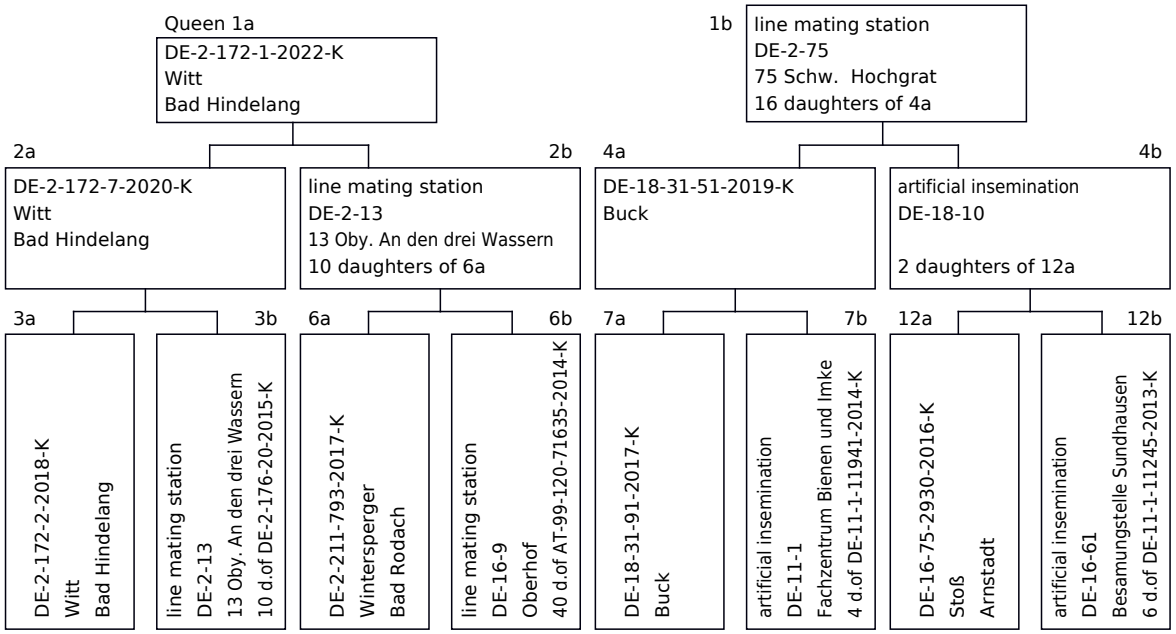
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-2-172-1-2022-K

LVBI

| | | |
|---|---|---|
| Tester of the queen: | Witt, Hans Bernhard, 87541 Bad Hindelang, DE-2-172, Apiary 1 | |
| Breeder of the queen: | Witt, Hans Bernhard, 87541 Bad Hindelang, DE-2-172 | |
| **1a** Studbook number: | **DE-2-172-1-2022-K** | |
| | | Daughters of |
| Race line: -1 | Sign: yellow | Queen: 0.9% |
| Generation: 9 | Hatch date: 10.06.2022 | Workers: 1.4% |

## A. Pedigree




## B. Own performance

| | No. of the colony | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 42 | 163.6 | 1 | 12 | 25.7 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 118 | |
| Honey yield | - | 120 | 0.4 |
| Defensive behavior | 4 | 121 | 0.5 |
| Steadiness on comb | 4 | 121 | 0.5 |
| Swarming drive | 4 | 115 | 0.38 |
| Varroa | - | 105* | 0.38 |
| Performance index | - | 123 | 0.4 |
| Robustness in winter | 4 | | |
| Development in Spring | 4 | | |
| Colony strength | 4 | | |

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).

16.02.2024

For the correctness DE-2

# Breeding selection report DE-2-172-1-2022-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 20

| Studbook number | Tester of the queen | Apiary | Total breeding value | Yield kg | Breeding Value Honey | Defensive behavior | Breeding Value Defensive | Calmness during inspection | Breeding Value Calmness | Swarming drive | Breeding Value Swarming | Varroa-index | Performance ndex |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE-2-172-1-2022-K | DE-2-172 | 1 | 118 | 42 | 120 | 4 | 121 | 4 | 121 | 4 | 115 | 105* | 123 |
| DE-2-172-2-2022 | DE-2-172 | 1 | 112 | 29 | 113 | 2.8 | 109 | 3.5 | 112 inspection | 4 | 110 | (105) | 113 |
| DE-2-172-3-2022 | DE-2-172 | 1 | 113 | 22 | 110 | 3.5 | 115 | 3.5 | 115 | 4 | 111 | (105) | 115 |
| DE-2-172-4-2022 | DE-2-172 | 1 | 110 | 26 | 111 | 3 | 108 | 3 | 108 | 4 | 109 | (105) | 111 |
| DE-2-172-5-2022 | DE-2-172 | 1 | 110 | 24 | 110 | 2.8 | 107 | 3 | 107 | 4 | 108 | (105) | 109 |
| DE-2-172-6-2022 | DE-2-172 | 1 | 111 | 29 | 112 | 3 | 108 | 3 | 108 | 4 | 109 | (105) | 111 |
| DE-2-172-7-2022 | DE-2-172 | 1 | 113 | 18 | 108 | 3.5 | 116 | 3.5 | 115 | 4 | 111 | (105) | 115 |
| DE-2-172-8-2022 | DE-2-172 | 1 | 110 | 28 | 112 | 3 | 108 | 3 | 108 | 4 | 109 | (105) | 111 |
| DE-2-172-9-2022 | DE-2-172 | 1 | 110 | 22 | 109 | 3 | 109 | 3 | 108 | 4 | 108 | (105) | 110 |
| DE-2-172-10-2022 | DE-2-172 | 1 | 110 | 28 | 112 | 3 | 108 | 3 | 108 | 4 | 109 | (105) | 111 |
| DE-2-172-11-2022 | DE-2-172 | 1 | 112 | 28 | 113 | 3 | 111 | 3.5 | 113 | 4 | 110 | (105) | 114 |
| DE-2-172-12-2022 | DE-2-172 | 1 | 112 | 12 | 105 | 3.5 | 116 | 3.5 | 115 | 4 | 110 | (105) | 114 |
| DE-2-172-13-2022 | DE-2-172 | 2 | 111 | 20 | 111 | 3 | 109 | 3 | 109 | 4 | 109 | (105) | 111 |
| DE-2-172-14-2022 | DE-2-172 | 2 | 110 | 16 | 108 | 2.8 | 108 | 3 | 108 | 4 | 108 | (105) | 110 |
| DE-2-172-15-2022 | DE-2-172 | 2 | 115 | 26 | 115 | 3.5 | 116 | 3.5 | 116 | 4 | 112 | (105) | 117 |
| DE-2-172-16-2022 | DE-2-172 | 2 | 110 | 17 | 109 | 3 | 109 | 3 | 109 | 4 | 109 | (105) | 111 |
| DE-2-172-17-2022 | DE-2-172 | 2 | 115 | 28 | 116 | 3.5 | 115 | 3.5 | 116 | 4 | 112 | (105) | 118 |
| DE-2-172-18-2022 | DE-2-172 | 2 | 115 | 28 | 116 | 3.5 | 115 | 3.5 | 116 | 4 | 112 | (105) | 118 |
| DE-2-172-19-2022 | DE-2-172 | 2 | 110 | 16 | 108 | 3 | 109 | 3 | 109 | 4 | 109 | (105) | 110 |
| DE-2-172-20-2022 | DE-2-172 | 2 | 110 | 14 | 107 | 3 | 109 | 3 | 109 | 4 | 108 | (105) | 110 |

Only one Varroa trait was recorded