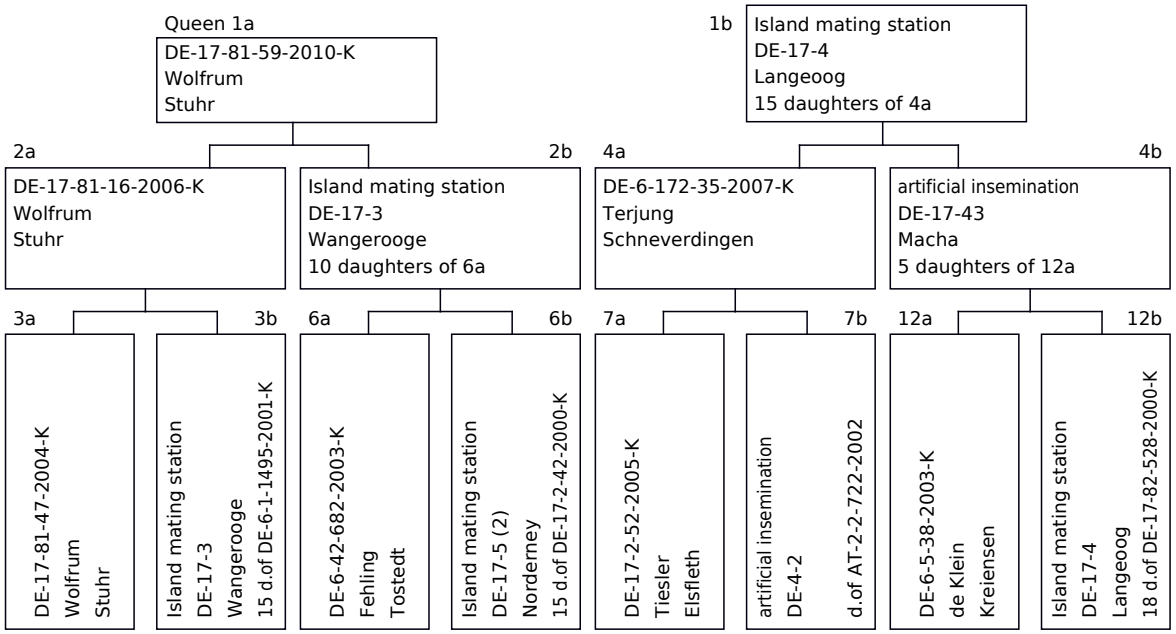
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-17-81-59-2010-K

LANDESVERBAND DER IMKER WESER-EMS e.V.

| | | |
|---|---|---|
| Tester of the queen: | Wolfrum, Heiner, Stuhr, DE-17-81, Apiary 2 | |
| Breeder of the queen: | Wolfrum, Heiner, Stuhr, DE-17-81 | |
| **1a** Studbook number: | **DE-17-81-59-2010-K** | |
| | | Daughters of |
| Race line: -20 | Sign: blue 55 | Queen: 0.3% |
| Generation: 7 | Hatch date: 8.6.2010 | Workers: 0.5% |

## A. Pedigree




## B. Own performance

| | No. of the colony 33 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 66.5 | 148.3 | 1 | 8 | 44.8 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 122 | |
| Honey yield | - | 119 | 0.39 |
| Defensive behavior | 4 | 108 | 0.59 |
| Steadiness on comb | 4 | 107 | 0.62 |
| Swarming drive | 4 | 119 | 0.4 |
| Varroa | - | 123 | 0.5 |
| Performance index | - | 0 | |
| Robustness in winter | 3 | | |
| Development in Spring | 3 | | |
| Colony strength | 3.50 | | |

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.

22.06.2012

For the correctness DE-17

# Breeding selection report DE-17-81-59-2010-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 8

| 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-17-81-59-2010-K | DE-17-81 | 2 | 122 | 66.5 | 119 | 4 | 108 | 4 | 107 | 4 | 119 | 123 | |
| DE-17-81-62-2010 | DE-17-81 | 2 | 105 | 18.2 | 88 | 4 | 103 | 3.9 | 101 inspection | 3 | 96 | 115 | |
| DE-17-105-4-2010 | DE-17-105 | 1 | 107 | | 104 | | 90 | | 88 | | 101 | 120* | |
| DE-17-105-6-2010 | DE-17-105 | 1 | 99 | | 91 | | 88 | | 86 | | 99 | (111) | |
| DE-17-105-7-2010 | DE-17-105 | 1 | 101 | | 99 | | 88 | | 86 | | 101 | (112) | |
| DE-17-105-8-2010 | DE-17-105 | 1 | 113 | | 101 | | 101 | | 99 | | 105 | 122* | |
| DE-17-81-69-2010 | DE-17-181 | 1 | 105 | | 100 | | 99 | | 99 | | 106 | 107 | |
| DE-17-81-70-2010 | DE-17-181 | 1 | 97 | | 87 | | 85 | | 83 | | 94 | 114 | |

Only one Varroa trait was recorded