

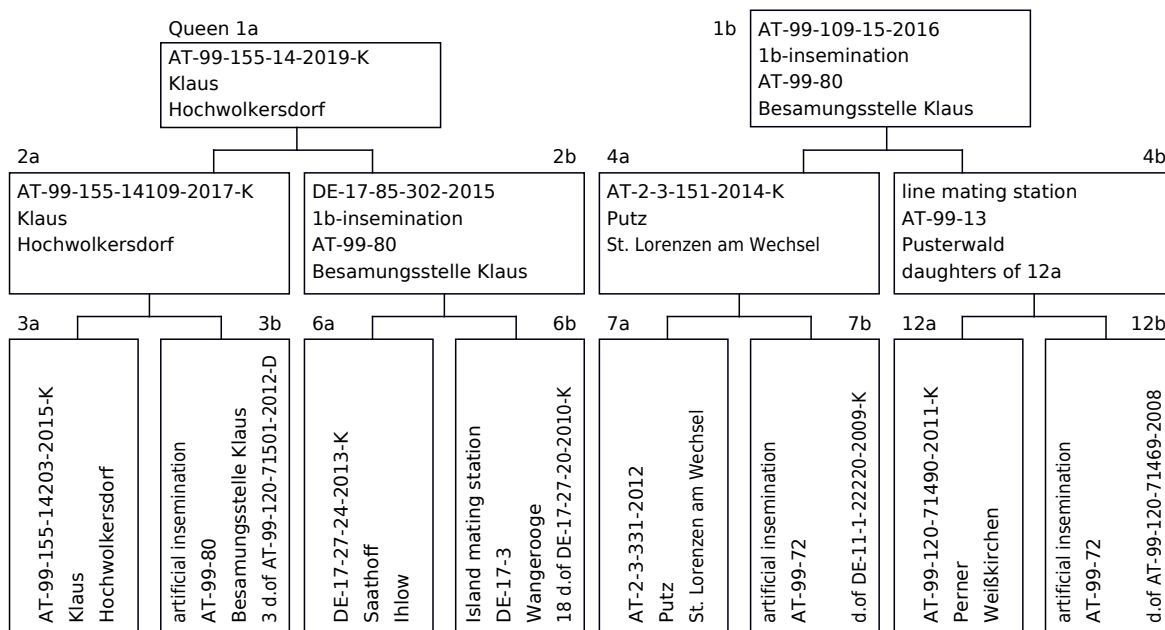
Breeding selection report

AT-99-155-14-2019-K

Tester of the queen: Klaus, Franz, 2802 Hochwolkersdorf, AT-99-155, Apiary 1
 Breeder of the queen: Klaus, Franz, 2802 Hochwolkersdorf, AT-99-155
1a Studbook number: **AT-99-155-14-2019-K**

Race line: Sign: green 60 Daughters of Queen: 1.3%
 Generation: 1 Hatch date: 08.6.2019 Workers: 3.5%

A. Pedigree



B. Own performance

| Performance test year | No. of the colony 122 | | | comparable colonies at the apiary | |
|---|-----------------------|-----------------|---------|-----------------------------------|------------------|
| | kg | % | Ranking | number | Yield average kg |
| | 27.5 | 132.3 | 4 | 12 | 20.8 |
| | Assessment* | Breeding values | | | Reliability |
| Total breeding value¹ | - | 126 | | | |
| Honey yield | - | 105 | | | 0.43 |
| Defensive behavior | 4 | 120 | | | 0.58 |
| Steadiness on comb | 4 | 115 | | | 0.58 |
| Swarming drive | 4 | 115 | | | 0.29 |
| Varroa | - | 130 | | | 0.51 |
| Performance index | - | 116 | | | 0.43 |
| Robustness in winter | 4 | | 70% | 100% | 170% |
| Development in Spring | 4 | | | | |
| Colony strength | 4 | | | | |

¹In accordance with the resolution of the breeder convention of 9th April 2011, for the total breeding value, Varroa tolerance is weighted by 40% and honey yield, gentleness, calmness during inspection, and swarming tendency are each weighted by 15%.

C. Performance of the sisters

See page 2

D. Body features, see appendix

See attached characteristic documents:

E. Results

Class Av

Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

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Performance of the sisters

Amount of checked sisters: 6

| Studbook number | Tester of the queen | Apiary | Total breeding value | Yield kg | Breeding Value Honey | Defensive behavior | Breeding Value Defensive Behavior | Calmness during inspection | Breeding Value Calmness | Swarming drive | Breeding Value Swarming | Varroa-index | Performance index |
|----------------------|---------------------|--------|----------------------|----------|----------------------|--------------------|-----------------------------------|----------------------------|-------------------------|----------------|-------------------------|--------------|-------------------|
| AT-99-109-3-2019 | AT-99-109 | 2 | 123 | | (92) | | | | | | | 131 | 110 |
| AT-99-155-14-2019-K | AT-99-155 | 1 | 126 | 27.5 | 105 | 4 | 120 | 4 | 115 | 4 | 115 | 130 | 116 |
| AT-99-155-17-2019 | AT-99-155 | 1 | 126 | 27.3 | 105 | 4 | 120 | 4 | 115 | 4 | 115 | 130 | 116 |
| AT-99-155-20-2019 | AT-99-155 | 1 | 126 | 22.7 | 103 | 4 | 120 | 4 | 115 | 4 | 115 | 131 | 115 |
| AT-99-155-15-2019 | AT-99-155 | 6 | 126 | 16.1 | 104 | 4 | 122 | 4 | 117 | 4 | 116 | (129) | 117 |
| AT-99-155-14279-2019 | IT-20-70 | 1 | 124 | | 100 | | 112 | | 107 | | 113 | 134 | 109 |