAUSHI                |             |           |            |                    |                   |            |                                                       |                 |              |             |            |                 |                 |               |                  |               |           |         |                |      |         |                   |
| AVW 170204             | 5           |           | CCCFH0037  | 88                 | 141               | 75         | 93                                                    | 148             | 90           | 141         | 89         | 75              | 144             | 107           | 143              | 143           | 127       | 74      | 111            | 98   | 68      | 94                |
| FB                     |             |           | KALFC0031  | 69%                | 36%               | 34 %       | 32%                                                   | 30%             | 2.03         | 17.5        | 0.09       | -5.3            | 32.9            | 16            | -25.3            | -6.9          | 18.3      | -2.6    | 8.1            | 0.3  | -3.3    | -1.4              |
| ACACIA BEEF CARDINAL   |             |           |            |                    |                   |            |                                                       |                 | 73 %         | 36 %        | 53%        | 34%             | 54%             | 32%           | 46%              | 14%           | 72 %      | 70 %    | 69 %           | 63 % | 65 %    | 46 %              |
| JAPANESE BLACK         |             |           |            |                    |                   |            |                                                       |                 |              |             |            |                 |                 |               |                  |               |           |         |                |      |         |                   |
| AVW 250196             |             |           | ZEWB190256 | 93                 | 104               | 101        | 97                                                    | 112             | 95           | 104         | 91         | 101             | 106             | 103           | 109              | 112           | 113       | 90      | 105            | 96   | 97      | 101               |
| PEN                    |             |           | AVW 190040 | 59%                | 28%               | 28 %       | 22%                                                   | 22%             | 1.63         | 3.5         | 0.01       | 8.9             | 7.7             | 11            | -7.8             | -1.4          | 11.6      | -0.6    | 4.3            | 0.1  | -0.4    | -0.2              |
| ACACIA BEEF AVW 250196 |             |           |            |                    |                   |            |                                                       |                 | 65 %         | 28 %        | 35%        | 28%             | 39%             | 22%           | 29%              | 14%           | 38 %      | 34 %    | 34 %           | 32 % | 27 %    | 21 %              |

# WAGYU Cows

| Inbreeding >6% is high                              |             |             |                   | <75                | 75 - 125          | >125       | Breeding values with an accuracy < 5% are not printed |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
|-----------------------------------------------------|-------------|-------------|-------------------|--------------------|-------------------|------------|-------------------------------------------------------|-----------------|--------------|-------------|------------|----------------|-----------------|---------------|------------------|---------------|-----------|--------|----------------|-----|---------|-------------------|
| Cow                                                 |             |             |                   | Selection Values   |                   |            |                                                       |                 | Kalf gewig   |             | Moeder     |                | Groei           |               | Vrugbaarheid     |               |           | Karkas |                |     |         |                   |
| ID                                                  | %Inbreeding | Parentage   |                   | Calving Ease Value | Calf Growth Value | Milk Value | Maintenance Value                                     | Fertility Value | Birth Weight | Wean Weight | Birth Mat. | Milk (Wn.Mat.) | Postwean Weight | Mature Weight | Heifer Fertility | Cow Fertility | Longevity | IMF    | Carcass Weight | EMA | Rib Fat | Marbling Fineness |
| Name                                                |             | Genomic DNA | Sire ID<br>Dam ID |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| AKAUSHI                                             |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| AVW 250160 <span>✓</span> AVW 170204                |             |             |                   | 101                | 116               | 87         | 100                                                   | 122             | 102          | 116         | 93         | 87             | 118             | 100           | 111              | 126           | 117       | 82     | 114            | 99  | 86      | 103               |
| F1 WF 170118                                        |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| ACACIA BEEF AVW 250160                              |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| AVW 250162 <span>✓</span> WB 180115                 |             |             |                   | 110                | 107               | 92         | 98                                                    | 106             | 109          | 107         | 94         | 92             | 110             | 102           | 93               | 114           | 117       | 91     | 108            | 115 | 89      | 100               |
| F1 WF 170022                                        |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| ACACIA BEEF AVW 250162                              |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| AVW 250175 <span>3</span> <span>✓</span> ZEWB190256 |             |             |                   | 76                 | 124               | 100        | 84                                                    | 124             | 81           | 124         | 85         | 100            | 126             | 116           | 118              | 125           | 124       | 88     | 113            | 96  | 93      | 94                |
| F1 AVW 210094                                       |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| ACACIA BEEF AVW 250175                              |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| AVW 250191 <span>6</span> <span>✓</span> WB 180115  |             |             |                   | 102                | 132               | 83         | 80                                                    | 128             | 102          | 132         | 95         | 83             | 131             | 120           | 123              | 127           | 121       | 96     | 101            | 128 | 76      | 84                |
| FB <span>✓</span> AVW 170203                        |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| ACACIA BEEF AVW 250191                              |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| AVW 250195 <span>✓</span> WB 180115                 |             |             |                   | 91                 | 114               | 99         | 94                                                    | 105             | 92           | 114         | 93         | 99             | 113             | 106           | 103              | 105           | 110       | 99     | 94             | 107 | 98      | 100               |
| F1 AVW 170012                                       |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| ACACIA BEEF AVW 250195                              |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| AVW 250201 <span>✓</span> WB 180115                 |             |             |                   | 94                 | 111               | 100        | 94                                                    | 104             | 96           | 111         | 89         | 100            | 112             | 106           | 102              | 105           | 108       | 96     | 93             | 111 | 102     | 104               |
| F1 AVW 170010                                       |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| ACACIA BEEF AVW 250201                              |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| JAPANESE BLACK                                      |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| AVW 250167 <span>✓</span> AVW 170204                |             |             |                   | 90                 | 119               | 94         | 96                                                    | 119             | 92           | 119         | 93         | 94             | 119             | 104           | 120              | 117           | 111       | 88     | 106            | 89  | 101     | 105               |
| F2 <span>✓</span> AVW 180022                        |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| ACACIA BEEF AVW 250167                              |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| AVW 250190 <span>✓</span> AVW 170204                |             |             |                   | 87                 | 120               | 94         | 96                                                    | 119             | 89           | 120         | 93         | 94             | 120             | 104           | 120              | 117           | 111       | 89     | 105            | 90  | 97      | 103               |
| F2 <span>✓</span> AVW 180023                        |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| ACACIA BEEF AVW 250190                              |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| AVW 250192 <span>✓</span> AVW 170204                |             |             |                   | 88                 | 120               | 94         | 96                                                    | 120             | 90           | 120         | 93         | 94             | 120             | 104           | 120              | 117           | 112       | 89     | 105            | 90  | 97      | 103               |
| F2 <span>✓</span> AVW 180019                        |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| ACACIA BEEF AVW 250192                              |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| AVW 250198 ZEWB190256                               |             |             |                   | 98                 | 107               | 103        | 93                                                    | 111             | 98           | 107         | 95         | 103            | 107             | 107           | 106              | 113           | 110       | 99     | 106            | 89  | 113     | 102               |
| PEN AVW 180035                                      |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| ACACIA BEEF AVW 250198                              |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| AVW 250199 ZEWB190256                               |             |             |                   | 101                | 105               | 103        | 93                                                    | 109             | 101          | 105         | 96         | 103            | 106             | 107           | 103              | 112           | 118       | 99     | 106            | 89  | 113     | 102               |
| PEN AVW 180021                                      |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |
| ACACIA BEEF AVW 250199                              |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |     |         |                   |

# WAGYU Cows

| Inbreeding >6% is high |             |             |         | <75                | 75 - 125          | >125       | Breeding values with an accuracy < 5% are not printed |                 |              |             |            |                |                 |               |                  |               |           |        |                |      |         |                   |
|------------------------|-------------|-------------|---------|--------------------|-------------------|------------|-------------------------------------------------------|-----------------|--------------|-------------|------------|----------------|-----------------|---------------|------------------|---------------|-----------|--------|----------------|------|---------|-------------------|
| Cow                    |             |             |         | Selection Values   |                   |            |                                                       |                 | Kalf gewig   |             | Moeder     |                | Groei           |               | Vrugbaarheid     |               |           | Karkas |                |      |         |                   |
| ID                     | %Inbreeding | Parentage   |         | Calving Ease Value | Calf Growth Value | Milk Value | Maintenance Value                                     | Fertility Value | Birth Weight | Wean Weight | Birth Mat. | Milk (Wn.Mat.) | Postwean Weight | Mature Weight | Heifer Fertility | Cow Fertility | Longevity | IMF    | Carcass Weight | EMA  | Rib Fat | Marbling Fineness |
|                        |             | Genomic DNA | Sire ID |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |      |         |                   |
| Name                   |             |             |         |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |      |         |                   |
| JAPANESE BLACK         |             |             |         |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |      |         |                   |
| AVW 250200             |             | ZEWB190256  |         | 101                | 101               | 101        | 97                                                    | 112             | 101          | 101         | 96         | 101            | 103             | 103           | 109              | 112           | 113       | 90     | 105            | 96   | 97      | 101               |
| PEN                    |             | AVW 190041  |         | 60 %               | 28 %              | 28 %       | 22 %                                                  | 22 %            | 1.04         | 2.6         | -0.17      | 8.8            | 6.2             | 11            | -7.8             | -1.4          | 11.6      | -0.6   | 4.3            | 0.1  | -0.4    | -0.2              |
| ACACIA BEEF AVW 250200 |             |             |         | 60 %               | 28 %              | 28 %       | 22 %                                                  | 22 %            | 66 %         | 28 %        | 37 %       | 28 %           | 39 %            | 22%           | 29%              | 14%           | 38 %      | 34 %   | 34 %           | 32 % | 27 %    | 21 %              |



**CWB**

## **BREEDING VALUE REPORT**

June 2026



### **ACACIA VALLEY RANCHES**

Herd Number: 8419671

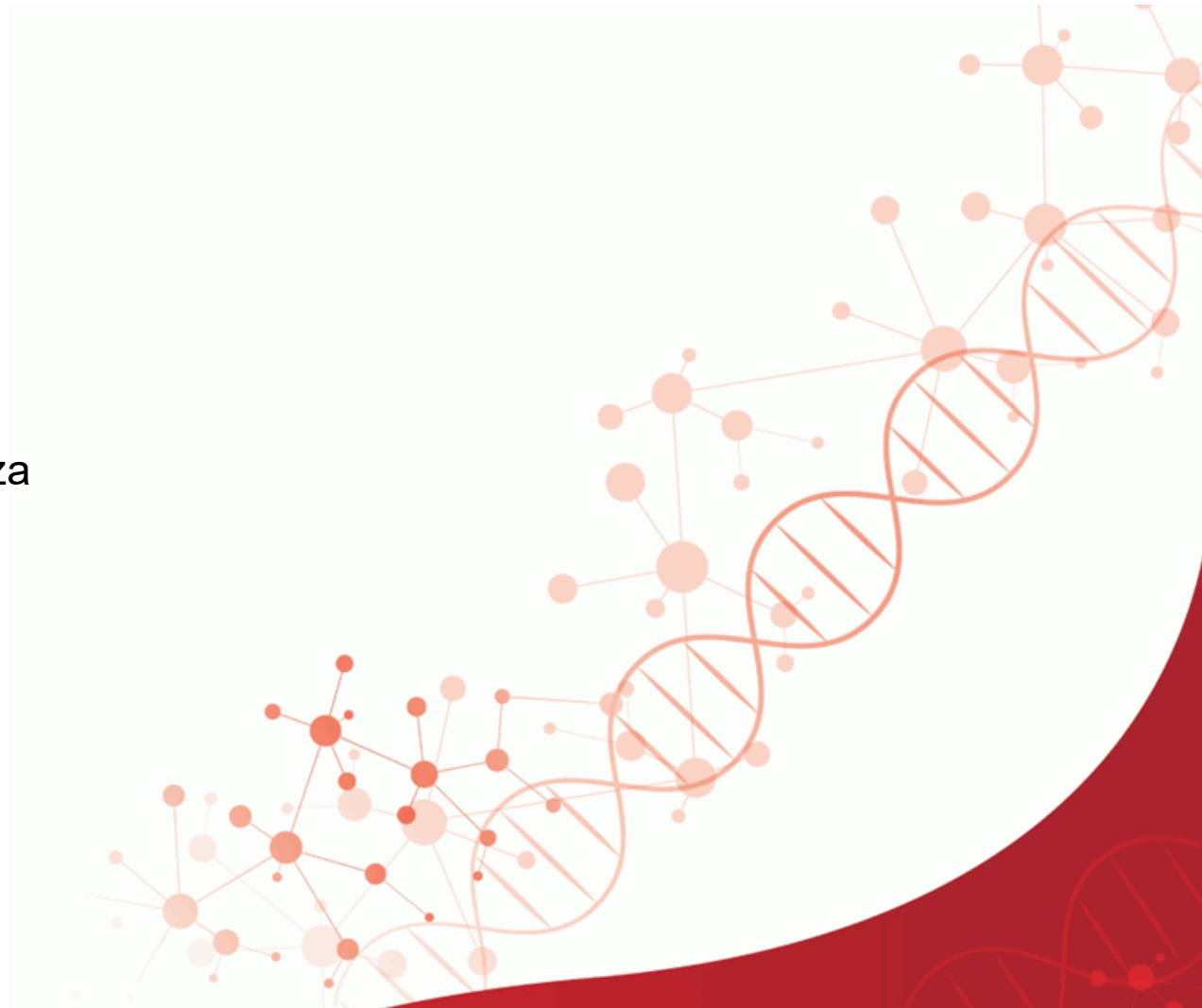
E-mail: [dickandjill@melliferahunt.co.za](mailto:dickandjill@melliferahunt.co.za)



**WAGYU**  
**SOCIETY**  
OF SOUTH AFRICA



CERTIFICATE  
OF QUALITY  
Valid up to  
October 2029



# CWB Dams

| Dam                   |           |            | Growth       |             |                |                |               | Carcass |      |                |      |         | Stats           |       |         |                     |           |
|-----------------------|-----------|------------|--------------|-------------|----------------|----------------|---------------|---------|------|----------------|------|---------|-----------------|-------|---------|---------------------|-----------|
| ID                    | Parentage | Sire ID    | Birth weight | Wean weight | 12 mnth weight | 18 mnth weight | Mature weight | Milk    | IMF  | Carcass weight | EMA  | Rib Fat | Marble Fineness | Herds | Progeny | Active 2yrs & older | Carcasses |
| Name                  | Gen. DNA  | Dam ID     |              |             |                |                |               |         |      |                |      |         |                 |       |         |                     |           |
| AKAUSHI               |           |            |              |             |                |                |               |         |      |                |      |         |                 |       |         |                     |           |
| AVW 170101            |           | C0402      | 89           | 143         | 139            | 137            | 129           | 80      | 98   | 112            | 124  | 83      | 80              |       |         |                     |           |
| FB                    |           | KALFE0115  | 2.15         | 18.5        | 26.5           | 32.6           | 46            | -2.9    | 0.4  | 8.8            | 4.1  | -1.8    | -3.6            | 1     | 1       | 1                   |           |
| ACACIA BEEF AVW170101 |           |            | 56%          | 39%         | 46%            | 44%            | 28%           | 30%     | 45%  | 44%            | 42%  | 40%     | 30%             |       |         |                     |           |
| AVW 170203            | ✓         | C0402      | 92           | 142         | 138            | 136            | 129           | 79      | 98   | 112            | 124  | 83      | 80              |       |         |                     |           |
| FB                    | ✓         | KALFE0115  | 1.89         | 18.2        | 26.0           | 31.9           | 46            | -3.1    | 0.4  | 8.8            | 4.1  | -1.8    | -3.6            | 1     | 3       | 1                   |           |
| ACACIA BEEF SAFFRON   |           |            | 61%          | 39%         | 46%            | 44%            | 28%           | 30%     | 45%  | 44%            | 42%  | 40%     | 30%             |       |         |                     |           |
| AVW 180106            |           | CCCFH0037  | 99           | 137         | 137            | 144            | 107           | 75      | 92   | 97             | 101  | 73      | 89              |       |         |                     |           |
| FB                    |           | KALFC0031  | 1.25         | 16.2        | 25.1           | 37.6           | 16            | -5.3    | -0.4 | -1.5           | 0.8  | -2.9    | -2.2            | 2     | 2       | 1                   |           |
| ACACIA BEEF AVW180106 |           |            | 60%          | 36%         | 54%            | 53%            | 32%           | 34%     | 51%  | 52%            | 49%  | 48%     | 37%             |       |         |                     |           |
| AVW 190047            | ✓         | AVW 170204 | 83           | 121         | 124            | 124            | 118           | 107     | 80   | 112            | 96   | 86      | 96              |       |         |                     |           |
| F1                    |           | CWBFKK342  | 2.71         | 10.1        | 17.5           | 23.1           | 31            | 12.4    | -1.8 | 9.2            | 0.1  | -1.5    | -1.1            | 1     | 1       | 1                   |           |
| AVW190047             |           |            | 44%          | 18%         | 27%            | 26%            | 16%           | 17%     | 35%  | 35%            | 32%  | 33%     | 23%             |       |         |                     |           |
| AVW 210094            | ✓         | AVW 170204 | 80           | 122         | 124            | 125            | 118           | 107     | 80   | 112            | 96   | 86      | 96              |       |         |                     |           |
| F1                    |           | CWBFKK323  | 2.97         | 10.5        | 18.0           | 23.7           | 31            | 12.5    | -1.8 | 9.2            | 0.1  | -1.5    | -1.1            | 1     | 1       |                     |           |
| AVW210094             |           |            | 44%          | 18%         | 27%            | 26%            | 16%           | 17%     | 35%  | 35%            | 32%  | 33%     | 23%             |       |         |                     |           |
| JAPANESE BLACK        |           |            |              |             |                |                |               |         |      |                |      |         |                 |       |         |                     |           |
| AVW 170010            | ✓         | AL 140054  | 93           | 96          | 95             | 94             | 101           | 113     | 97   | 96             | 91   | 135     | 121             |       |         |                     |           |
| F1                    |           |            | 1.81         | 0.5         | 1.1            | -0.2           | 7             | 15.7    | 0.3  | -2.5           | -0.6 | 3.3     | 2.9             | 1     | 3       | 1                   |           |
| ACACIA BEEF AV170010  |           |            | 56%          | 25%         | 25%            | 23%            | 17%           | 23%     | 46%  | 44%            | 41%  | 35%     | 27%             |       |         |                     |           |
| AVW 170012            | ✓         | AL 140054  | 99           | 94          | 93             | 92             | 101           | 112     | 103  | 98             | 82   | 126     | 112             |       |         |                     |           |
| F1                    |           |            | 1.22         | -0.3        | 0.0            | -1.6           | 7             | 15.3    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             | 1     | 4       | 3                   |           |
| ACACIA BEEF AVW170012 |           |            | 59%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 170104            |           | A3001      | 114          | 106         | 103            | 108            | 94            | 82      | 95   | 95             | 98   | 92      | 105             |       |         |                     |           |
| PBD                   |           | BA 140148  | -0.12        | 4.2         | 5.8            | 10.5           | -2            | -1.6    | 0.1  | -2.6           | 0.3  | -1.0    | 0.4             | 1     | 3       | 2                   |           |
| ACACIA BEEF MARY WONG |           |            | 61%          | 40%         | 43%            | 37%            | 30%           | 35%     | 47%  | 47%            | 44%  | 43%     | 34%             |       |         |                     |           |
| AVW 170302            |           | BA 130939  | 109          | 110         | 104            | 105            | 97            | 74      | 82   | 93             | 100  | 87      | 112             |       |         |                     |           |
| PBD                   |           | BA 140151  | 0.32         | 5.9         | 6.5            | 8.5            | 3             | -5.8    | -1.5 | -4.0           | 0.6  | -1.4    | 1.5             | 2     | 5       | 1                   |           |
| ACACIA BEEF AVW170302 |           |            | 62%          | 42%         | 34%            | 31%            | 32%           | 37%     | 45%  | 45%            | 42%  | 33%     | 25%             |       |         |                     |           |
| AVW 180019            | ✓         | AL 140054  | 98           | 94          | 93             | 92             | 101           | 112     | 103  | 98             | 82   | 126     | 112             |       |         |                     |           |
| F1                    |           |            | 1.30         | -0.2        | 0.1            | -1.4           | 7             | 15.4    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             | 1     | 3       | 2                   |           |
| 866123                |           |            | 56%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 180021            | ✓         | AL 140054  | 110          | 91          | 90             | 89             | 101           | 111     | 103  | 98             | 82   | 126     | 112             |       |         |                     |           |
| F1                    |           |            | 0.26         | -1.5        | -1.9           | -3.8           | 7             | 14.7    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             | 1     | 3       | 2                   |           |
| 866125                |           |            | 56%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |

# CWB Dams

| Dam            |           |            | Growth       |             |                |                |               | Carcass |      |                |      |         | Stats           |       |         |                     |           |
|----------------|-----------|------------|--------------|-------------|----------------|----------------|---------------|---------|------|----------------|------|---------|-----------------|-------|---------|---------------------|-----------|
| ID             | Parentage | Sire ID    | Birth weight | Wean weight | 12 mnth weight | 18 mnth weight | Mature weight | Milk    | IMF  | Carcass weight | EMA  | Rib Fat | Marble Fineness | Herds | Progeny | Active 2yrs & older | Carcasses |
| Name           | Gen. DNA  | Dam ID     |              |             |                |                |               |         |      |                |      |         |                 |       |         |                     |           |
| JAPANESE BLACK |           |            |              |             |                |                |               |         |      |                |      |         |                 |       |         |                     |           |
| AVW 180022     | ✓         | AL 140054  | 99           | 94          | 93             | 92             | 101           | 112     | 103  | 102            | 80   | 134     | 115             | 1     | 3       | 1                   |           |
| F1             |           |            | 1.27         | -0.2        | 0.1            | -1.4           | 7             | 15.4    | 1.0  | 1.9            | -2.2 | 3.2     | 2.1             |       |         |                     |           |
| AVW180022      |           |            | 55%          | 25%         | 25%            | 23%            | 17%           | 23%     | 46%  | 44%            | 41%  | 35%     | 27%             |       |         |                     |           |
| AVW 180023     | ✓         | AL 140054  | 97           | 94          | 94             | 92             | 101           | 113     | 103  | 98             | 82   | 126     | 112             | 1     | 2       | 1                   |           |
| F1             |           |            | 1.38         | -0.1        | 0.3            | -1.2           | 7             | 15.4    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| AVW180023      |           |            | 52%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 180025     | ✓         | AL 140054  | 113          | 90          | 89             | 88             | 101           | 111     | 103  | 98             | 82   | 126     | 112             | 1     | 2       | 1                   |           |
| F1             |           |            | -0.02        | -1.8        | -2.4           | -4.5           | 7             | 14.6    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| AVW180025      |           |            | 52%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 180028     | ✓         | AL 140054  | 96           | 95          | 94             | 93             | 101           | 113     | 103  | 98             | 82   | 126     | 112             | 1     | 3       | 2                   |           |
| F1             |           |            | 1.47         | 0.0         | 0.4            | -1.0           | 7             | 15.5    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| AVW180028      |           |            | 55%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 180029     | ✓         | AL 140054  | 102          | 93          | 92             | 91             | 101           | 112     | 103  | 98             | 82   | 126     | 112             | 1     | 3       | 2                   |           |
| F1             |           |            | 1.00         | -0.6        | -0.5           | -2.1           | 7             | 15.2    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| AVW180029      |           |            | 51%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 180034     | ✓         | AL 140054  | 104          | 92          | 92             | 91             | 101           | 112     | 103  | 98             | 82   | 126     | 112             | 1     | 1       | 1                   |           |
| F1             |           |            | 0.81         | -0.8        | -0.8           | -2.5           | 7             | 15.1    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| AVW180034      |           |            | 47%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 180035     | ✓         | AL 140054  | 108          | 91          | 90             | 89             | 101           | 111     | 103  | 98             | 82   | 126     | 112             | 1     | 2       | 1                   |           |
| F1             |           |            | 0.36         | -1.4        | -1.7           | -3.6           | 7             | 14.8    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| AVW180035      |           |            | 52%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 180036     | ✓         | AL 140054  | 100          | 93          | 93             | 91             | 101           | 112     | 103  | 98             | 82   | 126     | 112             | 1     | 2       | 1                   |           |
| F1             |           |            | 1.11         | -0.4        | -0.3           | -1.8           | 7             | 15.3    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| AVW180036      |           |            | 52%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| AVW 190040     | ✓         | OVE 080002 | 105          | 84          | 85             | 87             | 93            | 108     | 85   | 96             | 97   | 95      | 110             | 1     | 1       |                     |           |
| F1             |           |            | 0.68         | -4.2        | -4.9           | -5.4           | -3            | 12.9    | -1.2 | -2.2           | 0.1  | -0.7    | 1.2             |       |         |                     |           |
| 866307         |           |            | 54%          | 48%         | 46%            | 45%            | 32%           | 44%     | 48%  | 48%            | 47%  | 42%     | 33%             |       |         |                     |           |
| AVW 190041     | ✓         | OVE 080002 | 111          | 82          | 83             | 85             | 93            | 107     | 85   | 96             | 97   | 95      | 110             | 1     | 2       | 1                   |           |
| F1             |           |            | 0.14         | -4.8        | -5.9           | -6.7           | -3            | 12.6    | -1.2 | -2.2           | 0.1  | -0.7    | 1.2             |       |         |                     |           |
| 866308         |           |            | 58%          | 48%         | 46%            | 45%            | 32%           | 44%     | 48%  | 48%            | 47%  | 42%     | 33%             |       |         |                     |           |
| AVW 190042     | ✓         | BA 130986  | 83           | 102         | 103            | 103            | 104           | 117     | 91   | 104            | 87   | 98      | 98              | 1     | 2       | 1                   |           |
| F1             |           |            | 2.72         | 3.0         | 5.7            | 6.6            | 11            | 17.6    | -0.4 | 3.4            | -1.2 | -0.3    | -0.8            |       |         |                     |           |
| 866309         |           |            | 50%          | 30%         | 29%            | 28%            | 22%           | 25%     | 43%  | 43%            | 41%  | 30%     | 20%             |       |         |                     |           |
| AVW 190044     | ✓         | BA 120783  | 80           | 104         | 104            | 103            | 106           | 110     | 88   | 113            | 95   | 96      | 97              | 1     | 1       | 1                   |           |
| F1             |           |            | 2.96         | 3.4         | 6.5            | 7.0            | 14            | 14.3    | -0.9 | 9.4            | -0.2 | -0.5    | -0.9            |       |         |                     |           |
| 866311         |           |            | 49%          | 34%         | 29%            | 29%            | 25%           | 37%     | 38%  | 38%            | 36%  | 31%     | 21%             |       |         |                     |           |

# CWB Dams

| Dam                        |           |            | Growth       |             |                |                |               | Carcass |      |                |      |         | Stats           |       |         |                     |           |
|----------------------------|-----------|------------|--------------|-------------|----------------|----------------|---------------|---------|------|----------------|------|---------|-----------------|-------|---------|---------------------|-----------|
| ID                         | Parentage | Sire ID    | Birth weight | Wean weight | 12 mnth weight | 18 mnth weight | Mature weight | Milk    | IMF  | Carcass weight | EMA  | Rib Fat | Marble Fineness | Herds | Progeny | Active 2yrs & older | Carcasses |
| Name                       | Gen. DNA  | Dam ID     |              |             |                |                |               |         |      |                |      |         |                 |       |         |                     |           |
| JAPANESE BLACK             |           |            |              |             |                |                |               |         |      |                |      |         |                 |       |         |                     |           |
| AVW 190059                 | ✓         | PWYPM0775  | 120          | 101         | 96             | 98             | 87            | 74      | 96   | 69             | 93   | 78      | 114             | 1     | 1       | 1                   |           |
| PBD                        | ✓         | AVW 170104 | -0.72        | 2.5         | 1.5            | 3.2            | -12           | -5.9    | 0.2  | -20.8          | -0.4 | -2.4    | 1.8             |       |         |                     |           |
| AVW190059                  |           |            | 57%          | 30%         | 40%            | 33%            | 21%           | 27%     | 49%  | 50%            | 47%  | 47%     | 36%             |       |         |                     |           |
| BA 140148                  | ✓         | ETJ001     | 99           | 107         | 106            | 110            | 96            | 93      | 63   | 106            | 96   | 98      | 123             | 2     | 6       | 2                   |           |
| PBD                        | ✓         | BA 110457  | 1.21         | 4.8         | 7.4            | 12.4           | 1             | 4.7     | -4.0 | 4.9            | 0.0  | -0.4    | 3.2             |       |         |                     |           |
| BA 140148                  |           |            | 79%          | 50%         | 45%            | 46%            | 43%           | 50%     | 51%  | 51%            | 49%  | 47%     | 36%             |       |         |                     |           |
| BA 140210                  | ✓         | IMUFZ5998  | 123          | 87          | 89             | 95             | 85            | 99      | 94   | 94             | 89   | 102     | 109             | 2     | 3       | 1                   |           |
| FB                         | ✓         | BA 100388  | -1.03        | -2.8        | -2.5           | 0.9            | -15           | 8.0     | -0.1 | -3.8           | -1.0 | 0.0     | 1.0             |       |         |                     |           |
| BA 140210                  |           |            | 75%          | 39%         | 34%            | 25%            | 26%           | 43%     | 41%  | 40%            | 38%  | 33%     | 25%             |       |         |                     |           |
| CWBFAVW 170002             | ✓         | AL 140054  | 102          | 93          | 92             | 91             | 101           | 112     | 103  | 98             | 82   | 126     | 112             | 1     | 3       | 3                   |           |
| F1                         |           | CWBFWAG35  | 0.92         | -0.7        | -0.6           | -2.3           | 7             | 15.1    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| ACACIA BEEF WONG WASABI    |           |            | 40%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| CWBFAVW 170003             | ✓         | AL 140054  | 102          | 93          | 92             | 91             | 101           | 112     | 103  | 98             | 82   | 126     | 112             | 1     | 2       | 2                   |           |
| F1                         |           | CWBFWAG39  | 0.92         | -0.7        | -0.6           | -2.3           | 7             | 15.1    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| ACACIA BEEF WAONG KAWASAKI |           |            | 40%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| CWBFAVW 200071             | ✓         | AVW 170102 | 89           | 106         | 107            | 107            | 111           | 111     | 88   | 103            | 97   | 101     | 106             | 2     | 2       | 1                   |           |
| F1                         |           |            | 2.16         | 4.2         | 8.0            | 9.8            | 22            | 14.5    | -0.8 | 2.3            | 0.2  | -0.1    | 0.5             |       |         |                     |           |
| AVW200071                  |           |            | 42%          | 20%         | 22%            | 19%            | 15%           | 17%     | 27%  | 26%            | 25%  | 25%     | 19%             |       |         |                     |           |
| CWBFAVW 200074             | ✓         | AVW 170204 | 97           | 116         | 116            | 118            | 104           | 94      | 89   | 105            | 90   | 97      | 103             | 1     | 1       |                     |           |
| F2                         |           | AVW 170012 | 1.43         | 8.2         | 13.0           | 18.5           | 12            | 5.1     | -0.8 | 3.8            | -0.8 | -0.5    | 0.1             |       |         |                     |           |
| AVW200074                  |           |            | 62%          | 22%         | 30%            | 29%            | 18%           | 20%     | 40%  | 40%            | 37%  | 35%     | 25%             |       |         |                     |           |
| CWBFAVW 200091             | ✓         | AVW 170201 | 94           | 124         | 120            | 119            | 114           | 93      | 100  | 110            | 101  | 107     | 98              | 1     | 1       |                     |           |
| F2                         |           | AVW 180019 | 1.72         | 11.1        | 15.7           | 19.2           | 26            | 4.5     | 0.7  | 7.6            | 0.7  | 0.6     | -0.8            |       |         |                     |           |
| AVW200091                  |           |            | 60%          | 23%         | 27%            | 25%            | 17%           | 19%     | 33%  | 32%            | 30%  | 27%     | 20%             |       |         |                     |           |
| CWBFAVW 200092             | ✓         | AVW 170201 | 96           | 123         | 120            | 119            | 114           | 93      | 100  | 110            | 101  | 107     | 98              | 1     | 1       |                     |           |
| F2                         |           | AVW 180029 | 1.54         | 10.9        | 15.3           | 18.8           | 26            | 4.4     | 0.7  | 7.6            | 0.7  | 0.6     | -0.8            |       |         |                     |           |
| AVW200092                  |           |            | 41%          | 23%         | 27%            | 25%            | 17%           | 19%     | 33%  | 32%            | 30%  | 27%     | 20%             |       |         |                     |           |
| CWBFAVW 210102             | ✓         | AVW 170102 | 113          | 96          | 95             | 97             | 97            | 98      | 96   | 95             | 91   | 111     | 113             | 1     | 1       |                     |           |
| F2                         |           | AVW 170012 | -0.05        | 0.6         | 1.3            | 2.6            | 3             | 7.2     | 0.2  | -3.1           | -0.6 | 1.0     | 1.6             |       |         |                     |           |
| AVW210102                  |           |            | 66%          | 23%         | 25%            | 22%            | 17%           | 21%     | 33%  | 33%            | 31%  | 29%     | 21%             |       |         |                     |           |
| CWBFAVW 210107             | ✓         | AVW 170102 | 89           | 106         | 107            | 107            | 111           | 111     | 88   | 103            | 97   | 101     | 106             | 1     | 1       |                     |           |
| F1                         |           |            | 2.16         | 4.2         | 8.0            | 9.8            | 22            | 14.5    | -0.8 | 2.3            | 0.2  | -0.1    | 0.5             |       |         |                     |           |
| AVW210107                  |           |            | 42%          | 20%         | 22%            | 19%            | 15%           | 17%     | 27%  | 26%            | 25%  | 25%     | 19%             |       |         |                     |           |
| CWBFAVW 210110             | ✓         | AVW 170102 | 89           | 106         | 107            | 107            | 111           | 111     | 88   | 103            | 97   | 101     | 106             | 1     | 1       |                     |           |
| F1                         |           |            | 2.16         | 4.2         | 8.0            | 9.8            | 22            | 14.5    | -0.8 | 2.3            | 0.2  | -0.1    | 0.5             |       |         |                     |           |
| AVW210110                  |           |            | 42%          | 20%         | 22%            | 19%            | 15%           | 17%     | 27%  | 26%            | 25%  | 25%     | 19%             |       |         |                     |           |

# CWB Dams

| Dam            |           |            | Growth       |             |                |                |               | Carcass |      |                |      |         | Stats           |       |         |                     |           |
|----------------|-----------|------------|--------------|-------------|----------------|----------------|---------------|---------|------|----------------|------|---------|-----------------|-------|---------|---------------------|-----------|
| ID             | Parentage | Sire ID    | Birth weight | Wean weight | 12 mnth weight | 18 mnth weight | Mature weight | Milk    | IMF  | Carcass weight | EMA  | Rib Fat | Marble Fineness | Herds | Progeny | Active 2yrs & older | Carcasses |
| Name           | Gen. DNA  | Dam ID     |              |             |                |                |               |         |      |                |      |         |                 |       |         |                     |           |
| JAPANESE BLACK |           |            |              |             |                |                |               |         |      |                |      |         |                 |       |         |                     |           |
| CWBFAVW 210111 | ✓         | AVW 170102 | 89           | 106         | 107            | 107            | 111           | 111     | 88   | 103            | 97   | 101     | 106             | 1     | 1       |                     |           |
| F1             |           |            | 2.16         | 4.2         | 8.0            | 9.8            | 22            | 14.5    | -0.8 | 2.3            | 0.2  | -0.1    | 0.5             |       |         |                     |           |
| AVW210111      |           |            | 42%          | 20%         | 22%            | 19%            | 15%           | 17%     | 27%  | 26%            | 25%  | 25%     | 19%             |       |         |                     |           |
| CWBFAVW 210112 | ✓         | AVW 170102 | 89           | 106         | 107            | 107            | 111           | 111     | 88   | 103            | 97   | 101     | 106             | 1     | 1       |                     |           |
| F1             |           |            | 2.16         | 4.2         | 8.0            | 9.8            | 22            | 14.5    | -0.8 | 2.3            | 0.2  | -0.1    | 0.5             |       |         |                     |           |
| AVW210112      |           |            | 42%          | 20%         | 22%            | 19%            | 15%           | 17%     | 27%  | 26%            | 25%  | 25%     | 19%             |       |         |                     |           |
| CWBFAVW 210113 | ✓         | AVW 170102 | 89           | 106         | 107            | 107            | 111           | 111     | 88   | 103            | 97   | 101     | 106             | 1     | 1       |                     |           |
| F1             |           |            | 2.16         | 4.2         | 8.0            | 9.8            | 22            | 14.5    | -0.8 | 2.3            | 0.2  | -0.1    | 0.5             |       |         |                     |           |
| AVW210113      |           |            | 42%          | 20%         | 22%            | 19%            | 15%           | 17%     | 27%  | 26%            | 25%  | 25%     | 19%             |       |         |                     |           |
| CWBFAVW 210117 | ✓         | AVW 170102 | 117          | 104         | 102            | 107            | 94            | 83      | 93   | 93             | 99   | 95      | 109             | 1     | 1       |                     |           |
| PBD            | ✓         | AVW 170104 | -0.39        | 3.5         | 5.0            | 9.5            | -2            | -1.3    | -0.2 | -4.1           | 0.5  | -0.7    | 1.0             |       |         |                     |           |
| AVW210117      |           |            | 66%          | 28%         | 31%            | 26%            | 21%           | 25%     | 36%  | 35%            | 33%  | 33%     | 26%             |       |         |                     |           |
| CWBFAVW 210120 | ✓         | AVW 170102 | 109          | 99          | 97             | 99             | 97            | 97      | 96   | 95             | 91   | 111     | 113             | 1     | 1       |                     |           |
| F2             |           | AVW 180021 | 0.31         | 1.7         | 2.4            | 3.9            | 3             | 6.7     | 0.2  | -3.1           | -0.6 | 1.0     | 1.6             |       |         |                     |           |
| AVW210120      |           |            | 66%          | 23%         | 25%            | 22%            | 17%           | 21%     | 33%  | 33%            | 31%  | 29%     | 21%             |       |         |                     |           |
| CWBFAVW 210121 | ✓         | AVW 170102 | 89           | 106         | 107            | 107            | 111           | 111     | 88   | 103            | 97   | 101     | 106             | 1     | 1       |                     |           |
| F1             |           |            | 2.16         | 4.2         | 8.0            | 9.8            | 22            | 14.5    | -0.8 | 2.3            | 0.2  | -0.1    | 0.5             |       |         |                     |           |
| AVW2100121     |           |            | 42%          | 20%         | 22%            | 19%            | 15%           | 17%     | 27%  | 26%            | 25%  | 25%     | 19%             |       |         |                     |           |
| CWBFAVW 210125 | ✓         | AVW 170102 | 89           | 106         | 107            | 107            | 111           | 111     | 88   | 103            | 97   | 101     | 106             | 1     | 1       |                     |           |
| F1             |           | CWBFBKK572 | 2.16         | 4.2         | 8.0            | 9.8            | 22            | 14.5    | -0.8 | 2.3            | 0.2  | -0.1    | 0.5             |       |         |                     |           |
| AVW210125      |           |            | 42%          | 20%         | 22%            | 19%            | 15%           | 17%     | 27%  | 26%            | 25%  | 25%     | 19%             |       |         |                     |           |
| CWBFAVW 210127 | ✓         | AL 140054  | 102          | 93          | 92             | 91             | 101           | 112     | 103  | 98             | 82   | 126     | 112             | 1     | 1       |                     |           |
| F1             |           |            | 0.92         | -0.7        | -0.6           | -2.3           | 7             | 15.1    | 1.1  | -0.6           | -1.9 | 2.4     | 1.5             |       |         |                     |           |
| AVW210127      |           |            | 40%          | 25%         | 25%            | 23%            | 17%           | 23%     | 40%  | 39%            | 37%  | 26%     | 19%             |       |         |                     |           |
| KALFC0031      | ✓         | HBCFV2139  | 100          | 149         | 151            | 150            | 113           | 67      | 84   | 118            | 109  | 67      | 83              | 10    | 20      | 9                   |           |
| FB             | ✓         | STAF70066  | 1.14         | 20.7        | 33.2           | 42.4           | 24            | -10.2   | -1.3 | 13.5           | 1.9  | -3.5    | -3.1            |       |         |                     |           |
| KALANGA F C031 |           |            | 67%          | 37%         | 68%            | 68%            | 29%           | 35%     | 62%  | 62%            | 57%  | 57%     | 40%             |       |         |                     |           |
| WF 170022      |           | KF 120017  | 108          | 93          | 95             | 94             | 92            | 97      | 88   | 125            | 99   | 109     | 111             | 1     | 1       |                     |           |
| F1             |           | WWG17*     | 0.44         | -0.4        | 1.1            | 0.3            | -4            | 7.0     | -0.8 | 18.4           | 0.4  | 0.7     | 1.4             |       |         |                     |           |
| WWW22          |           |            | 41%          | 27%         | 27%            | 25%            | 23%           | 27%     | 49%  | 48%            | 46%  | 37%     | 22%             |       |         |                     |           |
| WF 170118      |           | KF 120017  | 106          | 94          | 96             | 95             | 92            | 98      | 89   | 117            | 100  | 104     | 111             | 1     | 1       |                     |           |
| F1             |           | WWG66      | 0.63         | -0.2        | 1.4            | 0.7            | -4            | 7.1     | -0.6 | 12.8           | 0.6  | 0.3     | 1.4             |       |         |                     |           |
| WWW118         |           |            | 41%          | 27%         | 27%            | 25%            | 23%           | 27%     | 47%  | 47%            | 46%  | 37%     | 22%             |       |         |                     |           |

# CWB Bulls

| Inbreeding >6% is high |             |           |                | <75                | 75 - 125          | >125       | Breeding values with an accuracy < 5% are not printed |                 |              |             |            |                |                 |               |                  |               |           |         |                |      |         |          |          |
|------------------------|-------------|-----------|----------------|--------------------|-------------------|------------|-------------------------------------------------------|-----------------|--------------|-------------|------------|----------------|-----------------|---------------|------------------|---------------|-----------|---------|----------------|------|---------|----------|----------|
| Bull                   |             |           |                | Selection Value    |                   |            |                                                       |                 | Calf weight  |             | Mother     |                | Growth          |               | Fertility        |               |           | Carcass |                |      |         |          |          |
| ID                     | %Inbreeding | Parentage |                | Calving Ease Value | Calf Growth Value | Milk Value | Maintenance Value                                     | Fertility Value | Birth Weight | Wean Weight | Birth Mat. | Milk (Wn.Mat.) | Postwean Weight | Mature Weight | Heifer Fertility | Cow Fertility | Longevity | IMF     | Carcass Weight | EMA  | Rib Fat | Marbling | Fineness |
| Name                   |             | Genomic   | Sire ID        |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |         |                |      |         |          |          |
| AKAUSHI                |             |           |                |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |         |                |      |         |          |          |
| CWBMAVW 250163         |             | ✓         | WB 180115      | 82                 | 115               | 113        | 80                                                    | 101             | 85           | 115         | 91         | 113            | 118             | 120           | 103              | 98            | 101       | 91      | 102            | 113  | 87      | 93       |          |
| F1                     |             |           | CWBFAVW 200092 | 38%                | 29%               | 10 %       | 6 %                                                   | 12%             | 2.58         | 7.9         | 0.02       | 15.6           | 15.9            | 34            | -4.6             | 0.7           | 6.4       | -0.5    | 2.1            | 2.4  | -1.5    | -1.6     |          |
| ACACIA BEEF AVW 250163 |             |           |                |                    |                   |            |                                                       |                 | 42 %         | 29 %        | 23%        | 10%            | 16%             | 6 %           | 18%              | 5%            | 30 %      | 18 %    | 18 %           | 16 % | 14 %    | 10 %     |          |
| CWBMAVW 250170         | 29          | ✓         | AVW 170204     | 93                 | 139               | 75         | 93                                                    | 148             | 95           | 139         | 92         | 75             | 142             | 107           | 143              | 143           | 130       | 83      | 104            | 100  | 71      | 91       |          |
| FB                     |             | ✓         | AVW 180106     | 45%                | 25%               | 24 %       | 23%                                                   | 22%             | 1.64         | 16.8        | -0.01      | -5.3           | 31.9            | 16            | -25.5            | -6.9          | 19.4      | -1.5    | 3.3            | 0.6  | -3.1    | -1.8     |          |
| ACACIA BEEF AVW 250170 |             |           |                |                    |                   |            |                                                       |                 | 47 %         | 25 %        | 39%        | 24%            | 38%             | 23%           | 32%              | 11%           | 47 %      | 44 %    | 43 %           | 40 % | 40 %    | 29 %     |          |
| CWBMAVW 250171         |             | ✓         | WB 180115      | 98                 | 111               | 99         | 94                                                    | 104             | 99           | 111         | 95         | 99             | 111             | 106           | 102              | 103           | 106       | 99      | 94             | 107  | 98      | 100      |          |
| F1                     |             |           | AVW 180029     | 59%                | 31%               | 15 %       | 11%                                                   | 16%             | 1.28         | 6.2         | -0.15      | 8.0            | 11.4            | 15            | -4.2             | -0.1          | 8.7       | 0.5     | -3.3           | 1.5  | -0.4    | -0.4     |          |
| ACACIA BEEF AVW 250171 |             |           |                |                    |                   |            |                                                       |                 | 65 %         | 31 %        | 34%        | 15%            | 20%             | 11%           | 22%              | 9%            | 40 %      | 27 %    | 27 %           | 24 % | 19 %    | 13 %     |          |
| CWBMAVW 250173         |             | ✓         | ZEWB190256     | 71                 | 114               | 116        | 79                                                    | 108             | 77           | 114         | 86         | 116            | 116             | 121           | 106              | 108           | 107       | 91      | 114            | 95   | 102     | 95       |          |
| F1                     |             |           |                | 36%                | 15%               | 17 %       | 15%                                                   | 14%             | 3.30         | 7.4         | 0.22       | 17.6           | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5    | 10.6           | -0.1 | 0.1     | -1.2     |          |
| ACACIA BEEF AVW 250173 |             |           |                |                    |                   |            |                                                       |                 | 39 %         | 15 %        | 23%        | 17%            | 31%             | 15%           | 20%              | 8%            | 29 %      | 24 %    | 24 %           | 22 % | 18 %    | 14 %     |          |
| CWBMAVW 250176         |             | ✓         | ZEWB190256     | 71                 | 114               | 116        | 79                                                    | 108             | 77           | 114         | 86         | 116            | 116             | 121           | 106              | 108           | 107       | 91      | 114            | 95   | 102     | 95       |          |
| F1                     |             |           |                | 36%                | 15%               | 17 %       | 15%                                                   | 14%             | 3.30         | 7.4         | 0.22       | 17.6           | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5    | 10.6           | -0.1 | 0.1     | -1.2     |          |
| ACACIA BEEF AVW 250176 |             |           |                |                    |                   |            |                                                       |                 | 39 %         | 15 %        | 23%        | 17%            | 31%             | 15%           | 20%              | 8%            | 29 %      | 24 %    | 24 %           | 22 % | 18 %    | 14 %     |          |
| CWBMAVW 250178         |             | ✓         | ZEWB190256     | 71                 | 114               | 116        | 79                                                    | 108             | 77           | 114         | 86         | 116            | 116             | 121           | 106              | 108           | 107       | 91      | 114            | 95   | 102     | 95       |          |
| F1                     |             |           |                | 36%                | 15%               | 17 %       | 15%                                                   | 14%             | 3.30         | 7.4         | 0.22       | 17.6           | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5    | 10.6           | -0.1 | 0.1     | -1.2     |          |
| ACACIA BEEF AVW 250178 |             |           |                |                    |                   |            |                                                       |                 | 39 %         | 15 %        | 23%        | 17%            | 31%             | 15%           | 20%              | 8%            | 29 %      | 24 %    | 24 %           | 22 % | 18 %    | 14 %     |          |
| CWBMAVW 250179         |             | ✓         | ZEWB190256     | 71                 | 114               | 116        | 79                                                    | 108             | 77           | 114         | 86         | 116            | 116             | 121           | 106              | 108           | 107       | 91      | 114            | 95   | 102     | 95       |          |
| F1                     |             |           | CWBFAVW 210117 | 36%                | 15%               | 17 %       | 15%                                                   | 14%             | 3.30         | 7.4         | 0.22       | 17.6           | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5    | 10.6           | -0.1 | 0.1     | -1.2     |          |
| ACACIA BEEF AVW 250179 |             |           |                |                    |                   |            |                                                       |                 | 39 %         | 15 %        | 23%        | 17%            | 31%             | 15%           | 20%              | 8%            | 29 %      | 24 %    | 24 %           | 22 % | 18 %    | 14 %     |          |
| CWBMAVW 250180         |             | ✓         | ZEWB190256     | 71                 | 114               | 116        | 79                                                    | 108             | 77           | 114         | 86         | 116            | 116             | 121           | 106              | 108           | 107       | 91      | 114            | 95   | 102     | 95       |          |
| F1                     |             |           |                | 36%                | 15%               | 17 %       | 15%                                                   | 14%             | 3.30         | 7.4         | 0.22       | 17.6           | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5    | 10.6           | -0.1 | 0.1     | -1.2     |          |
| ACACIA BEEF AVW 250180 |             |           |                |                    |                   |            |                                                       |                 | 39 %         | 15 %        | 23%        | 17%            | 31%             | 15%           | 20%              | 8%            | 29 %      | 24 %    | 24 %           | 22 % | 18 %    | 14 %     |          |
| CWBMAVW 250181         |             | ✓         | ZEWB190256     | 71                 | 114               | 116        | 79                                                    | 108             | 77           | 114         | 86         | 116            | 116             | 121           | 106              | 108           | 107       | 91      | 114            | 95   | 102     | 95       |          |
| F1                     |             |           | CWBFAVW 210102 | 36%                | 15%               | 17 %       | 15%                                                   | 14%             | 3.30         | 7.4         | 0.22       | 17.6           | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5    | 10.6           | -0.1 | 0.1     | -1.2     |          |
| ACACIA BEEF AVW 250181 |             |           |                |                    |                   |            |                                                       |                 | 39 %         | 15 %        | 23%        | 17%            | 31%             | 15%           | 20%              | 8%            | 29 %      | 24 %    | 24 %           | 22 % | 18 %    | 14 %     |          |
| CWBMAVW 250182         |             | ✓         | ZEWB190256     | 71                 | 114               | 116        | 79                                                    | 108             | 77           | 114         | 86         | 116            | 116             | 121           | 106              | 108           | 107       | 91      | 114            | 95   | 102     | 95       |          |
| F1                     |             |           | CWBFAVW 210121 | 36%                | 15%               | 17 %       | 15%                                                   | 14%             | 3.30         | 7.4         | 0.22       | 17.6           | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5    | 10.6           | -0.1 | 0.1     | -1.2     |          |
| ACACIA BEEF AVW 250182 |             |           |                |                    |                   |            |                                                       |                 | 39 %         | 15 %        | 23%        | 17%            | 31%             | 15%           | 20%              | 8%            | 29 %      | 24 %    | 24 %           | 22 % | 18 %    | 14 %     |          |
| CWBMAVW 250185         |             | ✓         | ZEWB190256     | 71                 | 114               | 116        | 79                                                    | 108             | 77           | 114         | 86         | 116            | 116             | 121           | 106              | 108           | 107       | 91      | 114            | 95   | 102     | 95       |          |
| F1                     |             |           | CWBFAVW 210112 | 36%                | 15%               | 17 %       | 15%                                                   | 14%             | 3.30         | 7.4         | 0.22       | 17.6           | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5    | 10.6           | -0.1 | 0.1     | -1.2     |          |
| ACACIA BEEF AVW 250185 |             |           |                |                    |                   |            |                                                       |                 | 39 %         | 15 %        | 23%        | 17%            | 31%             | 15%           | 20%              | 8%            | 29 %      | 24 %    | 24 %           | 22 % | 18 %    | 14 %     |          |
| CWBMAVW 250186         |             | ✓         | ZEWB190256     | 71                 | 114               | 116        | 79                                                    | 108             | 77           | 114         | 86         | 116            | 116             | 121           | 106              | 108           | 107       | 91      | 114            | 95   | 102     | 95       |          |
| F1                     |             |           | CWBFAVW 210110 | 36%                | 15%               | 17 %       | 15%                                                   | 14%             | 3.30         | 7.4         | 0.22       | 17.6           | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5    | 10.6           | -0.1 | 0.1     | -1.2     |          |
| ACACIA BEEF AVW 250186 |             |           |                |                    |                   |            |                                                       |                 | 39 %         | 15 %        | 23%        | 17%            | 31%             | 15%           | 20%              | 8%            | 29 %      | 24 %    | 24 %           | 22 % | 18 %    | 14 %     |          |

# CWB Bulls

| Inbreeding >6% is high |             |             |            |                | <75                | 75 - 125          | >125       | Breeding values with an accuracy < 5% are not printed |                 |              |             |            |                 |                 |               |                  |               |           |         |                |      |         |                   |
|------------------------|-------------|-------------|------------|----------------|--------------------|-------------------|------------|-------------------------------------------------------|-----------------|--------------|-------------|------------|-----------------|-----------------|---------------|------------------|---------------|-----------|---------|----------------|------|---------|-------------------|
| Bull                   |             |             |            |                | Selection Value    |                   |            |                                                       |                 | Calf weight  |             | Mother     |                 | Growth          |               | Fertility        |               |           | Carcass |                |      |         |                   |
| ID                     | %Inbreeding | Parentage   |            |                | Calving Ease Value | Calf Growth Value | Milk Value | Maintenance Value                                     | Fertility Value | Birth Weight | Wean Weight | Birth Mat. | Milk (Wn. Mat.) | Postwean Weight | Mature Weight | Heifer Fertility | Cow Fertility | Longevity | IMF     | Carcass Weight | EMA  | Rib Fat | Marbling Fineness |
| Name                   |             | Genomic DNA | Sire ID    | Dam ID         |                    |                   |            |                                                       |                 |              |             |            |                 |                 |               |                  |               |           |         |                |      |         |                   |
| AKAUSHI                |             |             |            |                |                    |                   |            |                                                       |                 |              |             |            |                 |                 |               |                  |               |           |         |                |      |         |                   |
| CWBMAVW 250189         |             | ✓           | ZEWB190256 |                | 71                 | 114               | 116        | 79                                                    | 108             | 77           | 114         | 86         | 116             | 116             | 121           | 106              | 108           | 107       | 91      | 114            | 95   | 102     | 95                |
| F1                     |             |             |            | CWBFAVW 210113 | 36%                | 15%               | 17 %       | 15%                                                   | 14%             | 3.30         | 7.4         | 0.22       | 17.6            | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5    | 10.6           | -0.1 | 0.1     | -1.2              |
| ACACIA BEEF AVW 250189 |             |             |            |                |                    |                   |            |                                                       |                 | 39 %         | 15 %        | 23%        | 17%             | 31%             | 15%           | 20%              | 8%            | 29 %      | 24 %    | 24 %           | 22 % | 18 %    | 14 %              |
| CWBMAVW 250193         |             | ✓           | WB 180115  |                | 86                 | 115               | 102        | 92                                                    | 103             | 90           | 115         | 86         | 102             | 116             | 108           | 98               | 104           | 113       | 93      | 97             | 109  | 84      | 93                |
| F1                     |             |             |            | AVW 190042     | 59%                | 32%               | 16 %       | 13%                                                   | 16%             | 2.04         | 7.8         | 0.22       | 9.3             | 14.8            | 17            | -2.1             | -0.4          | 11.7      | -0.2    | -1.3           | 1.9  | -1.8    | -1.6              |
| ACACIA BEEF AVW 250193 |             |             |            |                |                    |                   |            |                                                       |                 | 66 %         | 32 %        | 34%        | 16%             | 22%             | 13%           | 23%              | 10%           | 40 %      | 28 %    | 28 %           | 26 % | 21 %    | 14 %              |
| CWBMAVW 250194         |             | ✓           | WB 180115  |                | 105                | 119               | 81         | 95                                                    | 112             | 103          | 119         | 99         | 81              | 117             | 105           | 102              | 117           | 119       | 89      | 92             | 115  | 78      | 100               |
| F1                     |             |             |            | AVW 170302     | 48%                | 36%               | 21 %       | 17%                                                   | 21%             | 0.82         | 9.2         | -0.30      | -2.4            | 15.5            | 13            | -4.0             | -2.2          | 14.4      | -0.8    | -5.0           | 2.8  | -2.3    | -0.4              |
| ACACIA BEEF AVW 250194 |             |             |            |                |                    |                   |            |                                                       |                 | 52 %         | 36 %        | 35%        | 21%             | 23%             | 17%           | 28%              | 14%           | 43 %      | 29 %    | 29 %           | 26 % | 22 %    | 16 %              |
| CWBMAVW 250202         |             | ✓           | WB 180115  |                | 82                 | 115               | 113        | 80                                                    | 101             | 85           | 115         | 91         | 113             | 118             | 120           | 103              | 98            | 101       | 91      | 102            | 113  | 87      | 93                |
| F1                     |             |             |            |                | 38%                | 29%               | 10 %       | 6 %                                                   | 12%             | 2.58         | 7.9         | 0.02       | 15.6            | 15.9            | 34            | -4.6             | 0.7           | 6.4       | -0.5    | 2.1            | 2.4  | -1.5    | -1.6              |
| ACACIA BEEF AVW 250202 |             |             |            |                |                    |                   |            |                                                       |                 | 42 %         | 29 %        | 23%        | 10%             | 16%             | 6 %           | 18%              | 5%            | 30 %      | 18 %    | 18 %           | 16 % | 14 %    | 10 %              |
| JAPANESE BLACK         |             |             |            |                |                    |                   |            |                                                       |                 |              |             |            |                 |                 |               |                  |               |           |         |                |      |         |                   |
| CWBMAVW 200067         |             | ✓           | AVW 170103 |                | 88                 | 105               | 111        | 89                                                    | 99              | 89           | 105         | 95         | 111             | 107             | 111           | 104              | 95            | 94        | 92      | 106            | 97   | 107     | 105               |
| F1                     |             |             |            |                | 28%                | 20%               | 17 %       | 15%                                                   | 17%             | 2.13         | 4.1         | -0.12      | 14.5            | 8.4             | 22            | -4.9             | 1.5           | 2.8       | -0.3    | 4.6            | 0.2  | 0.5     | 0.4               |
| ACACIA BEEF AVW200067  |             |             |            |                |                    |                   |            |                                                       |                 | 29 %         | 20 %        | 25%        | 17%             | 20%             | 15%           | 21%              | 13%           | 31 %      | 25 %    | 25 %           | 23 % | 23 %    | 19 %              |
| CWBMAVW 210096         |             | ✓           | AVW 170204 |                | 78                 | 122               | 107        | 82                                                    | 117             | 81           | 122         | 92         | 107             | 125             | 118           | 120              | 111           | 102       | 80      | 112            | 96   | 86      | 96                |
| F1                     |             |             |            |                | 34%                | 18%               | 17 %       | 16%                                                   | 15%             | 2.93         | 10.4        | 0.00       | 12.5            | 20.4            | 31            | -13.7            | -1.3          | 6.5       | -1.8    | 9.2            | 0.1  | -1.5    | -1.1              |
| ACACIA BEEF AVW210096  |             |             |            |                |                    |                   |            |                                                       |                 | 36 %         | 18 %        | 27%        | 17%             | 26%             | 16%           | 23%              | 7%            | 36 %      | 35 %    | 35 %           | 32 % | 33 %    | 23 %              |
| CWBMAVW 210103         |             | ✓           | AVW 170102 |                | 88                 | 106               | 111        | 89                                                    | 99              | 89           | 106         | 95         | 111             | 107             | 111           | 104              | 95            | 94        | 88      | 103            | 97   | 101     | 106               |
| F2                     |             |             |            | CWBFAVW 170003 | 39%                | 20%               | 17 %       | 15%                                                   | 18%             | 2.16         | 4.2         | -0.12      | 14.5            | 8.5             | 22            | -4.9             | 1.5           | 3.0       | -0.8    | 2.3            | 0.2  | -0.1    | 0.5               |
| ACACIA BEEF AVW210103  |             |             |            |                |                    |                   |            |                                                       |                 | 42 %         | 20 %        | 26%        | 17%             | 20%             | 15%           | 23%              | 13%           | 35 %      | 27 %    | 26 %           | 25 % | 25 %    | 19 %              |
| CWBMAVW 210119         |             | ✓           | AL 140054  |                | 105                | 93                | 112        | 99                                                    | 91              | 102          | 93          | 104        | 112             | 91              | 101           | 96               | 88            | 87        | 103     | 98             | 82   | 126     | 112               |
| F2                     |             |             |            | CWBFAVW 200071 | 39%                | 25%               | 23 %       | 17%                                                   | 20%             | 0.92         | -0.7        | -0.48      | 15.1            | -1.8            | 7             | -1.2             | 2.6           | -0.3      | 1.1     | -0.6           | -1.9 | 2.4     | 1.5               |
| ACACIA BEEF AVW210119  |             |             |            |                |                    |                   |            |                                                       |                 | 40 %         | 25 %        | 35%        | 23%             | 24%             | 17%           | 27%              | 14%           | 43 %      | 40 %    | 39 %           | 37 % | 26 %    | 19 %              |
| CWBMAVW 220129         | 1           | ✓           | AVW 170102 |                | 101                | 102               | 98         | 103                                                   | 101             | 101          | 102         | 96         | 98              | 101             | 97            | 103              | 99            | 104       | 96      | 95             | 91   | 111     | 113               |
| F2                     |             |             |            | AVW 180023     | 61%                | 23%               | 21 %       | 17%                                                   | 21%             | 1.06         | 2.7         | -0.16      | 7.0             | 4.5             | 3             | -4.5             | 0.6           | 7.3       | 0.2     | -3.1           | -0.6 | 1.0     | 1.6               |
| ACACIA BEEF AVW220129  |             |             |            |                |                    |                   |            |                                                       |                 | 67 %         | 23 %        | 37%        | 21%             | 24%             | 17%           | 27%              | 15%           | 44 %      | 33 %    | 33 %           | 31 % | 29 %    | 21 %              |
| CWBMAVW 220131         |             | ✓           | AVW 170102 |                | 88                 | 106               | 111        | 89                                                    | 99              | 89           | 106         | 95         | 111             | 107             | 111           | 104              | 95            | 94        | 88      | 103            | 97   | 101     | 106               |
| F1                     |             |             |            |                | 39%                | 20%               | 17 %       | 15%                                                   | 18%             | 2.16         | 4.2         | -0.12      | 14.5            | 8.5             | 22            | -4.9             | 1.5           | 3.0       | -0.8    | 2.3            | 0.2  | -0.1    | 0.5               |
| ACACIA BEEF AVW220131  |             |             |            |                |                    |                   |            |                                                       |                 | 42 %         | 20 %        | 26%        | 17%             | 20%             | 15%           | 23%              | 13%           | 35 %      | 27 %    | 26 %           | 25 % | 25 %    | 19 %              |
| CWBMAVW 220132         |             | ✓           | AL 140054  |                | 115                | 100               | 96         | 105                                                   | 106             | 111          | 100         | 104        | 96              | 99              | 95            | 108              | 104           | 103       | 100     | 98             | 83   | 117     | 111               |
| F2                     |             |             |            | AVW 190047     | 60%                | 26%               | 24 %       | 19%                                                   | 22%             | 0.09         | 2.2         | -0.51      | 6.2             | 3.5             | 0             | -7.0             | -0.2          | 7.0       | 0.7     | -1.2           | -1.8 | 1.5     | 1.4               |
| ACACIA BEEF AVW220132  |             |             |            |                |                    |                   |            |                                                       |                 | 65 %         | 26 %        | 40%        | 24%             | 28%             | 19%           | 29%              | 15%           | 49 %      | 43 %    | 43 %           | 40 % | 31 %    | 22 %              |
| CWBMAVW 220133         |             | ✓           | AVW 170102 |                | 88                 | 106               | 111        | 89                                                    | 99              | 89           | 106         | 95         | 111             | 107             | 111           | 104              | 95            | 94        | 88      | 103            | 97   | 101     | 106               |
| F1                     |             |             |            |                | 39%                | 20%               | 17 %       | 15%                                                   | 18%             | 2.16         | 4.2         | -0.12      | 14.5            | 8.5             | 22            | -4.9             | 1.5           | 3.0       | -0.8    | 2.3            | 0.2  | -0.1    | 0.5               |
| ACACIA BEEF AVW220133  |             |             |            |                |                    |                   |            |                                                       |                 | 42 %         | 20 %        | 26%        | 17%             | 20%             | 15%           | 23%              | 13%           | 35 %      | 27 %    | 26 %           | 25 % | 25 %    | 19 %              |

CWB Bulls

| Inbreeding >6% is high |             |           |                |                   | <75                | 75 - 125          | >125       | Breeding values with an accuracy < 5% are not printed |                 |              |             |            |                |                 |               |                  |               |           |         |                |      |         |                   |
|------------------------|-------------|-----------|----------------|-------------------|--------------------|-------------------|------------|-------------------------------------------------------|-----------------|--------------|-------------|------------|----------------|-----------------|---------------|------------------|---------------|-----------|---------|----------------|------|---------|-------------------|
| Bull                   |             |           |                |                   | Selection Value    |                   |            |                                                       |                 | Calf weight  |             | Mother     |                | Growth          |               | Fertility        |               |           | Carcass |                |      |         |                   |
| ID                     | %Inbreeding | Parentage |                |                   | Calving Ease Value | Calf Growth Value | Milk Value | Maintenance Value                                     | Fertility Value | Birth Weight | Wean Weight | Birth Mat. | Milk (Wn.Mat.) | Postwean Weight | Mature Weight | Heifer Fertility | Cow Fertility | Longevity | IMF     | Carcass Weight | EMA  | Rib Fat | Marbling Fineness |
| Name                   |             | Genomic   | DNA            | Sire ID<br>Dam ID |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |         |                |      |         |                   |
| JAPANESE BLACK         |             |           |                |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |         |                |      |         |                   |
| CWBMAVW 220135         | 2           | ✓         | AL 140054      |                   | 113                | 88                | 80         | 120                                                   | 100             | 135          | 88          | 120        | 80             | 84              | 80            | 96               | 102           | 104       | 108     | 76             | 82   | 113     | 120               |
| PBD                    |             | ✓         | AVW 190059     |                   | 62%                | 29%               | 26 %       | 20%                                                   | 26%             | -2.14        | -2.6        | -1.12      | -2.8           | -6.9            | -22           | -0.9             | 0.0           | 7.3       | 1.6     | -16.2          | -2.0 | 1.1     | 2.8               |
| ACACIA BEEF AVW220135  |             |           |                |                   | 62%                | 29%               | 26 %       | 20%                                                   | 26%             | 67 %         | 29 %        | 43%        | 26%            | 30%             | 20%           | 34%              | 17%           | 52 %      | 47 %    | 46 %           | 43 % | 35 %    | 26 %              |
| CWBMAVW 220137         | 1           | ✓         | AVW 170102     |                   | 123                | 90                | 98         | 103                                                   | 101             | 128          | 90          | 108        | 98             | 91              | 97            | 103              | 99            | 97        | 96      | 95             | 91   | 111     | 113               |
| F2                     |             | ✓         | AVW 180025     |                   | 61%                | 23%               | 21 %       | 17%                                                   | 21%             | -1.43        | -1.6        | -0.67      | 7.0            | -1.8            | 3             | -4.5             | 0.6           | 4.2       | 0.2     | -3.1           | -0.6 | 1.0     | 1.6               |
| ACACIA BEEF AVW220137  |             |           |                |                   | 61%                | 23%               | 21 %       | 17%                                                   | 21%             | 67 %         | 23 %        | 36%        | 21%            | 24%             | 17%           | 27%              | 15%           | 44 %      | 33 %    | 33 %           | 31 % | 29 %    | 21 %              |
| CWBMAVW 220139         | 1           | ✓         | AL 140054      |                   | 93                 | 105               | 88         | 115                                                   | 106             | 96           | 105         | 90         | 88             | 100             | 85            | 102              | 107           | 104       | 91      | 94             | 83   | 123     | 124               |
| PBD                    |             | ✓         | BA 140148      |                   | 66%                | 35%               | 34 %       | 28%                                                   | 31%             | 1.55         | 3.8         | 0.09       | 1.9            | 4.2             | -15           | -4.3             | -0.8          | 7.7       | -0.4    | -3.3           | -1.8 | 2.1     | 3.5               |
| ACACIA BEEF AVW220139  |             |           |                |                   | 66%                | 35%               | 34 %       | 28%                                                   | 31%             | 71 %         | 35 %        | 49%        | 34%            | 33%             | 28%           | 39%              | 23%           | 55 %      | 47 %    | 47 %           | 44 % | 35 %    | 26 %              |
| CWBMAVW 220142         | 1           | ✓         | AVW 170102     |                   | 104                | 101               | 98         | 103                                                   | 101             | 103          | 101         | 97         | 98             | 100             | 97            | 103              | 99            | 103       | 96      | 96             | 90   | 116     | 114               |
| F2                     |             | ✓         | AVW 180022     |                   | 61%                | 23%               | 21 %       | 17%                                                   | 21%             | 0.88         | 2.4         | -0.20      | 7.0            | 4.0             | 3             | -4.5             | 0.6           | 7.2       | 0.2     | -1.9           | -0.8 | 1.4     | 1.9               |
| ACACIA BEEF AVW220142  |             |           |                |                   | 61%                | 23%               | 21 %       | 17%                                                   | 21%             | 67 %         | 23 %        | 38%        | 21%            | 24%             | 17%           | 27%              | 15%           | 44 %      | 35 %    | 35 %           | 32 % | 31 %    | 24 %              |
| CWBMAVW 220143         | 1           | ✓         | AVW 170102     |                   | 93                 | 105               | 97         | 103                                                   | 102             | 94           | 105         | 96         | 97             | 104             | 97            | 104              | 100           | 103       | 96      | 95             | 91   | 111     | 113               |
| F2                     |             | ✓         | AVW 170012     |                   | 62%                | 23%               | 21 %       | 17%                                                   | 22%             | 1.74         | 4.1         | -0.18      | 6.8            | 6.3             | 3             | -4.9             | 0.5           | 6.9       | 0.2     | -3.1           | -0.6 | 1.0     | 1.6               |
| ACACIA BEEF AVW220143  |             |           |                |                   | 62%                | 23%               | 21 %       | 17%                                                   | 22%             | 68 %         | 23 %        | 39%        | 21%            | 24%             | 17%           | 28%              | 15%           | 43 %      | 33 %    | 33 %           | 31 % | 29 %    | 21 %              |
| CWBMAVW 220144         | 1           | ✓         | AVW 170102     |                   | 103                | 101               | 98         | 103                                                   | 102             | 103          | 101         | 96         | 98             | 100             | 97            | 103              | 100           | 104       | 96      | 95             | 91   | 111     | 113               |
| F2                     |             | ✓         | AVW 180019     |                   | 61%                | 23%               | 21 %       | 17%                                                   | 21%             | 0.89         | 2.4         | -0.19      | 7.1            | 4.0             | 3             | -4.7             | 0.6           | 7.6       | 0.2     | -3.1           | -0.6 | 1.0     | 1.6               |
| ACACIA BEEF AVW220144  |             |           |                |                   | 61%                | 23%               | 21 %       | 17%                                                   | 21%             | 67 %         | 23 %        | 38%        | 21%            | 24%             | 17%           | 27%              | 15%           | 44 %      | 33 %    | 33 %           | 31 % | 29 %    | 21 %              |
| CWBMAVW 220145         |             | ✓         | AVW 170102     |                   | 88                 | 106               | 111        | 89                                                    | 99              | 89           | 106         | 95         | 111            | 107             | 111           | 104              | 95            | 94        | 88      | 103            | 97   | 101     | 106               |
| F2                     |             | ✓         | CWBFAVW 170002 |                   | 39%                | 20%               | 17 %       | 15%                                                   | 18%             | 2.16         | 4.2         | -0.12      | 14.5           | 8.5             | 22            | -4.9             | 1.5           | 3.0       | -0.8    | 2.3            | 0.2  | -0.1    | 0.5               |
| ACACIA BEEF AVW220145  |             |           |                |                   | 39%                | 20%               | 17 %       | 15%                                                   | 18%             | 42 %         | 20 %        | 26%        | 17%            | 20%             | 15%           | 23%              | 13%           | 35 %      | 27 %    | 26 %           | 25 % | 25 %    | 19 %              |
| CWBMAVW 220149         | 2           | ✓         | AVW 170102     |                   | 91                 | 106               | 99         | 101                                                   | 100             | 93           | 106         | 89         | 99             | 106             | 99            | 99               | 101           | 106       | 91      | 98             | 94   | 98      | 105               |
| F2                     |             | ✓         | AVW 190042     |                   | 61%                | 25%               | 22 %       | 19%                                                   | 22%             | 1.77         | 4.3         | 0.09       | 8.1            | 7.9             | 5             | -2.4             | 0.3           | 8.4       | -0.5    | -1.1           | -0.3 | -0.4    | 0.5               |
| ACACIA BEEF AVW220149  |             |           |                |                   | 61%                | 25%               | 22 %       | 19%                                                   | 22%             | 67 %         | 25 %        | 36%        | 22%            | 24%             | 19%           | 28%              | 16%           | 44 %      | 34 %    | 34 %           | 32 % | 30 %    | 22 %              |
| CWBMAVW 220151         | 1           | ✓         | AVW 170102     |                   | 97                 | 103               | 97         | 103                                                   | 101             | 97           | 103         | 95         | 97             | 102             | 97            | 103              | 99            | 98        | 96      | 95             | 91   | 111     | 113               |
| F2                     |             | ✓         | AVW 180028     |                   | 61%                | 23%               | 21 %       | 17%                                                   | 21%             | 1.39         | 3.3         | -0.12      | 7.0            | 5.3             | 3             | -4.5             | 0.6           | 4.7       | 0.2     | -3.1           | -0.6 | 1.0     | 1.6               |
| ACACIA BEEF AVW220151  |             |           |                |                   | 61%                | 23%               | 21 %       | 17%                                                   | 21%             | 67 %         | 23 %        | 38%        | 21%            | 24%             | 17%           | 27%              | 15%           | 44 %      | 33 %    | 33 %           | 31 % | 29 %    | 21 %              |
| CWBMAVW 220154         |             | ✓         | AVW 170102     |                   | 88                 | 106               | 111        | 89                                                    | 99              | 89           | 106         | 95         | 111            | 107             | 111           | 104              | 95            | 94        | 88      | 103            | 97   | 101     | 106               |
| F1                     |             |           |                |                   | 39%                | 20%               | 17 %       | 15%                                                   | 18%             | 2.16         | 4.2         | -0.12      | 14.5           | 8.5             | 22            | -4.9             | 1.5           | 3.0       | -0.8    | 2.3            | 0.2  | -0.1    | 0.5               |
| ACACIA BEEF AVW220154  |             |           |                |                   | 39%                | 20%               | 17 %       | 15%                                                   | 18%             | 42 %         | 20 %        | 26%        | 17%            | 20%             | 15%           | 23%              | 13%           | 35 %      | 27 %    | 26 %           | 25 % | 25 %    | 19 %              |
| CWBMAVW 220157         |             | ✓         | AL 140054      |                   | 114                | 114               | 82         | 99                                                    | 117             | 110          | 114         | 104        | 82             | 108             | 101           | 116              | 113           | 105       | 109     | 97             | 97   | 115     | 103               |
| PBD                    |             | ✓         | AVW 170101     |                   | 61%                | 31%               | 27 %       | 23%                                                   | 26%             | 0.24         | 7.3         | -0.51      | -1.5           | 9.2             | 7             | -11.6            | -1.9          | 7.8       | 1.8     | -1.4           | 0.2  | 1.4     | 0.1               |
| ACACIA BEEF AVW220157  |             |           |                |                   | 61%                | 31%               | 27 %       | 23%                                                   | 26%             | 66 %         | 31 %        | 44%        | 27%            | 33%             | 23%           | 36%              | 16%           | 52 %      | 45 %    | 45 %           | 42 % | 33 %    | 24 %              |
| CWBMAVW 220158         |             | ✓         | AL 140054      |                   | 105                | 93                | 112        | 99                                                    | 91              | 102          | 93          | 104        | 112            | 91              | 101           | 96               | 88            | 87        | 103     | 98             | 82   | 126     | 112               |
| F1                     |             |           |                |                   | 39%                | 25%               | 23 %       | 17%                                                   | 20%             | 0.92         | -0.7        | -0.48      | 15.1           | -1.8            | 7             | -1.2             | 2.6           | -0.3      | 1.1     | -0.6           | -1.9 | 2.4     | 1.5               |
| ACACIA BEEF AVW220158  |             |           |                |                   | 39%                | 25%               | 23 %       | 17%                                                   | 20%             | 40 %         | 25 %        | 35%        | 23%            | 24%             | 17%           | 27%              | 14%           | 43 %      | 40 %    | 39 %           | 37 % | 26 %    | 19 %              |

CWB Bulls

| Inbreeding >6% is high       |             |           |     |                   | <75                | 75 - 125          | >125       | Breeding values with an accuracy < 5% are not printed |                 |              |             |            |                |                 |               |                  |               |           |         |                |      |         |          |          |
|------------------------------|-------------|-----------|-----|-------------------|--------------------|-------------------|------------|-------------------------------------------------------|-----------------|--------------|-------------|------------|----------------|-----------------|---------------|------------------|---------------|-----------|---------|----------------|------|---------|----------|----------|
| Bull                         |             |           |     |                   | Selection Value    |                   |            |                                                       |                 | Calf weight  |             | Mother     |                | Growth          |               | Fertility        |               |           | Carcass |                |      |         |          |          |
| ID                           | %Inbreeding | Parentage |     |                   | Calving Ease Value | Calf Growth Value | Milk Value | Maintenance Value                                     | Fertility Value | Birth Weight | Wean Weight | Birth Mat. | Milk (Wn.Mat.) | Postwean Weight | Mature Weight | Heifer Fertility | Cow Fertility | Longevity | IMF     | Carcass Weight | EMA  | Rib Fat | Marbling | Fineness |
|                              |             | Genomic   | DNA | Sire ID<br>Dam ID |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |         |                |      |         |          |          |
| JAPANESE BLACK               |             |           |     |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |         |                |      |         |          |          |
| CWBMAVW 230159 26 AVW 170102 |             |           |     |                   | 113                | 107               | 82         | 106                                                   | 114             | 110          | 107         | 99         | 82             | 107             | 94            | 112              | 112           | 109       | 93      | 93             | 99   | 95      | 109      |          |
| PBD AVW 170104               |             |           |     |                   | 0.18               | 4.6               |            |                                                       |                 | 0.18         | 4.6         | -0.31      | -1.4           | 8.4             | -2            | -9.3             | -1.6          | 9.8       | -0.2    | -4.1           | 0.5  | -0.7    | 1.0      |          |
| ACACIA BEEF AVW230159        |             |           |     |                   | 49%                | 28%               | 25 %       | 21%                                                   | 26%             | 52 %         | 28 %        | 38%        | 25%            | 28%             | 21%           | 34%              | 18%           | 46 %      | 36 %    | 35 %           | 33 % | 33 %    | 26 %     |          |
| CWBMAVW 250169 AVW 170204    |             |           |     |                   | 98                 | 118               | 93         | 96                                                    | 119             | 96           | 118         | 103        | 93             | 118             | 104           | 120              | 115           | 104       | 89      | 105            | 90   | 97      | 103      |          |
| F2 AVW 180025                |             |           |     |                   | 1.50               | 8.8               |            |                                                       |                 | 1.50         | 8.8         | -0.46      | 4.5            | 15.8            | 12            | -13.3            | -2.2          | 7.7       | -0.8    | 3.8            | -0.8 | -0.5    | 0.1      |          |
| ACACIA BEEF AVW 250169       |             |           |     |                   | 64 %               | 22 %              | 20 %       | 18%                                                   | 18%             | 64 %         | 22 %        | 37%        | 20%            | 30%             | 18%           | 27%              | 10%           | 45 %      | 40 %    | 40 %           | 37 % | 35 %    | 25 %     |          |
| CWBMAVW 250172 AVW 170204    |             |           |     |                   | 90                 | 119               | 94         | 96                                                    | 119             | 91           | 119         | 95         | 94             | 120             | 104           | 120              | 115           | 104       | 89      | 105            | 90   | 97      | 103      |          |
| F2 AVW 180036                |             |           |     |                   | 2.00               | 9.4               |            |                                                       |                 | 2.00         | 9.4         | -0.12      | 4.9            | 16.9            | 12            | -13.3            | -2.2          | 7.7       | -0.8    | 3.8            | -0.8 | -0.5    | 0.1      |          |
| ACACIA BEEF AVW 250172       |             |           |     |                   | 65 %               | 22 %              | 20 %       | 18%                                                   | 18%             | 65 %         | 22 %        | 37%        | 20%            | 30%             | 18%           | 27%              | 10%           | 44 %      | 40 %    | 40 %           | 37 % | 35 %    | 25 %     |          |
| CWBMAVW 250197 ZEWB190256    |             |           |     |                   | 71                 | 114               | 116        | 79                                                    | 108             | 77           | 114         | 86         | 116            | 116             | 121           | 106              | 108           | 107       | 91      | 114            | 95   | 102     | 95       |          |
| PEN                          |             |           |     |                   | 3.30               | 7.4               |            |                                                       |                 | 3.30         | 7.4         | 0.22       | 17.6           | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5    | 10.6           | -0.1 | 0.1     | -1.2     |          |
| ACACIA BEEF AVW 250197       |             |           |     |                   | 36%                | 15%               | 17 %       | 15%                                                   | 14%             | 39 %         | 15 %        | 23%        | 17%            | 31%             | 15%           | 20%              | 8%            | 29 %      | 24 %    | 24 %           | 22 % | 18 %    | 14 %     |          |

CWB Cows

| Inbreeding >6% is high  |                |             |             | <75              | 75 - 125           | >125              | Breeding values with an accuracy < 5% are not printed |                   |                 |              |             |            |                |                 |               |                  |               |           |      |                |      |         |                   |
|-------------------------|----------------|-------------|-------------|------------------|--------------------|-------------------|-------------------------------------------------------|-------------------|-----------------|--------------|-------------|------------|----------------|-----------------|---------------|------------------|---------------|-----------|------|----------------|------|---------|-------------------|
| Cow                     |                |             |             | Selection Values |                    |                   |                                                       |                   | Kalf gewig      |              | Moeder      |            | Groeï          |                 | Vrugbaarheid  |                  |               | Karkas    |      |                |      |         |                   |
| ID                      | Parentage      | %Inbreeding | Genomic DNA | Sire ID          | Calving Ease Value | Calf Growth Value | Milk Value                                            | Maintenance Value | Fertility Value | Birth Weight | Wean Weight | Birth Mat. | Milk (Wn.Mat.) | Postwean Weight | Mature Weight | Heifer Fertility | Cow Fertility | Longevity | IMF  | Carcass Weight | EMA  | Rib Fat | Marbling Fineness |
| Name                    | Dam ID         |             |             |                  |                    |                   |                                                       |                   |                 |              |             |            |                |                 |               |                  |               |           |      |                |      |         |                   |
|                         |                |             |             |                  |                    |                   |                                                       |                   |                 |              |             |            |                |                 |               |                  |               |           |      |                |      |         |                   |
| AKAUSHI                 |                |             |             |                  |                    |                   |                                                       |                   |                 |              |             |            |                |                 |               |                  |               |           |      |                |      |         |                   |
| CWBFAVW 250164          | WB 180115      |             |             |                  | 82                 | 115               | 113                                                   | 80                | 101             | 85           | 115         | 91         | 113            | 118             | 120           | 103              | 100           | 101       | 91   | 102            | 113  | 87      | 93                |
| F1                      | CWBFAVW 200071 |             |             |                  | 38 %               | 29 %              | 10 %                                                  | 6 %               | 12 %            | 2.58         | 7.9         | 0.02       | 15.6           | 15.9            | 34            | -4.6             | 0.7           | 6.4       | -0.5 | 2.1            | 2.4  | -1.5    | -1.6              |
| ACACIA BEEF AVW 250164  |                |             |             |                  |                    |                   |                                                       |                   |                 | 42 %         | 29 %        | 23 %       | 10 %           | 16 %            | 6 %           | 18 %             | 5 %           | 30 %      | 18 % | 18 %           | 16 % | 14 %    | 10 %              |
| CWBFAVW 250165          | WB 180115      |             |             |                  | 82                 | 115               | 113                                                   | 80                | 101             | 85           | 115         | 91         | 113            | 118             | 120           | 103              | 100           | 101       | 91   | 102            | 113  | 87      | 93                |
| F1                      | CWBFAVW 200091 |             |             |                  | 38 %               | 29 %              | 10 %                                                  | 6 %               | 12 %            | 2.58         | 7.9         | 0.02       | 15.6           | 15.9            | 34            | -4.6             | 0.7           | 6.4       | -0.5 | 2.1            | 2.4  | -1.5    | -1.6              |
| ACACIA BEEF AVW 250165  |                |             |             |                  |                    |                   |                                                       |                   |                 | 42 %         | 29 %        | 23 %       | 10 %           | 16 %            | 6 %           | 18 %             | 5 %           | 30 %      | 18 % | 18 %           | 16 % | 14 %    | 10 %              |
| CWBFAVW 250166          | AVW 170204     |             |             |                  | 78                 | 122               | 107                                                   | 82                | 117             | 81           | 122         | 92         | 107            | 125             | 118           | 120              | 112           | 102       | 80   | 112            | 96   | 86      | 96                |
| F1                      |                |             |             |                  | 34 %               | 18 %              | 17 %                                                  | 16 %              | 15 %            | 2.93         | 10.4        | 0.00       | 12.5           | 20.4            | 31            | -13.7            | -1.3          | 6.5       | -1.8 | 9.2            | 0.1  | -1.5    | -1.1              |
| ACACIA BEEF AVW 250166  |                |             |             |                  |                    |                   |                                                       |                   |                 | 36 %         | 18 %        | 27 %       | 17 %           | 26 %            | 16 %          | 23 %             | 7 %           | 36 %      | 35 % | 35 %           | 32 % | 33 %    | 23 %              |
| CWBFAVW 250168          | AVW 170204     |             |             |                  | 78                 | 122               | 107                                                   | 82                | 117             | 81           | 122         | 92         | 107            | 125             | 118           | 120              | 112           | 102       | 80   | 112            | 96   | 86      | 96                |
| F1                      |                |             |             |                  | 34 %               | 18 %              | 17 %                                                  | 16 %              | 15 %            | 2.93         | 10.4        | 0.00       | 12.5           | 20.4            | 31            | -13.7            | -1.3          | 6.5       | -1.8 | 9.2            | 0.1  | -1.5    | -1.1              |
| ACACIA BEEF AVW 250168  |                |             |             |                  |                    |                   |                                                       |                   |                 | 36 %         | 18 %        | 27 %       | 17 %           | 26 %            | 16 %          | 23 %             | 7 %           | 36 %      | 35 % | 35 %           | 32 % | 33 %    | 23 %              |
| CWBFAVW 250174          | ZEWB190256     |             |             |                  | 71                 | 114               | 116                                                   | 79                | 108             | 77           | 114         | 86         | 116            | 116             | 121           | 106              | 108           | 107       | 91   | 114            | 95   | 102     | 95                |
| F1                      | CWBFAVW 210111 |             |             |                  | 36 %               | 15 %              | 17 %                                                  | 15 %              | 14 %            | 3.30         | 7.4         | 0.22       | 17.6           | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5 | 10.6           | -0.1 | 0.1     | -1.2              |
| ACACIA BEEF AVW 250174  |                |             |             |                  |                    |                   |                                                       |                   |                 | 39 %         | 15 %        | 23 %       | 17 %           | 31 %            | 15 %          | 20 %             | 8 %           | 29 %      | 24 % | 24 %           | 22 % | 18 %    | 14 %              |
| CWBFAVW 250177          | ZEWB190256     |             |             |                  | 71                 | 114               | 116                                                   | 79                | 108             | 77           | 114         | 86         | 116            | 116             | 121           | 106              | 108           | 107       | 91   | 114            | 95   | 102     | 95                |
| F1                      | CWBFAVW 200074 |             |             |                  | 36 %               | 15 %              | 17 %                                                  | 15 %              | 14 %            | 3.30         | 7.4         | 0.22       | 17.6           | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5 | 10.6           | -0.1 | 0.1     | -1.2              |
| ACACIA BEEF AVW 250177  |                |             |             |                  |                    |                   |                                                       |                   |                 | 39 %         | 15 %        | 23 %       | 17 %           | 31 %            | 15 %          | 20 %             | 8 %           | 29 %      | 24 % | 24 %           | 22 % | 18 %    | 14 %              |
| CWBFAVW 250183          | ZEWB190256     |             |             |                  | 71                 | 114               | 116                                                   | 79                | 108             | 77           | 114         | 86         | 116            | 116             | 121           | 106              | 108           | 107       | 91   | 114            | 95   | 102     | 95                |
| F1                      | CWBFAVW 210125 |             |             |                  | 36 %               | 15 %              | 17 %                                                  | 15 %              | 14 %            | 3.30         | 7.4         | 0.22       | 17.6           | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5 | 10.6           | -0.1 | 0.1     | -1.2              |
| ACACIA BEEF AVW 250183  |                |             |             |                  |                    |                   |                                                       |                   |                 | 39 %         | 15 %        | 23 %       | 17 %           | 31 %            | 15 %          | 20 %             | 8 %           | 29 %      | 24 % | 24 %           | 22 % | 18 %    | 14 %              |
| CWBFAVW 250184          | ZEWB190256     |             |             |                  | 71                 | 114               | 116                                                   | 79                | 108             | 77           | 114         | 86         | 116            | 116             | 121           | 106              | 108           | 107       | 91   | 114            | 95   | 102     | 95                |
| F1                      | CWBFAVW 210127 |             |             |                  | 36 %               | 15 %              | 17 %                                                  | 15 %              | 14 %            | 3.30         | 7.4         | 0.22       | 17.6           | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5 | 10.6           | -0.1 | 0.1     | -1.2              |
| ACACIA BEEF AVW 250184  |                |             |             |                  |                    |                   |                                                       |                   |                 | 39 %         | 15 %        | 23 %       | 17 %           | 31 %            | 15 %          | 20 %             | 8 %           | 29 %      | 24 % | 24 %           | 22 % | 18 %    | 14 %              |
| CWBFAVW 250187          | ZEWB190256     |             |             |                  | 71                 | 114               | 116                                                   | 79                | 108             | 77           | 114         | 86         | 116            | 116             | 121           | 106              | 108           | 107       | 91   | 114            | 95   | 102     | 95                |
| F1                      | CWBFAVW 210107 |             |             |                  | 36 %               | 15 %              | 17 %                                                  | 15 %              | 14 %            | 3.30         | 7.4         | 0.22       | 17.6           | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5 | 10.6           | -0.1 | 0.1     | -1.2              |
| ACACIA BEEF AVW 250187  |                |             |             |                  |                    |                   |                                                       |                   |                 | 39 %         | 15 %        | 23 %       | 17 %           | 31 %            | 15 %          | 20 %             | 8 %           | 29 %      | 24 % | 24 %           | 22 % | 18 %    | 14 %              |
| CWBFAVW 250188          | ZEWB190256     |             |             |                  | 71                 | 114               | 116                                                   | 79                | 108             | 77           | 114         | 86         | 116            | 116             | 121           | 106              | 108           | 107       | 91   | 114            | 95   | 102     | 95                |
| F1                      | CWBFAVW 210120 |             |             |                  | 36 %               | 15 %              | 17 %                                                  | 15 %              | 14 %            | 3.30         | 7.4         | 0.22       | 17.6           | 14.6            | 35            | -6.4             | -0.6          | 9.0       | -0.5 | 10.6           | -0.1 | 0.1     | -1.2              |
| ACACIA BEEF AVW 250188  |                |             |             |                  |                    |                   |                                                       |                   |                 | 39 %         | 15 %        | 23 %       | 17 %           | 31 %            | 15 %          | 20 %             | 8 %           | 29 %      | 24 % | 24 %           | 22 % | 18 %    | 14 %              |
| JAPANESE BLACK          |                |             |             |                  |                    |                   |                                                       |                   |                 |              |             |            |                |                 |               |                  |               |           |      |                |      |         |                   |
| CWBFAVW 170002          | AL 140054      |             |             |                  | 105                | 93                | 112                                                   | 99                | 91              | 102          | 93          | 104        | 112            | 91              | 101           | 96               | 89            | 91        | 103  | 98             | 82   | 126     | 112               |
| F1                      | CWBFWAG35      |             |             |                  | 39 %               | 25 %              | 23 %                                                  | 17 %              | 20 %            | 0.92         | -0.7        | -0.48      | 15.1           | -1.8            | 7             | -1.2             | 2.6           | 1.5       | 1.1  | -0.6           | -1.9 | 2.4     | 1.5               |
| ACACIA BEEF WONG WASABI |                |             |             |                  |                    |                   |                                                       |                   |                 | 40 %         | 25 %        | 35 %       | 23 %           | 24 %            | 17 %          | 27 %             | 14 %          | 50 %      | 40 % | 39 %           | 37 % | 26 %    | 19 %              |

CWB Cows

| Inbreeding >6% is high                                                                                        |      |             |             | <75                | 75 - 125          | >125       | Breeding values with an accuracy < 5% are not printed |                 |              |             |            |                |                 |               |                  |               |           |        |                |      |         |          |          |
|---------------------------------------------------------------------------------------------------------------|------|-------------|-------------|--------------------|-------------------|------------|-------------------------------------------------------|-----------------|--------------|-------------|------------|----------------|-----------------|---------------|------------------|---------------|-----------|--------|----------------|------|---------|----------|----------|
| Cow                                                                                                           |      |             |             | Selection Values   |                   |            |                                                       |                 | Kalf gewig   |             | Moeder     |                | Groei           |               | Vrugbaarheid     |               |           | Karkas |                |      |         |          |          |
| ID                                                                                                            | Name | %Inbreeding | Parentage   | Calving Ease Value | Calf Growth Value | Milk Value | Maintenance Value                                     | Fertility Value | Birth Weight | Wean Weight | Birth Mat. | Milk (Wn.Mat.) | Postwean Weight | Mature Weight | Heifer Fertility | Cow Fertility | Longevity | IMF    | Carcass Weight | EMA  | Rib Fat | Marbling | Fineness |
|                                                                                                               |      |             | Genomic DNA |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |      |         |          |          |
| JAPANESE BLACK                                                                                                |      |             |             |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |      |         |          |          |
| CWBFAVW 200071  AVW 170102   |      |             |             | 88                 | 106               | 111        | 89                                                    | 99              | 89           | 106         | 95         | 111            | 107             | 111           | 104              | 95            | 104       | 88     | 103            | 97   | 101     | 106      |          |
| F1                                                                                                            |      |             |             | 39 %               | 20 %              | 17 %       | 15 %                                                  | 18 %            | 2.16         | 4.2         | -0.12      | 14.5           | 8.5             | 22            | -4.9             | 1.5           | 7.6       | -0.8   | 2.3            | 0.2  | -0.1    | 0.5      |          |
| ACACIA BEEF AVW200071                                                                                         |      |             |             |                    |                   |            |                                                       |                 | 42 %         | 20 %        | 26 %       | 17 %           | 20 %            | 15%           | 23%              | 13%           | 40 %      | 27 %   | 26 %           | 25 % | 25 %    | 19 %     |          |
| CWBFAVW 200074  AVW 170204   |      |             |             | 96                 | 116               | 94         | 96                                                    | 119             | 97           | 116         | 94         | 94             | 117             | 104           | 119              | 117           | 112       | 89     | 105            | 90   | 97      | 103      |          |
| F2                                                                                                            |      |             |             | 57 %               | 22 %              | 20 %       | 18 %                                                  | 23 %            | 1.43         | 8.2         | -0.11      | 5.1            | 15.3            | 12            | -13.1            | -2.1          | 11.0      | -0.8   | 3.8            | -0.8 | -0.5    | 0.1      |          |
| ACACIA BEEF AVW200074                                                                                         |      |             |             |                    |                   |            |                                                       |                 | 62 %         | 22 %        | 40 %       | 20 %           | 30 %            | 18%           | 36%              | 10%           | 50 %      | 40 %   | 40 %           | 37 % | 35 %    | 25 %     |          |
| CWBFAVW 200077  AVW 170204   |      |             |             | 99                 | 115               | 94         | 96                                                    | 119             | 99           | 115         | 93         | 94             | 116             | 104           | 120              | 117           | 105       | 89     | 105            | 90   | 97      | 103      |          |
| F2                                                                                                            |      |             |             | 55 %               | 22 %              | 20 %       | 18 %                                                  | 18 %            | 1.20         | 7.7         | -0.05      | 5.2            | 14.6            | 12            | -13.3            | -2.2          | 8.2       | -0.8   | 3.8            | -0.8 | -0.5    | 0.1      |          |
| ACACIA BEEF AVW200077                                                                                         |      |             |             |                    |                   |            |                                                       |                 | 59 %         | 22 %        | 38 %       | 20 %           | 30 %            | 18%           | 27%              | 10%           | 45 %      | 40 %   | 40 %           | 37 % | 35 %    | 25 %     |          |
| CWBFAVW 200087  AVW 170204   |      |             |             | 78                 | 122               | 107        | 82                                                    | 117             | 81           | 122         | 92         | 107            | 125             | 118           | 120              | 112           | 102       | 80     | 112            | 96   | 86      | 96       |          |
| F2                                                                                                            |      |             |             | 34 %               | 18 %              | 17 %       | 16 %                                                  | 15 %            | 2.93         | 10.4        | 0.00       | 12.5           | 20.4            | 31            | -13.7            | -1.3          | 6.5       | -1.8   | 9.2            | 0.1  | -1.5    | -1.1     |          |
| ACACIA BEEF AVW200087                                                                                         |      |             |             |                    |                   |            |                                                       |                 | 36 %         | 18 %        | 27 %       | 17 %           | 26 %            | 16%           | 23%              | 7%            | 36 %      | 35 %   | 35 %           | 32 % | 33 %    | 23 %     |          |
| CWBFAVW 200091  AVW 170201   |      |             |             | 93                 | 124               | 93         | 86                                                    | 120             | 94           | 124         | 94         | 93             | 120             | 114           | 119              | 117           | 108       | 100    | 110            | 101  | 107     | 98       |          |
| F2                                                                                                            |      |             |             | 55 %               | 23 %              | 19 %       | 17 %                                                  | 22 %            | 1.72         | 11.1        | -0.11      | 4.5            | 17.0            | 26            | -13.1            | -2.3          | 9.5       | 0.7    | 7.6            | 0.7  | 0.6     | -0.8     |          |
| ACACIA BEEF AVW200091                                                                                         |      |             |             |                    |                   |            |                                                       |                 | 60 %         | 23 %        | 37 %       | 19 %           | 26 %            | 17%           | 35%              | 10%           | 48 %      | 33 %   | 32 %           | 30 % | 27 %    | 20 %     |          |
| CWBFAVW 200092  AVW 170201   |      |             |             | 96                 | 123               | 93         | 86                                                    | 119             | 96           | 123         | 97         | 93             | 119             | 114           | 118              | 117           | 110       | 100    | 110            | 101  | 107     | 98       |          |
| F2                                                                                                            |      |             |             | 40 %               | 23 %              | 19 %       | 17 %                                                  | 18 %            | 1.54         | 10.9        | -0.20      | 4.4            | 16.7            | 26            | -12.3            | -2.2          | 10.5      | 0.7    | 7.6            | 0.7  | 0.6     | -0.8     |          |
| ACACIA BEEF AVW200092                                                                                         |      |             |             |                    |                   |            |                                                       |                 | 41 %         | 23 %        | 35 %       | 19 %           | 26 %            | 17%           | 26%              | 10%           | 47 %      | 33 %   | 32 %           | 30 % | 27 %    | 20 %     |          |
| CWBFAVW 210100  AVW 170102   |      |             |             | 106                | 100               | 97         | 103                                                   | 101             | 105          | 100         | 99         | 97             | 100             | 97            | 103              | 100           | 99        | 96     | 95             | 91   | 111     | 113      |          |
| F2                                                                                                            |      |             |             | 59 %               | 23 %              | 21 %       | 17 %                                                  | 21 %            | 0.71         | 2.2         | -0.29      | 7.0            | 3.6             | 3             | -4.5             | 0.6           | 5.4       | 0.2    | -3.1           | -0.6 | 1.0     | 1.6      |          |
| ACACIA BEEF AVW210100                                                                                         |      |             |             |                    |                   |            |                                                       |                 | 65 %         | 23 %        | 36 %       | 21 %           | 24 %            | 17%           | 27%              | 15%           | 44 %      | 33 %   | 33 %           | 31 % | 29 %    | 21 %     |          |
| CWBFAVW 210102  AVW 170102 |      |             |             | 115                | 96                | 98         | 103                                                   | 104             | 113          | 96          | 98         | 98             | 96              | 97            | 107              | 102           | 107       | 96     | 95             | 91   | 111     | 113      |          |
| F2                                                                                                            |      |             |             | 60 %               | 23 %              | 21 %       | 17 %                                                  | 26 %            | -0.05        | 0.6         | -0.26      | 7.2            | 1.5             | 3             | -6.6             | 0.4           | 9.1       | 0.2    | -3.1           | -0.6 | 1.0     | 1.6      |          |
| ACACIA BEEF AVW210102                                                                                         |      |             |             |                    |                   |            |                                                       |                 | 66 %         | 23 %        | 39 %       | 21 %           | 24 %            | 17%           | 38%              | 15%           | 48 %      | 33 %   | 33 %           | 31 % | 29 %    | 21 %     |          |
| CWBFAVW 210106  AVW 170102 |      |             |             | 88                 | 106               | 111        | 89                                                    | 99              | 89           | 106         | 95         | 111            | 107             | 111           | 104              | 95            | 94        | 88     | 103            | 97   | 101     | 106      |          |
| F2                                                                                                            |      |             |             | 39 %               | 20 %              | 17 %       | 15 %                                                  | 18 %            | 2.16         | 4.2         | -0.12      | 14.5           | 8.5             | 22            | -4.9             | 1.5           | 3.0       | -0.8   | 2.3            | 0.2  | -0.1    | 0.5      |          |
| ACACIA BEEF AVW210106                                                                                         |      |             |             |                    |                   |            |                                                       |                 | 42 %         | 20 %        | 26 %       | 17 %           | 20 %            | 15%           | 23%              | 13%           | 35 %      | 27 %   | 26 %           | 25 % | 25 %    | 19 %     |          |
| CWBFAVW 210107  AVW 170102 |      |             |             | 88                 | 106               | 111        | 89                                                    | 99              | 89           | 106         | 95         | 111            | 107             | 111           | 104              | 95            | 103       | 88     | 103            | 97   | 101     | 106      |          |
| F1                                                                                                            |      |             |             | 39 %               | 20 %              | 17 %       | 15 %                                                  | 18 %            | 2.16         | 4.2         | -0.12      | 14.5           | 8.5             | 22            | -4.9             | 1.5           | 6.9       | -0.8   | 2.3            | 0.2  | -0.1    | 0.5      |          |
| ACACIA BEEF AVW210107                                                                                         |      |             |             |                    |                   |            |                                                       |                 | 42 %         | 20 %        | 26 %       | 17 %           | 20 %            | 15%           | 23%              | 13%           | 42 %      | 27 %   | 26 %           | 25 % | 25 %    | 19 %     |          |
| CWBFAVW 210110  AVW 170102 |      |             |             | 88                 | 106               | 111        | 89                                                    | 99              | 89           | 106         | 95         | 111            | 107             | 111           | 104              | 95            | 103       | 88     | 103            | 97   | 101     | 106      |          |
| F1                                                                                                            |      |             |             | 39 %               | 20 %              | 17 %       | 15 %                                                  | 18 %            | 2.16         | 4.2         | -0.12      | 14.5           | 8.5             | 22            | -4.9             | 1.5           | 6.9       | -0.8   | 2.3            | 0.2  | -0.1    | 0.5      |          |
| ACACIA BEEF AVW210110                                                                                         |      |             |             |                    |                   |            |                                                       |                 | 42 %         | 20 %        | 26 %       | 17 %           | 20 %            | 15%           | 23%              | 13%           | 42 %      | 27 %   | 26 %           | 25 % | 25 %    | 19 %     |          |
| CWBFAVW 210111  AVW 170102 |      |             |             | 88                 | 106               | 111        | 89                                                    | 99              | 89           | 106         | 95         | 111            | 107             | 111           | 104              | 95            | 103       | 88     | 103            | 97   | 101     | 106      |          |
| F1                                                                                                            |      |             |             | 39 %               | 20 %              | 17 %       | 15 %                                                  | 18 %            | 2.16         | 4.2         | -0.12      | 14.5           | 8.5             | 22            | -4.9             | 1.5           | 6.9       | -0.8   | 2.3            | 0.2  | -0.1    | 0.5      |          |
| ACACIA BEEF AVW210111                                                                                         |      |             |             |                    |                   |            |                                                       |                 | 42 %         | 20 %        | 26 %       | 17 %           | 20 %            | 15%           | 23%              | 13%           | 42 %      | 27 %   | 26 %           | 25 % | 25 %    | 19 %     |          |

CWB Cows

| Inbreeding >6% is high                                                             |             |             |                   | <75                | 75 - 125          | >125       | Breeding values with an accuracy < 5% are not printed |                 |              |             |            |                |                 |               |                  |               |           |        |                |      |         |                   |
|------------------------------------------------------------------------------------|-------------|-------------|-------------------|--------------------|-------------------|------------|-------------------------------------------------------|-----------------|--------------|-------------|------------|----------------|-----------------|---------------|------------------|---------------|-----------|--------|----------------|------|---------|-------------------|
| Cow                                                                                |             |             |                   | Selection Values   |                   |            |                                                       |                 | Kalf gewig   |             | Moeder     |                | Groei           |               | Vrugbaarheid     |               |           | Karkas |                |      |         |                   |
| ID                                                                                 | %Inbreeding | Parentage   |                   | Calving Ease Value | Calf Growth Value | Milk Value | Maintenance Value                                     | Fertility Value | Birth Weight | Wean Weight | Birth Mat. | Milk (Wn.Mat.) | Postwean Weight | Mature Weight | Heifer Fertility | Cow Fertility | Longevity | IMF    | Carcass Weight | EMA  | Rib Fat | Marbling Fineness |
| Name                                                                               |             | Genomic DNA | Sire ID<br>Dam ID |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |      |         |                   |
| JAPANESE BLACK                                                                     |             |             |                   |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |      |         |                   |
| CWBFAVW 210112 <span>✓</span> AVW 170102                                           |             |             |                   | 88                 | 106               | 111        | 89                                                    | 99              | 89           | 106         | 95         | 111            | 107             | 111           | 104              | 95            | 99        | 88     | 103            | 97   | 101     | 106               |
| F1                                                                                 |             |             |                   | 39 %               | 20 %              | 17 %       | 15 %                                                  | 18 %            | 2.16         | 4.2         | -0.12      | 14.5           | 8.5             | 22            | -4.9             | 1.5           | 5.4       | -0.8   | 2.3            | 0.2  | -0.1    | 0.5               |
| ACACIA BEEF AVW210112                                                              |             |             |                   |                    |                   |            |                                                       |                 | 42 %         | 20 %        | 26 %       | 17 %           | 20 %            | 15%           | 23%              | 13%           | 42 %      | 27 %   | 26 %           | 25 % | 25 %    | 19 %              |
| CWBFAVW 210113 <span>✓</span> AVW 170102                                           |             |             |                   | 88                 | 106               | 111        | 89                                                    | 99              | 89           | 106         | 95         | 111            | 107             | 111           | 104              | 95            | 103       | 88     | 103            | 97   | 101     | 106               |
| F1                                                                                 |             |             |                   | 39 %               | 20 %              | 17 %       | 15 %                                                  | 18 %            | 2.16         | 4.2         | -0.12      | 14.5           | 8.5             | 22            | -4.9             | 1.5           | 6.9       | -0.8   | 2.3            | 0.2  | -0.1    | 0.5               |
| ACACIA BEEF AVW210113                                                              |             |             |                   |                    |                   |            |                                                       |                 | 42 %         | 20 %        | 26 %       | 17 %           | 20 %            | 15%           | 23%              | 13%           | 42 %      | 27 %   | 26 %           | 25 % | 25 %    | 19 %              |
| CWBFAVW 210116 <span>25</span> <span>✓</span> AVW 170102 <span>✓</span> BA 140148  |             |             |                   | 103                | 106               | 88         | 105                                                   | 114             | 106          | 106         | 83         | 88             | 107             | 95            | 109              | 116           | 112       | 77     | 99             | 98   | 98      | 118               |
| PBD                                                                                |             |             |                   | 65 %               | 32 %              | 31 %       | 26 %                                                  | 29 %            | 0.59         | 4.4         | 0.35       | 1.8            | 8.6             | 0             | -8.0             | -1.9          | 11.0      | -2.3   | -0.3           | 0.3  | -0.4    | 2.5               |
| ACACIA BEEF AVW210116                                                              |             |             |                   |                    |                   |            |                                                       |                 | 71 %         | 32 %        | 43 %       | 31 %           | 30 %            | 26%           | 36%              | 22%           | 49 %      | 37 %   | 37 %           | 35 % | 35 %    | 26 %              |
| CWBFAVW 210117 <span>26</span> <span>✓</span> AVW 170102 <span>✓</span> AVW 170104 |             |             |                   | 120                | 104               | 83         | 106                                                   | 116             | 117          | 104         | 100        | 83             | 104             | 94            | 116              | 115           | 113       | 93     | 93             | 99   | 95      | 109               |
| PBD                                                                                |             |             |                   | 60 %               | 28 %              | 25 %       | 21 %                                                  | 30 %            | -0.39        | 3.5         | -0.33      | -1.3           | 6.9             | -2            | -11.4            | -1.8          | 11.5      | -0.2   | -4.1           | 0.5  | -0.7    | 1.0               |
| ACACIA BEEF AVW210117                                                              |             |             |                   |                    |                   |            |                                                       |                 | 66 %         | 28 %        | 38 %       | 25 %           | 28 %            | 21%           | 42%              | 18%           | 50 %      | 36 %   | 35 %           | 33 % | 33 %    | 26 %              |
| CWBFAVW 210120 <span>1</span> <span>✓</span> AVW 170102 <span>✓</span> AVW 180021  |             |             |                   | 113                | 99                | 97         | 103                                                   | 94              | 109          | 99          | 105        | 97             | 98              | 97            | 93               | 97            | 110       | 96     | 95             | 91   | 111     | 113               |
| F2                                                                                 |             |             |                   | 60 %               | 23 %              | 21 %       | 17 %                                                  | 26 %            | 0.31         | 1.7         | -0.52      | 6.7            | 2.8             | 3             | 0.8              | 1.2           | 10.1      | 0.2    | -3.1           | -0.6 | 1.0     | 1.6               |
| ACACIA BEEF AVW210120                                                              |             |             |                   |                    |                   |            |                                                       |                 | 66 %         | 23 %        | 38 %       | 21 %           | 24 %            | 17%           | 37%              | 15%           | 49 %      | 33 %   | 33 %           | 31 % | 29 %    | 21 %              |
| CWBFAVW 210121 <span>✓</span> AVW 170102                                           |             |             |                   | 88                 | 106               | 111        | 89                                                    | 99              | 89           | 106         | 95         | 111            | 107             | 111           | 104              | 95            | 103       | 88     | 103            | 97   | 101     | 106               |
| F1                                                                                 |             |             |                   | 39 %               | 20 %              | 17 %       | 15 %                                                  | 18 %            | 2.16         | 4.2         | -0.12      | 14.5           | 8.5             | 22            | -4.9             | 1.5           | 6.9       | -0.8   | 2.3            | 0.2  | -0.1    | 0.5               |
| ACACIA BEEF AVW2100121                                                             |             |             |                   |                    |                   |            |                                                       |                 | 42 %         | 20 %        | 26 %       | 17 %           | 20 %            | 15%           | 23%              | 13%           | 42 %      | 27 %   | 26 %           | 25 % | 25 %    | 19 %              |
| CWBFAVW 210122 <span>✓</span> AVW 170102                                           |             |             |                   | 88                 | 106               | 111        | 89                                                    | 99              | 89           | 106         | 95         | 111            | 107             | 111           | 104              | 95            | 94        | 88     | 103            | 97   | 101     | 106               |
| F1                                                                                 |             |             |                   | 39 %               | 20 %              | 17 %       | 15 %                                                  | 18 %            | 2.16         | 4.2         | -0.12      | 14.5           | 8.5             | 22            | -4.9             | 1.5           | 3.0       | -0.8   | 2.3            | 0.2  | -0.1    | 0.5               |
| ACACIA BEEF AVW210122                                                              |             |             |                   |                    |                   |            |                                                       |                 | 42 %         | 20 %        | 26 %       | 17 %           | 20 %            | 15%           | 23%              | 13%           | 35 %      | 27 %   | 26 %           | 25 % | 25 %    | 19 %              |
| CWBFAVW 210125 <span>✓</span> AVW 170102 <span>✓</span> CWBFFKK572                 |             |             |                   | 88                 | 106               | 111        | 89                                                    | 99              | 89           | 106         | 95         | 111            | 107             | 111           | 104              | 95            | 103       | 88     | 103            | 97   | 101     | 106               |
| F1                                                                                 |             |             |                   | 39 %               | 20 %              | 17 %       | 15 %                                                  | 18 %            | 2.16         | 4.2         | -0.12      | 14.5           | 8.5             | 22            | -4.9             | 1.5           | 6.9       | -0.8   | 2.3            | 0.2  | -0.1    | 0.5               |
| ACACIA BEEF AVW210125                                                              |             |             |                   |                    |                   |            |                                                       |                 | 42 %         | 20 %        | 26 %       | 17 %           | 20 %            | 15%           | 23%              | 13%           | 42 %      | 27 %   | 26 %           | 25 % | 25 %    | 19 %              |
| CWBFAVW 210127 <span>✓</span> AL 140054                                            |             |             |                   | 105                | 93                | 112        | 99                                                    | 91              | 102          | 93          | 104        | 112            | 91              | 101           | 96               | 89            | 96        | 103    | 98             | 82   | 126     | 112               |
| F1                                                                                 |             |             |                   | 39 %               | 25 %              | 23 %       | 17 %                                                  | 20 %            | 0.92         | -0.7        | -0.48      | 15.1           | -1.8            | 7             | -1.2             | 2.6           | 4.0       | 1.1    | -0.6           | -1.9 | 2.4     | 1.5               |
| ACACIA BEEF AVW210127                                                              |             |             |                   |                    |                   |            |                                                       |                 | 40 %         | 25 %        | 35 %       | 23 %           | 24 %            | 17%           | 27%              | 14%           | 49 %      | 40 %   | 39 %           | 37 % | 26 %    | 19 %              |
| CWBFAVW 220128 <span>✓</span> AL 140054 <span>✓</span> AVW 180106                  |             |             |                   | 126                | 107               | 80         | 110                                                   | 122             | 123          | 107         | 104        | 80             | 106             | 90            | 119              | 122           | 115       | 105    | 90             | 86   | 110     | 108               |
| PBD                                                                                |             |             |                   | 64 %               | 30 %              | 28 %       | 24 %                                                  | 26 %            | -1.01        | 4.6         | -0.52      | -2.5           | 8.0             | -7            | -13.0            | -3.0          | 12.5      | 1.4    | -6.5           | -1.4 | 0.8     | 0.8               |
| ACACIA BEEF AVW220128                                                              |             |             |                   |                    |                   |            |                                                       |                 | 69 %         | 30 %        | 45 %       | 28 %           | 36 %            | 24%           | 35%              | 16%           | 52 %      | 47 %   | 47 %           | 44 % | 35 %    | 26 %              |
| CWBFAVW 220130 <span>✓</span> AL 140054                                            |             |             |                   | 105                | 93                | 112        | 99                                                    | 91              | 102          | 93          | 104        | 112            | 91              | 101           | 96               | 89            | 87        | 103    | 98             | 82   | 126     | 112               |
| F1                                                                                 |             |             |                   | 39 %               | 25 %              | 23 %       | 17 %                                                  | 20 %            | 0.92         | -0.7        | -0.48      | 15.1           | -1.8            | 7             | -1.2             | 2.6           | -0.3      | 1.1    | -0.6           | -1.9 | 2.4     | 1.5               |
| ACACIA BEEF AVW220130                                                              |             |             |                   |                    |                   |            |                                                       |                 | 40 %         | 25 %        | 35 %       | 23 %           | 24 %            | 17%           | 27%              | 14%           | 43 %      | 40 %   | 39 %           | 37 % | 26 %    | 19 %              |
| CWBFAVW 220134 <span>✓</span> AVW 170102 <span>✓</span> CWBFAVW 170003             |             |             |                   | 88                 | 106               | 111        | 89                                                    | 99              | 89           | 106         | 95         | 111            | 107             | 111           | 104              | 95            | 94        | 88     | 103            | 97   | 101     | 106               |
| F2                                                                                 |             |             |                   | 39 %               | 20 %              | 17 %       | 15 %                                                  | 18 %            | 2.16         | 4.2         | -0.12      | 14.5           | 8.5             | 22            | -4.9             | 1.5           | 3.0       | -0.8   | 2.3            | 0.2  | -0.1    | 0.5               |
| ACACIA BEEF AVW220134                                                              |             |             |                   |                    |                   |            |                                                       |                 | 42 %         | 20 %        | 26 %       | 17 %           | 20 %            | 15%           | 23%              | 13%           | 35 %      | 27 %   | 26 %           | 25 % | 25 %    | 19 %              |

CWB Cows

| Inbreeding >6% is high                                                                                          |             |             |         |        | <75                | 75 - 125          | >125       | Breeding values with an accuracy < 5% are not printed |                 |              |             |            |                |                 |               |                  |               |           |        |                |      |         |          |          |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|---------|--------|--------------------|-------------------|------------|-------------------------------------------------------|-----------------|--------------|-------------|------------|----------------|-----------------|---------------|------------------|---------------|-----------|--------|----------------|------|---------|----------|----------|
| Cow                                                                                                             |             |             |         |        | Selection Values   |                   |            |                                                       |                 | Kalf gewig   |             | Moeder     |                | Groei           |               | Vrugbaarheid     |               |           | Karkas |                |      |         |          |          |
| ID                                                                                                              | %Inbreeding | Parentage   |         |        | Calving Ease Value | Calf Growth Value | Milk Value | Maintenance Value                                     | Fertility Value | Birth Weight | Wean Weight | Birth Mat. | Milk (Wn.Mat.) | Postwean Weight | Mature Weight | Heifer Fertility | Cow Fertility | Longevity | IMF    | Carcass Weight | EMA  | Rib Fat | Marbling | Fineness |
| Name                                                                                                            |             | Genomic DNA | Sire ID | Dam ID |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |      |         |          |          |
| JAPANESE BLACK                                                                                                  |             |             |         |        |                    |                   |            |                                                       |                 |              |             |            |                |                 |               |                  |               |           |        |                |      |         |          |          |
| CWBFAVW 220136 1  AVW 170102   |             |             |         |        | 116                | 98                | 97         | 103                                                   | 99              | 112          | 98          | 105        | 97             | 97              | 97            | 100              | 100           | 105       | 96     | 95             | 91   | 111     | 113      |          |
| F2  AVW 180021                 |             |             |         |        | 0.07               | 1.2               |            |                                                       |                 | 0.07         | 1.2         | -0.53      | 6.8            | 2.1             | 3             | -3.0             | 0.8           | 7.9       | 0.2    | -3.1           | -0.6 | 1.0     | 1.6      |          |
| ACACIA BEEF AVW220136                                                                                           |             |             |         |        | 62 %               | 23 %              | 21 %       | 17 %                                                  | 22 %            | 68 %         | 23 %        | 38 %       | 21 %           | 24 %            | 17%           | 28%              | 15%           | 44 %      | 33 %   | 33 %           | 31 % | 29 %    | 21 %     |          |
| CWBFAVW 220138 1  AVW 170102   |             |             |         |        | 117                | 97                | 97         | 103                                                   | 101             | 113          | 97          | 104        | 97             | 97              | 103           | 100              | 97            | 96        | 95     | 91             | 111  | 113     |          |          |
| F2  AVW 180035                 |             |             |         |        | -0.03              | 1.0               |            |                                                       |                 | -0.03        | 1.0         | -0.50      | 6.9            | 1.8             | 3             | -4.5             | 0.6           | 4.2       | 0.2    | -3.1           | -0.6 | 1.0     | 1.6      |          |
| ACACIA BEEF AVW220138                                                                                           |             |             |         |        | 61 %               | 23 %              | 21 %       | 17 %                                                  | 21 %            | 67 %         | 23 %        | 37 %       | 21 %           | 24 %            | 17%           | 27%              | 15%           | 43 %      | 33 %   | 33 %           | 31 % | 29 %    | 21 %     |          |
| CWBFAVW 220146 1  AVW 170102   |             |             |         |        | 95                 | 104               | 98         | 103                                                   | 101             | 96           | 103         | 92         | 98             | 102             | 97            | 103              | 100           | 101       | 93     | 93             | 96   | 116     | 117      |          |
| F2  AVW 170010                 |             |             |         |        | 1.49               | 3.4               |            |                                                       |                 | 1.49         | 3.4         | -0.02      | 7.1            | 5.5             | 3             | -4.5             | 0.6           | 6.1       | -0.1   | -4.1           | 0.0  | 1.4     | 2.3      |          |
| ACACIA BEEF AVW220146                                                                                           |             |             |         |        | 61 %               | 23 %              | 21 %       | 17 %                                                  | 21 %            | 67 %         | 23 %        | 38 %       | 21 %           | 24 %            | 17%           | 27%              | 15%           | 43 %      | 35 %   | 35 %           | 32 % | 31 %    | 24 %     |          |
| CWBFAVW 220147 2  AVW 170102   |             |             |         |        | 85                 | 108               | 96         | 100                                                   | 107             | 88           | 108         | 91         | 96             | 108             | 100           | 107              | 106           | 104       | 89     | 102            | 97   | 97      | 105      |          |
| F2  AVW 190044                 |             |             |         |        | 2.27               | 5.3               |            |                                                       |                 | 2.27         | 5.3         | 0.01       | 6.4            | 9.2             | 6             | -6.6             | -0.4          | 7.6       | -0.7   | 1.9            | 0.2  | -0.5    | 0.4      |          |
| ACACIA BEEF AVW220147                                                                                           |             |             |         |        | 60 %               | 26 %              | 25 %       | 20 %                                                  | 23 %            | 66 %         | 26 %        | 35 %       | 25 %           | 25 %            | 20%           | 29%              | 17%           | 44 %      | 33 %   | 33 %           | 31 % | 30 %    | 22 %     |          |
| CWBFAVW 220148 1  AL 140054    |             |             |         |        | 125                | 80                | 96         | 117                                                   | 95              | 126          | 80          | 113        | 96             | 79              | 83            | 99               | 93            | 93        | 102    | 89             | 84   | 121     | 118      |          |
| F2  AVW 190041                 |             |             |         |        | -1.26              | -5.4              |            |                                                       |                 | -1.26        | -5.4        | -0.87      | 6.4            | -10.0           | -17           | -2.6             | 1.9           | 2.3       | 1.0    | -6.9           | -1.7 | 1.9     | 2.5      |          |
| ACACIA BEEF AVW220148                                                                                           |             |             |         |        | 62 %               | 34 %              | 32 %       | 24 %                                                  | 27 %            | 67 %         | 34 %        | 45 %       | 32 %           | 33 %            | 24%           | 35%              | 19%           | 49 %      | 46 %   | 46 %           | 44 % | 33 %    | 25 %     |          |
| CWBFAVW 220150 1  AVW 170102   |             |             |         |        | 109                | 99                | 97         | 103                                                   | 101             | 107          | 99          | 100        | 97             | 99              | 97            | 103              | 100           | 98        | 96     | 95             | 91   | 111     | 113      |          |
| F2  AVW 180034                 |             |             |         |        | 0.51               | 1.9               |            |                                                       |                 | 0.51         | 1.9         | -0.35      | 6.9            | 3.1             | 3             | -4.5             | 0.6           | 4.8       | 0.2    | -3.1           | -0.6 | 1.0     | 1.6      |          |
| ACACIA BEEF AVW220150                                                                                           |             |             |         |        | 59 %               | 23 %              | 21 %       | 17 %                                                  | 21 %            | 66 %         | 23 %        | 34 %       | 21 %           | 24 %            | 17%           | 27%              | 15%           | 43 %      | 33 %   | 33 %           | 31 % | 29 %    | 21 %     |          |
| CWBFAVW 220152 3  AVW 170102   |             |             |         |        | 108                | 99                | 91         | 110                                                   | 114             | 111          | 99          | 84         | 91             | 102             | 90            | 118              | 111           | 110       | 92     | 92             | 94   | 99      | 111      |          |
| PBD  BA 140210                 |             |             |         |        | 0.12               | 1.9               |            |                                                       |                 | 0.12         | 1.9         | 0.32       | 3.3            | 5.0             | -8            | -12.3            | -1.2          | 10.2      | -0.3   | -4.7           | -0.2 | -0.2    | 1.3      |          |
| ACACIA BEEF AVW220152                                                                                           |             |             |         |        | 65 %               | 28 %              | 28 %       | 20 %                                                  | 24 %            | 72 %         | 28 %        | 40 %       | 28 %           | 24 %            | 20%           | 31%              | 17%           | 46 %      | 34 %   | 33 %           | 31 % | 30 %    | 23 %     |          |
| CWBFAVW 220155 1  AVW 170102 |             |             |         |        | 107                | 100               | 98         | 103                                                   | 101             | 106          | 100         | 98         | 98             | 99              | 97            | 103              | 100           | 97        | 96     | 95             | 91   | 111     | 113      |          |
| F2  AVW 180036               |             |             |         |        | 0.59               | 1.9               |            |                                                       |                 | 0.59         | 1.9         | -0.26      | 7.0            | 3.3             | 3             | -4.5             | 0.6           | 4.2       | 0.2    | -3.1           | -0.6 | 1.0     | 1.6      |          |
| ACACIA BEEF AVW220155                                                                                           |             |             |         |        | 61 %               | 23 %              | 21 %       | 17 %                                                  | 21 %            | 67 %         | 23 %        | 37 %       | 21 %           | 24 %            | 17%           | 27%              | 15%           | 43 %      | 33 %   | 33 %           | 31 % | 29 %    | 21 %     |          |
| CWBFAVW 220156  AL 140054    |             |             |         |        | 120                | 111               | 82         | 99                                                    | 117             | 115          | 111         | 107        | 82             | 106             | 101           | 117              | 115           | 106       | 109    | 97             | 97   | 115     | 103      |          |
| PBD  AVW 170203              |             |             |         |        | -0.27              | 6.4               |            |                                                       |                 | -0.27        | 6.4         | -0.61      | -1.5           | 7.9             | 7             | -11.9            | -1.9          | 8.7       | 1.8    | -1.4           | 0.2  | 1.4     | 0.1      |          |
| ACACIA BEEF AVW220156                                                                                           |             |             |         |        | 63 %               | 31 %              | 27 %       | 23 %                                                  | 26 %            | 67 %         | 31 %        | 46 %       | 27 %           | 33 %            | 23%           | 36%              | 16%           | 53 %      | 45 %   | 45 %           | 42 % | 33 %    | 24 %     |          |

