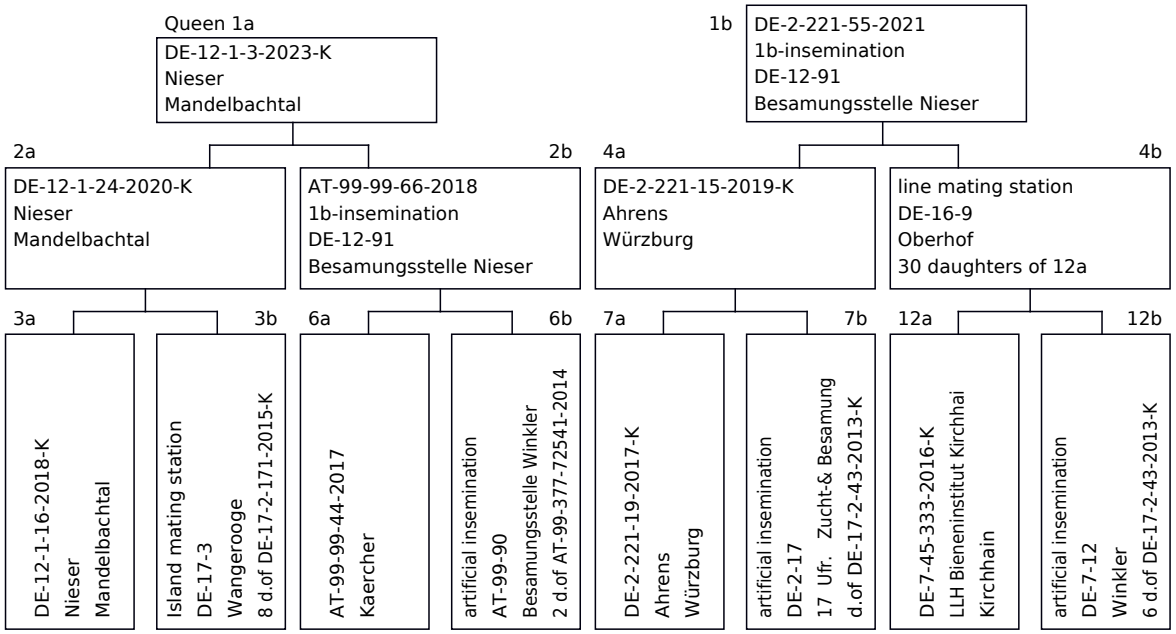
# Breeding selection report
# DE-12-1-3-2023-K

| | | |
|---|---|---|
| Tester of the queen: | Nieser, Frank, 66399 Mandelbachtal, DE-12-1, Apiary 1 | |
| Breeder of the queen: | Nieser, Frank, 66399 Mandelbachtal, DE-12-1 | |
| **1a** Studbook number: | **DE-12-1-3-2023-K** | |
| | | Daughters of |
| Race line: -C-Saar | Sign: red 3 | Queen: 2.5% |
| Generation: 14 | Hatch date: 01.062023 | Workers: 2.5% |

## A. Pedigree




## B. Own performance

| | No. of the colony 8 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 38 | 139.9 | 1 | 15 | 27.2 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 125 | |
| Honey yield | - | 123 | 0.48 |
| Defensive behavior | 3.80 | 118 | 0.6 |
| Steadiness on comb | 3.80 | 117 | 0.6 |
| Swarming drive | 4 | 122 | 0.44 |
| Varroa | - | 118 | 0.54 |
| Performance index | - | 124 | 0.48 |
| Robustness in winter | | | |
| Development in Spring | | | |
| Colony strength | | | |

70% 100% 170%

[1]In 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.

16.05.2025

For the correctness DE-12

# Breeding selection report DE-12-1-3-2023-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 8

| 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 during inspection | Swarming drive | Breeding Value Swarming drive | Varroa-index | Performance ndex |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE-12-1-5-2023** | DE-9-2 | 2 | 120 | | (117) | | (116) | | (115) | | (119) | (113) | 120 |
| DE-12-1-8-2023 | DE-9-2 | 2 | 120 | | 116 | | 116 | | 115 | | 122 | 111 | 121 |
| DE-12-1-7-2023 | DE-9-2 | 3 | 121 | | 118 | | 117 | | 116 | | 122 | 113 | 122 |
| DE-12-1-1-2023 | DE-12-1 | 1 | 120 | 29 | 118 | 3.3 | 114 | 3.3 | 113 | 4 | 118 | 115 | 119 |
| DE-12-1-2-2023 | DE-12-1 | 1 | 121 | 23 | 115 | 3.6 | 117 | 3.6 | 116 | 4 | 118 | 115 | 120 |
| DE-12-1-3-2023-K | DE-12-1 | 1 | 125 | 38 | 123 | 3.8 | 118 | 3.8 | 117 | 4 | 122 | 118 | 124 |
| DE-12-1-4-2023 | DE-12-1 | 1 | 122 | 25 | 116 | 3.8 | 119 | 3.8 | 118 | 4 | 119 | 115 | 122 |
| DE-12-1-6-2023 | DE-12-1 | 1 | 118 | 29 | 118 | 3.4 | 115 | 3.4 | 114 | 4 | 119 | 109 | 119 |

Colony without performance tests