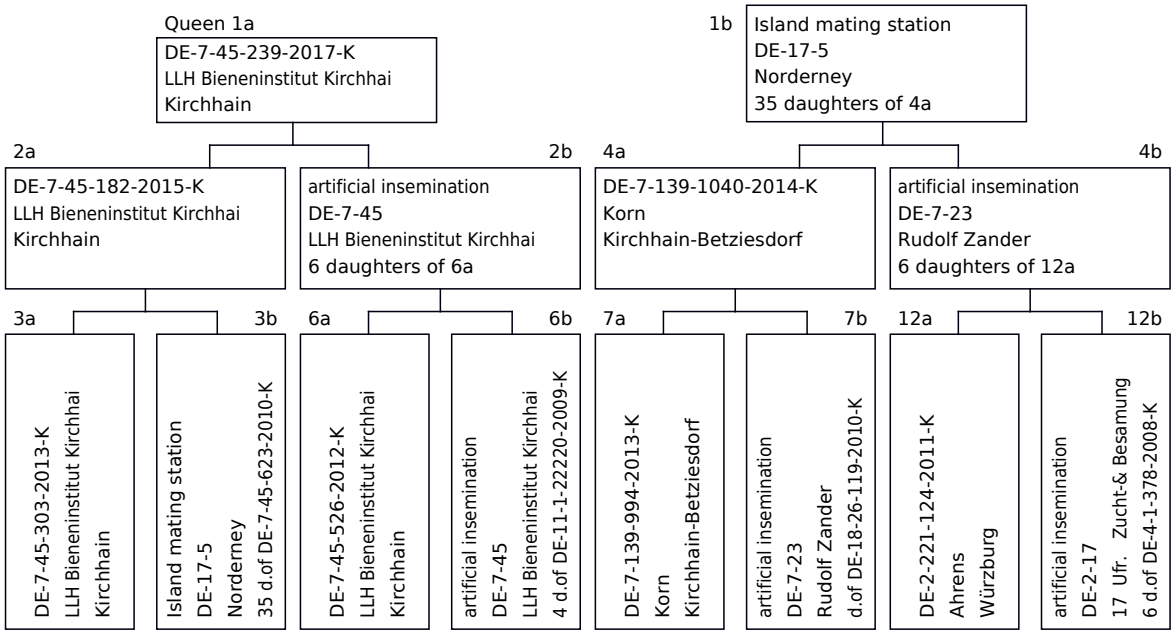
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-7-45-239-2017-K

Landesverband Hessischer Imker e.V.

| | | |
|---|---|---|
| Tester of the queen: | LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45, Apiary 1 | |
| Breeder of the queen: | LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45 | |
| **1a** Studbook number: | **DE-7-45-239-2017-K** | |
| | | Daughters of |
| Race line: -1 | Sign: yellow 58- | Queen: 5.1% |
| Generation: 7 | Hatch date: 29.05.2017 | Workers: 1.5% |

## A. Pedigree




## B. Own performance

| | No. of the colony 247 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 53.4 | 121.9 | 6 | 20 | 43.8 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 110 | |
| Honey yield | - | 112 | 0.42 |
| Defensive behavior | 2.70 | 106 | 0.64 |
| Steadiness on comb | 2.60 | 109 | 0.64 |
| Swarming drive | 3.00 | 103 | 0.39 |
| Varroa | - | 106 | 0.37 |
| Performance index | - | 0 | |
| 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

none Analysis of race characteristics

## 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.

02.04.2019

For the correctness DE-7

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## Page 2

## 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 | Calmness during inspection | Breeding Value Calmness | Swarming drive | Breeding Value Swarming | Varroa-index | Performance ndex |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE-7-45-239-2017-K | DE-7-45 | 1 | 110 | 53.4 | 112 | 2.7 | 106 | 2.6 | 109 | 3.0 | 103 | 106 | |
| DE-7-45-236-2017 | DE-7-45 | 3 | 107 | 81.0 | 120 | 2.4 | 93 | 2.6 | 98 | 4.0 | 114 | 103 | |
| DE-7-45-237-2017-K | DE-7-45 | 4 | 110 | 66.4 | 113 | 2.9 | 114 | 2.5 | 111 | 4.0 | 116 | 94 | |
| DE-7-45-241-2017 | DE-7-166 | 1 | 87 | | 96 | | 74 | | 73 | | 92 | 96 | 81 |
| DE-7-45-242-2017-K | DE-16-312 | 1 | 119 | | 110 | | 116 | | 116 | | 109 | 115 | |

inspection