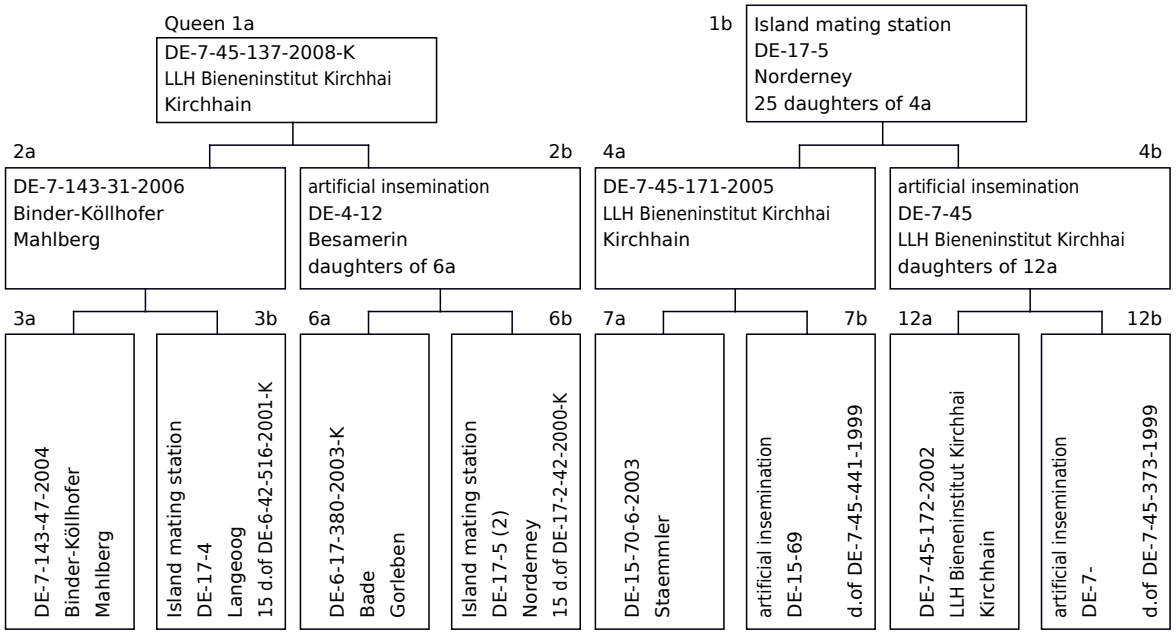
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-7-45-137-2008-K

Landesverband Hessischer Imker e.V.

| | | |
|---|---|---|
| Tester of the queen: | LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45, Apiary 2 | |
| Breeder of the queen: | LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45 | |
| **1a** Studbook number: | **DE-7-45-137-2008-K** | |
| | | Daughters of |
| Race line: -1 | Sign: red 33- | Queen: 2.1% |
| Generation: 1 | Hatch date: 26.05.2008 | Workers: 0% |

## A. Pedigree




## B. Own performance

| | No. of the colony 13 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 37.7 | 156.7 | 3 | 17 | 24.1 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 115 | |
| Honey yield | - | 115 | 0.49 |
| Defensive behavior | 2.30 | 102 | 0.66 |
| Steadiness on comb | 2 | 101 | 0.68 |
| Swarming drive | 4 | 107 | 0.49 |
| Varroa | - | 119 | 0.58 |
| 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.

04.05.2010

For the correctness DE-7

# Breeding selection report DE-7-45-137-2008-K

## 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 Behavior | Calmness during inspection | Breeding Value Calmness during inspection | Swarming drive | Breeding Value Swarming drive | Varroa-index | Performance ndex |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE-7-45-150-2008 | DE-6-111 | 1 | 117 | | 107 | | 109 | | 108 | | 110 | 121 | |
| DE-7-45-127-2008 | DE-7-45 | 1 | 105 | 44.9 | 107 | 2.7 | 107 | 2.4 | 109 | 4 | 113 | 97 | |
| DE-7-45-129-2008 | DE-7-45 | 1 | 133 | 58.5 | 119 | 3.2 | 125 | 2.8 | 124 | 4 | 119 | 131 | |
| DE-7-45-136-2008 | DE-7-45 | 2 | 90 | 0 | 90 | 2.2 | 102 | 2.1 | 103 | 4 | 107 | 80 | |
| DE-7-45-137-2008-K | DE-7-45 | 2 | 115 | 37.7 | 115 | 2.3 | 102 | 2 | 101 | 4 | 107 | 119 | |
| DE-7-45-135-2008 | DE-7-45 | 3 | 108 | 26.8 | 99 | 2.5 | 103 | 2.3 | 102 | 4 | 104 | 114 | |
| DE-7-45-141-2008-K | DE-7-45 | 3 | 104 | 37.2 | 105 | 2.4 | 102 | 2.3 | 102 | 4 | 107 | 102 | |
| DE-7-45-143-2008 | DE-7-45 | 4 | 111 | 5.4 | 85 | 2.8 | 109 | 2.3 | 106 | 4 | 101 | 120 | |
| DE-7-45-134-2008 | DE-7-302 | 1 | 110 | | 105 | | 97 | | 95 | | 99 | 121 | |
| DE-11-13-15-2008 | DE-11-13 | 1 | 103 | | 103 | | 103 | | 100 | | 107 | (101) | |