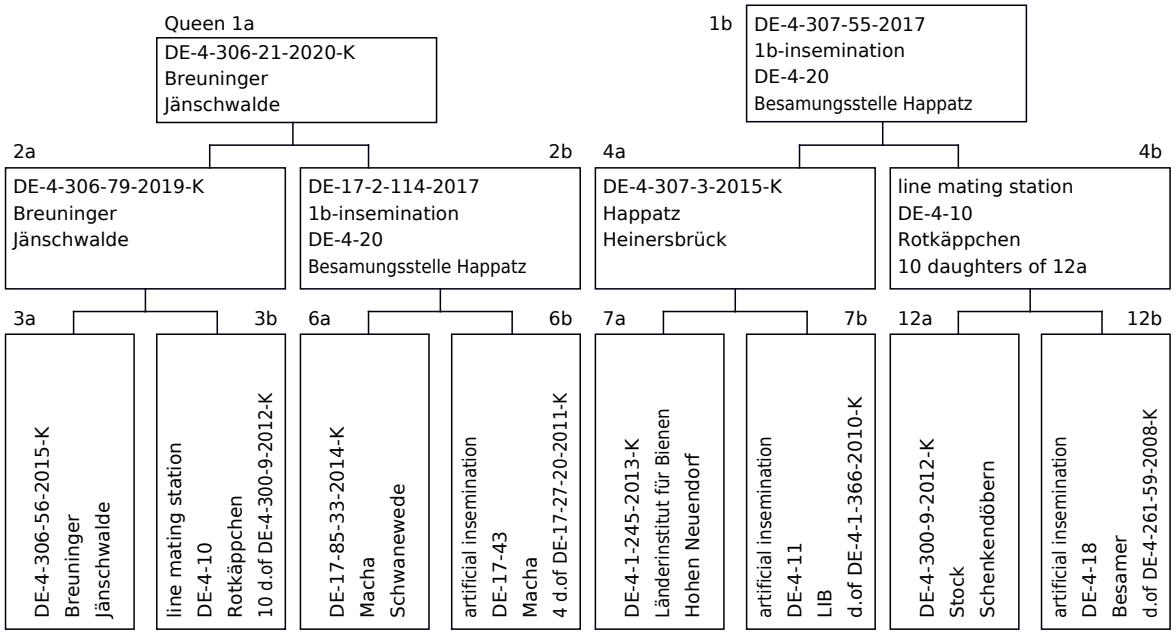
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-4-306-21-2020-K

| | | |
|---|---|---|
| Tester of the queen: | Breuninger, Hans Jörg, 03197 Jänschwalde, DE-4-306, Apiary 9 | |
| Breeder of the queen: | Breuninger, Hans Jörg, 03197 Jänschwalde, DE-4-306 | |
| **1a** Studbook number: | **DE-4-306-21-2020-K** | |
| | | Daughters of |
| Race line: -4-10 | Sign: blue 1 | Queen: 0.0% |
| Generation: 4 | Hatch date: | Workers: 6.0% |

## A. Pedigree




## B. Own performance

| | No. of the colony | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | | | | 0 | |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 124 | |
| Honey yield | - | (121) | 0.37 |
| Defensive behavior | 4 | 124 | 0.54 |
| Steadiness on comb | 4 | 129 | 0.55 |
| Swarming drive | 4 | 117 | 0.48 |
| Varroa | - | 111* | 0.49 |
| Performance index | - | 126 | 0.38 |
| Robustness in winter | | | |
| 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

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.

19.04.2022

For the correctness DE-4

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## Page 2

## Performance of the sisters

Amount of checked sisters: 5

| 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-4-306-20-2020 | DE-4-306 | 1 | 120 | 50 | 119 | 4 | 120 | 4 | 125 | 4 | 115 | 109 | 123 |
| DE-4-306-19-2020-K | DE-4-306 | 9 | 124 | | (121) | 4 | 124 | 4 | 129 | 4 | 117 | 111* | 126 |
| DE-4-306-21-2020-K | DE-4-306 | 9 | 124 | | (121) | 4 | 124 | 4 | 129 | 4 | 117 | 111* | 126 |
| DE-4-307-436-2020 | DE-4-307 | 7 | 115 | | 117 | | 112 | | 116 | | 114 | 107 | 117 |
| DE-4-307-441-2020 | DE-4-307 | 7 | 114 | | 112 | | 114 | | 118 | | 110 | 106 | 116 |

Only one Varroa trait was recorded