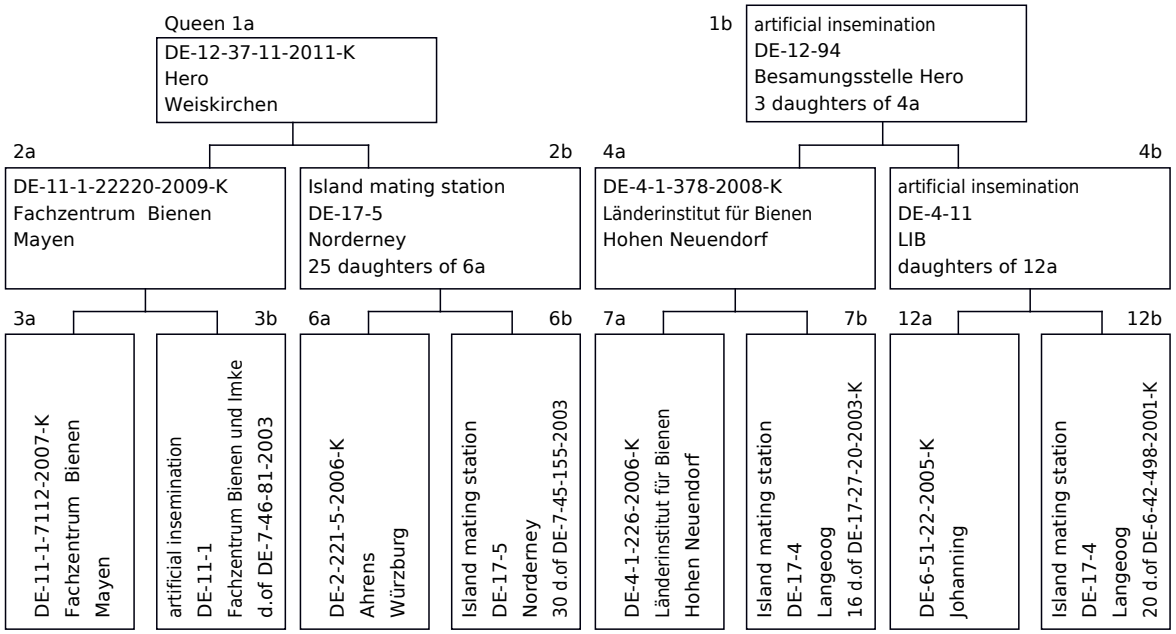
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-12-37-11-2011-K

LANDESVERBAND SAARLÄNDISCHER IMKER E.V.

| | | |
|---|---|---|
| Tester of the queen: | Endres, Karl, 66687 Wadern, DE-12-36, Apiary 1 | |
| Breeder of the queen: | Hero, Horst, 66709 Weiskirchen, DE-12-37 | |
| **1a** Studbook number: | **DE-12-37-11-2011-K** | |
| | | Daughters of |
| Race line: | Sign: white 12 | Queen: 0.3% |
| Generation: 1 | Hatch date: 31.05.2011 | Workers: 0.1% |

## A. Pedigree




## B. Own performance

| | No. of the colony Volk Nr.13 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 36 | 140.5 | 1 | 8 | 25.6 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 141 | |
| Honey yield | - | 123 | 0.41 |
| Defensive behavior | 3.90 | 137 | 0.59 |
| Steadiness on comb | 4 | 137 | 0.62 |
| Swarming drive | 3.90 | 125 | 0.42 |
| Varroa | - | 132 | 0.51 |
| Performance index | - | 0 | |
| Robustness in winter | 3.50 | | |
| Development in Spring | 4 | | |
| Colony strength | 4 | | |

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.

02.07.2013

For the correctness DE-12

# Breeding selection report DE-12-37-11-2011-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 13

| 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-12-37-31-2011-K | DE-11-61 | 1 | 116 | | 109 | | 111 | | 111 | | 104 | 117 | |
| DE-12-37-11-2011-K | DE-12-36 | 1 | 141 | 36 | 123 | 3.9 | 137 | 4 | 137 | 3.9 | 125 | 132 | |
| DE-12-37-9-2011 | DE-12-37 | 1 | 119 | | 111 | | 112 | | 111 | | 111 | 119 | |
| DE-12-37-12-2011 | DE-12-37 | 1 | 104 | | 84 | | 110 | | 109 | | 93 | 110 | |
| DE-12-37-13-2011-K | DE-12-37 | 1 | 131 | | 116 | | 127 | | 125 | | 118 | 127 | |
| DE-12-37-30-2011 | DE-12-37 | 1 | 97 | | 111 | | 96 | | 98 | | 97 | 94 | |
| DE-12-37-37-2011 | DE-12-37 | 2 | 109 | | 101 | | 105 | | 105 | | 101 | 112 | |
| DE-12-37-27-2011 | DE-12-38 | 1 | 123 | | 113 | | 124 | | 125 | | 116 | (115) | |
| DE-12-37-32-2011 | DE-12-38 | 1 | 109 | | 102 | | 105 | | 105 | | 106 | (110) | |
| DE-12-37-33-2011 | DE-12-38 | 1 | 110 | | 101 | | 114 | | 115 | | 96 | (109) | |
| DE-12-38-1-2011 | DE-12-38 | 1 | 98 | | 97 | | 96 | | 96 | | 84 | (106) | |
| DE-12-38-2-2011 | DE-12-38 | 1 | 104 | | 96 | | 101 | | 101 | | 102 | (107) | |
| DE-12-38-3-2011 | DE-12-38 | 1 | 127 | | 123 | | 125 | | 126 | | 119 | (117) | |