DEUTSCHER IMKERBUND E.V.

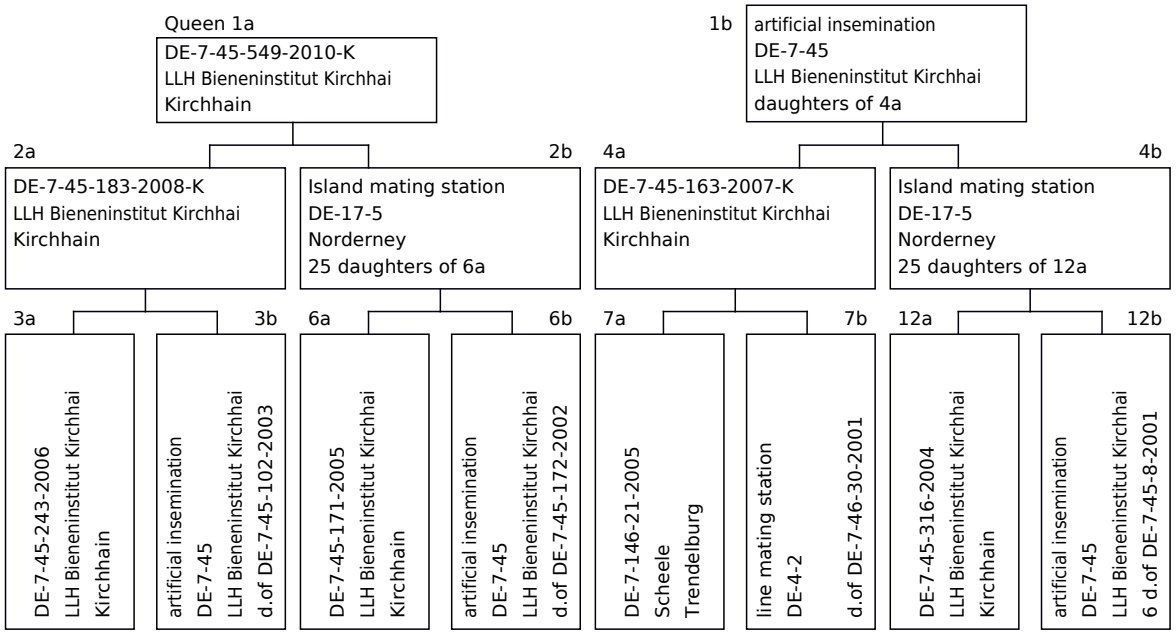
# Breeding selection report
# DE-7-45-549-2010-K

Landesverband Hessischer Imker e.V.

| | |
|---|---|
| Tester of the queen: | LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45, Apiary 3 |
| Breeder of the queen: | LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45 |
| **1a** Studbook number: | **DE-7-45-549-2010-K** |
| Race line: -1 | Sign: blue 29- |
| Generation: 4 | Hatch date: 31.05.2010 |

Daughters of
Queen: 0.5%
Workers: 1.4%

## A. Pedigree




## B. Own performance

| | No. of the colony 400 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 67.6 | 105.7 | 11 | 19 | 64.0 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 117 | |
| Honey yield | - | 105 | 0.43 |
| Defensive behavior | 2.50 | 106 | 0.65 |
| Steadiness on comb | 2.60 | 105 | 0.67 |
| Swarming drive | 3 | 105 | 0.43 |
| Varroa | - | 125 | 0.54 |
| 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.

04.05.2012

For the correctness DE-7

# Breeding selection report DE-7-45-549-2010-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 4

| 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-7-45-548-2010 | DE-7-45 | 2 | 114 | 17 | 86 | 2.9 | 108 | 2.5 | 104 | 4 | 109 | 124 | |
| DE-7-45-549-2010-K | DE-7-45 | 3 | 117 | 67.6 | 105 | 2.5 | 106 | 2.6 | 105 | 3 | 105 | 125 | |
| DE-7-45-550-2010 | DE-7-310 | 1 | 108 | | 98 | | 95 | | 93 | | 101 | 121 | |
| DE-7-45-551-2010 | DE-13-377 | 1 | 104 | | 86 | | 102 | | 100 | | 93 | (115) | |