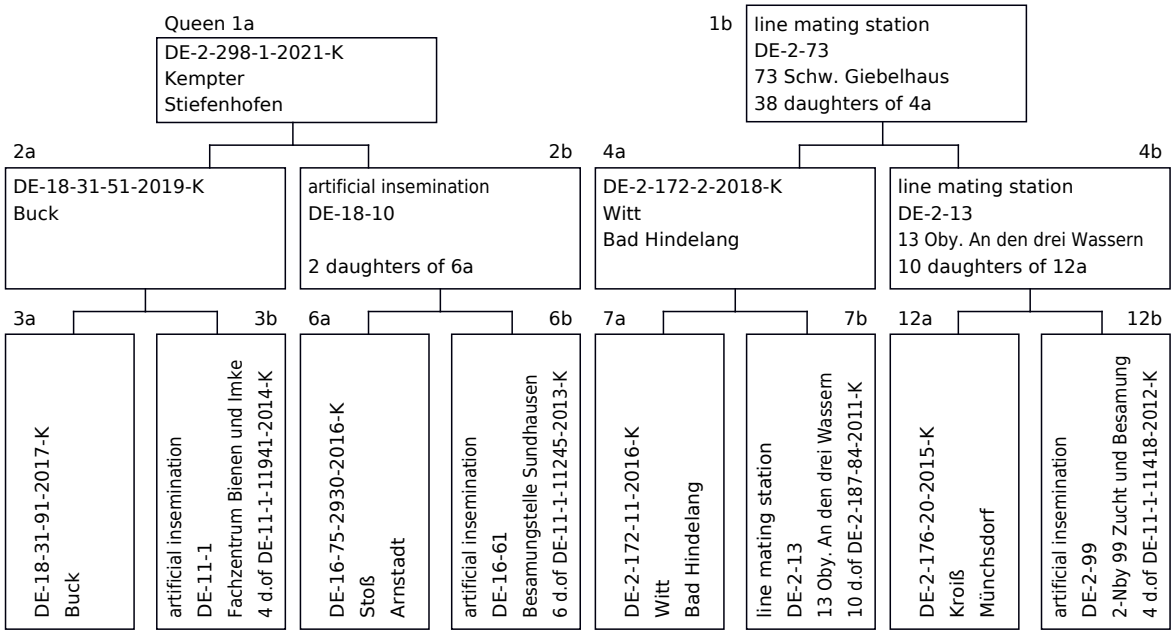
# Breeding selection report
# DE-2-298-1-2021-K

DEUTSCHER IMKERBUND E.V.

LVBI

| | | |
|---|---|---|
| Tester of the queen: | Kempter, Martin, 88167 Stiefenhofen, DE-2-298, Apiary 1 | |
| Breeder of the queen: | Kempter, Martin, 88167 Stiefenhofen, DE-2-298 | |
| **1a** Studbook number: | **DE-2-298-1-2021-K** | |
| | | Daughters of |
| Race line: | Sign: white | Queen: 4.7% |
| Generation: | Hatch date: 22.06.2021 | Workers: 1.6% |

## A. Pedigree




## B. Own performance

| | No. of the colony | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 19.5 | 139.5 | 1 | 9 | 14.0 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 117 | |
| Honey yield | - | 117 | 0.41 |
| Defensive behavior | 3.80 | 116 | 0.5 |
| Steadiness on comb | 3.60 | 114 | 0.5 |
| Swarming drive | 4 | 104 | 0.44 |
| Varroa | - | 114* | 0.45 |
| Performance index | - | 115 | 0.41 |
| 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%.

Only one Varroa trait was recorded

## C. Performance of the sisters

See page 2

## D. Body features, see appendix

none Analysis of race characteristics

## E. Results

**Class A**

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

12.01.2024

For the correctness DE-2

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## Performance of the sisters

Amount of checked sisters: 10

| 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-2-298-316-2021 | DE-2-287 | 1 | 109 | | 107 | | 111 | | 109 | | 100 | 105 | 108 |
| DE-2-298-322-2021 | DE-2-287 | 1 | 111 | | 109 | | 111 | | 109 | | 101 | 110 | 108 |
| DE-2-298-1-2021-K | DE-2-298 | 1 | 117 | 19.5 | 117 | 3.8 | 116 | 3.6 | 114 | 4 | 104 | 114* | 115 |
| DE-2-298-2-2021 | DE-2-298 | 1 | 111 | 13.5 | 111 | 3.5 | 114 | 3.5 | 113 | 4 | 104 | 104* | 112 |
| DE-2-298-3-2021 | DE-2-298 | 1 | 111 | 11.9 | 109 | 3.6 | 114 | 3.4 | 113 | 4 | 104 | 105* | 111 |
| DE-2-298-4-2021 | DE-2-298 | 1 | 106 | 8.8 | 105 | 3.5 | 110 | 3 | 108 | 1 | 87 | (107) | 103 |
| DE-2-298-5-2021 | DE-2-298 | 1 | 111 | 15.3 | 112 | 3.6 | 114 | 3.5 | 113 | 4 | 104 | 105* | 113 |
| DE-2-298-6-2021 | DE-2-298 | 1 | 112 | 13.8 | 111 | 3.6 | 114 | 3.4 | 112 | 4 | 104 | 106* | 112 |
| DE-2-298-7-2021 | DE-2-298 | 1 | 112 | 12.2 | 109 | 3.5 | 114 | 3.5 | 113 | 4 | 104 | 108* | 112 |
| DE-2-298-8-2021 | DE-2-298 | 1 | 113 | 15.3 | 112 | 3.6 | 114 | 3.5 | 113 | 4 | 104 | 109* | 113 |

Only one Varroa trait was recorded