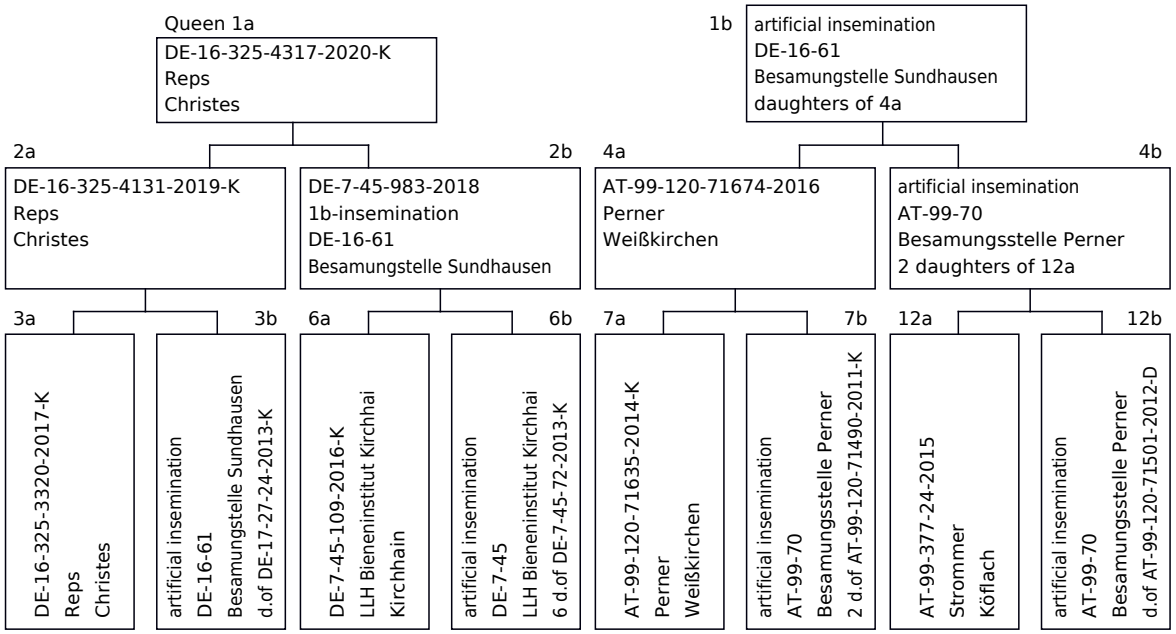
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-16-325-4317-2020-K

| | | |
|---|---|---|
| Tester of the queen: | Bauersachs, Karl-Heinz, 96528 Seltendorf, DE-16-318, Apiary 2 | |
| Breeder of the queen: | Reps, Thomas, 98547 Christes, DE-16-325 | |
| **1a** Studbook number: | **DE-16-325-4317-2020-K** | |
| | | Daughters of |
| Race line: | Sign: blue 54 | Queen: 1.3% |
| Generation: | Hatch date: | Workers: 5.5% |

## A. Pedigree




## B. Own performance

| | No. of the colony | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 52.2 | 181.8 | 1 | 10 | 28.7 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 122 | |
| Honey yield | - | 120 | 0.56 |
| Defensive behavior | 3.70 | 110 | 0.66 |
| Steadiness on comb | 3.60 | 114 | 0.65 |
| Swarming drive | 4 | 122 | 0.57 |
| Varroa | - | 119 | 0.64 |
| Performance index | - | 119 | 0.56 |
| Robustness in winter | | | |
| Development in Spring | | | |
| Colony strength | 3.80 | | |

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.

20.10.2022

For the correctness DE-16

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## Page 2

## Performance of the sisters

Amount of checked sisters: 7

| 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-16-325-4317-2020-K | DE-16-318 | 2 | 122 | 52.2 | 120 | 3.7 | 110 | 3.6 | 114 | 4 | 122 | 119 | 119 |
| DE-16-325-4320-2020 | DE-16-325 | 9 | 122 | | 118 | | 110 | | 114 inspection | | 122 | 119 | 118 |
| DE-16-325-4326-2020 | DE-16-325 | 9 | 122 | | 118 | | 109 | | 113 | | 122 | 118 | 118 |
| DE-16-325-4325-2020 | DE-16-336 | 12 | 122 | | 118 | | 109 | | 113 | | 122 | 119 | 118 |
| DE-16-325-4319-2020 | DE-16-337 | 11 | 121 | | 119 | | 110 | | 114 | | 122 | 117 | 119 |
| DE-16-325-4318-2020-K | DE-16-351 | 6 | 123 | | 119 | | 110 | | 115 | | 122 | 120 | 119 |
| DE-16-325-4315-2020 | DE-16-358 | 1 | 120 | | 116 | | 106 | | 111 | | 120 | 119 | 115 |