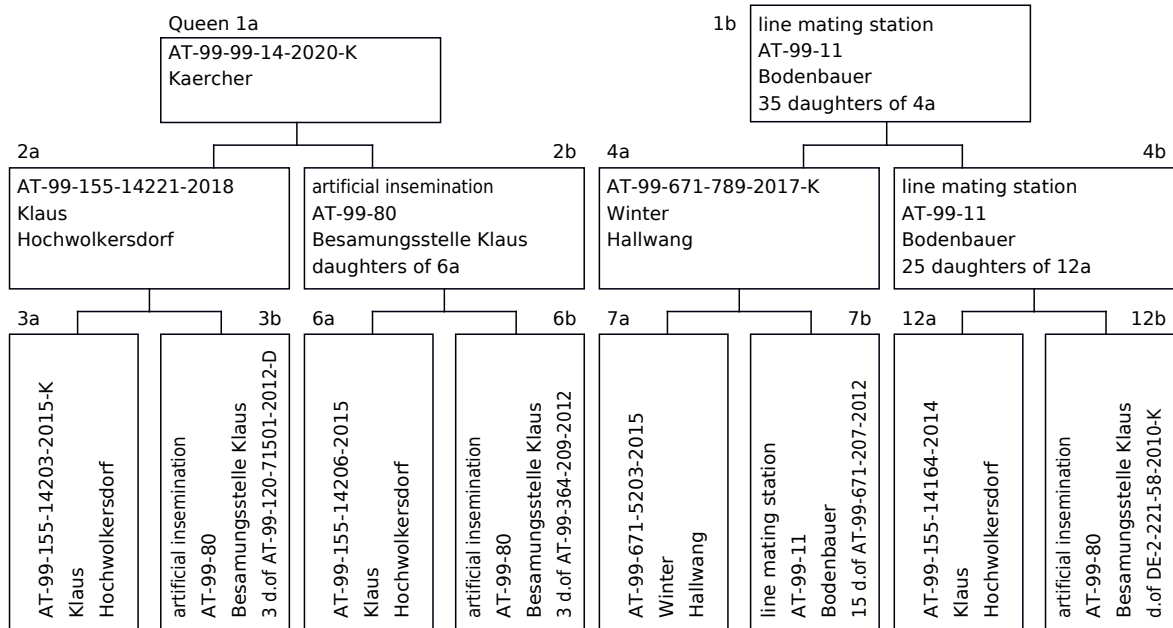


Breeding selection report

AT-99-99-14-2020-K

| | | |
|----------------------------|--|---------------------------|
| Tester of the queen: | Vikoler, Gabriel, Villnöb, IT-20-108, Apiary 1 | |
| Breeder of the queen: | Kaercher, AT-99-99 | |
| 1a Studbook number: | AT-99-99-14-2020-K | |
| Race line: | Sign: blue 59 | Daughters of Queen: 10.2% |
| Generation: | Hatch date: | Workers: 5.0% |

A. Pedigree



B. Own performance

| Performance test year | No. of the colony 33 | | | comparable colonies at the apiary | | |
|---|----------------------|-------------------------|------------|-----------------------------------|------------------|------|
| | kg | % | Ranking | number | Yield average kg | |
| | 15.9 | 115.6 | 6 | 16 | 13.8 | |
| | Assessment* | Breeding values | | | Reliability | |
| Total breeding value¹ | - | 124 | ██████████ | | | |
| Honey yield | - | 116 | ██████ | | | 0.53 |
| Defensive behavior | 4 | 125 | ██████████ | | | 0.61 |
| Steadiness on comb | 4 | 127 | ██████████ | | | 0.61 |
| Swarming drive | 4 | 105 | █ | | | 0.55 |
| Varroa | - | 120 | ██████████ | | | 0.59 |
| Performance index | - | 121 | ██████████ | | | 0.53 |
| Robustness in winter | 3.50 | 70% 100% 170% | | | | |
| Development in Spring | 3 | | | | | |
| Colony strength | 3.50 | | | | | |

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

none Analysis of race characteristics

E. Results

Class J

Breeding selection report AT-99-99-14-2020-K

Page 2

Performance of the sisters

Amount of checked sisters: 9

| 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 ndex |
|--------------------|---------------------|--------|----------------------|----------|----------------------|--------------------|-----------------------------------|----------------------------|-------------------------|----------------|-------------------------|--------------|------------------|
| AT-99-99-58-2020 | AT-99-99 | 1 | 121 | | (114) | | Behavior | | 118 | | 105 | (117) | 119 |
| AT-99-99-80-2020 | AT-99-99 | 1 | 116 | | 113 | | 112 | | 118 | | 100 | 114 | 112 |
| AT-99-99-82-2020 | AT-99-99 | 1 | 120 | | 114 | | 124 | | 124 | | 103 | 114 | 119 |
| AT-99-99-55-2020 | AT-99-377 | 1 | 119 | | 112 | | 117 | | 119 | | 101 | 118 | 114 |
| AT-99-99-32-2020 | AT-99-710 | 1 | 120 | | 112 | | 119 | | 121 | | 101 | 119 | 115 |
| AT-99-99-23-2020 | DE-6-131 | 23 | 127 | | 116 | | 131 | | 133 | | 107 | 120 | 125 |
| AT-99-99-13-2020 | IT-20-108 | 1 | 118 | 15.3 | 111 | 4 | 123 | 4 | 126 | 1 | 87 | 116 | 114 |
| AT-99-99-14-2020-K | IT-20-108 | 1 | 124 | 15.9 | 116 | 4 | 125 | 4 | 127 | 4 | 105 | 120 | 121 |
| AT-99-99-15-2020 | IT-20-118 | 1 | 120 | | 115 | | 119 | | 121 | | 103 | 116 | 117 |