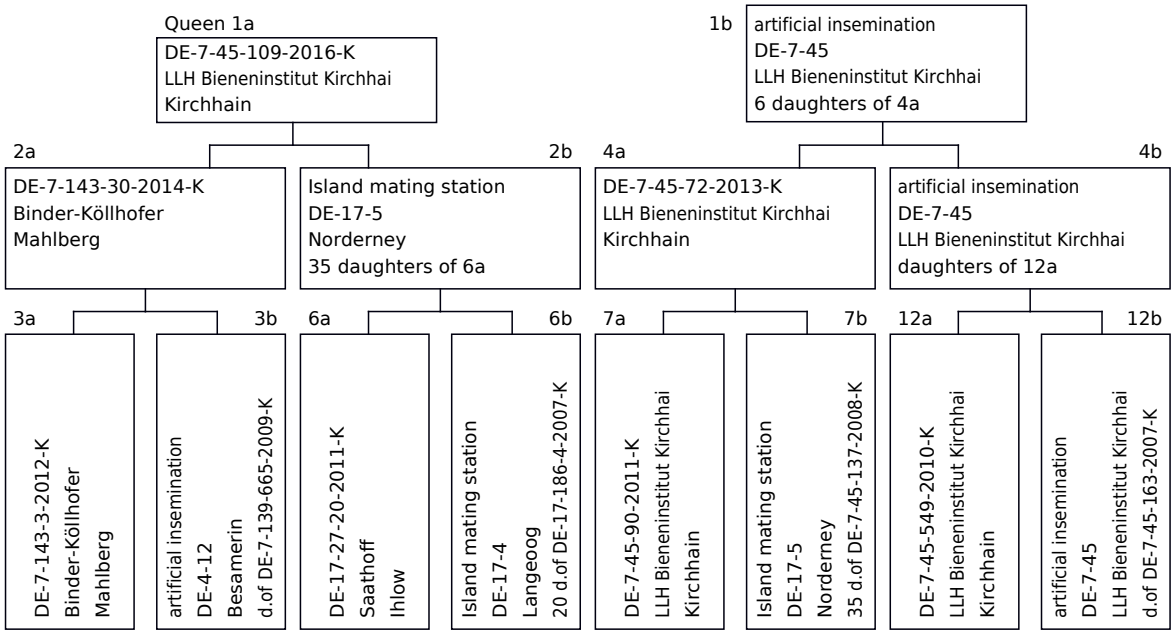
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-7-45-109-2016-K

Landesverband Hessischer Imker e.V.

| | | |
|---|---|---|
| Tester of the queen: | LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45, Apiary 4 | |
| Breeder of the queen: | LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45 | |
| **1a** Studbook number: | **DE-7-45-109-2016-K** | |
| | | Daughters of |
| Race line: -1 | Sign: white 65- | Queen: 1.5% |
| Generation: 1 | Hatch date: 23.05.2016 | Workers: 2.3% |

## A. Pedigree




## B. Own performance

| | No. of the colony 393 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 70.8 | 120.4 | 6 | 18 | 58.8 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 118 | |
| Honey yield | - | 119 | 0.42 |
| Defensive behavior | 2.40 | 91 | 0.64 |
| Steadiness on comb | 2.40 | 96 | 0.64 |
| Swarming drive | 2.00 | 91 | 0.38 |
| Varroa | - | 138 | 0.33 |
| 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

See attached characteristic documents:

## E. Results

**Class P**
Use only for test breeding. The offspring of these colonies should not circulate among other bees.

16.04.2018

For the correctness DE-7

# Breeding selection report DE-7-45-109-2016-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 2

| 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 | Swarming drive | Breeding Value Swarming drive | Varroa-index | Performance ndex |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE-7-45-106-2016 | DE-7-45 | 1 | 121 | 34.5 | 100 | 2.4 | 99 | 2.3 | 102 | 4.0 | 115 | 137 | |
| DE-7-45-109-2016 | DE-7-45 | 4 | 118 | 70.8 | 119 | 2.4 | 91 | 2.4 | 96 | 2.0 | 91 | 138 | |