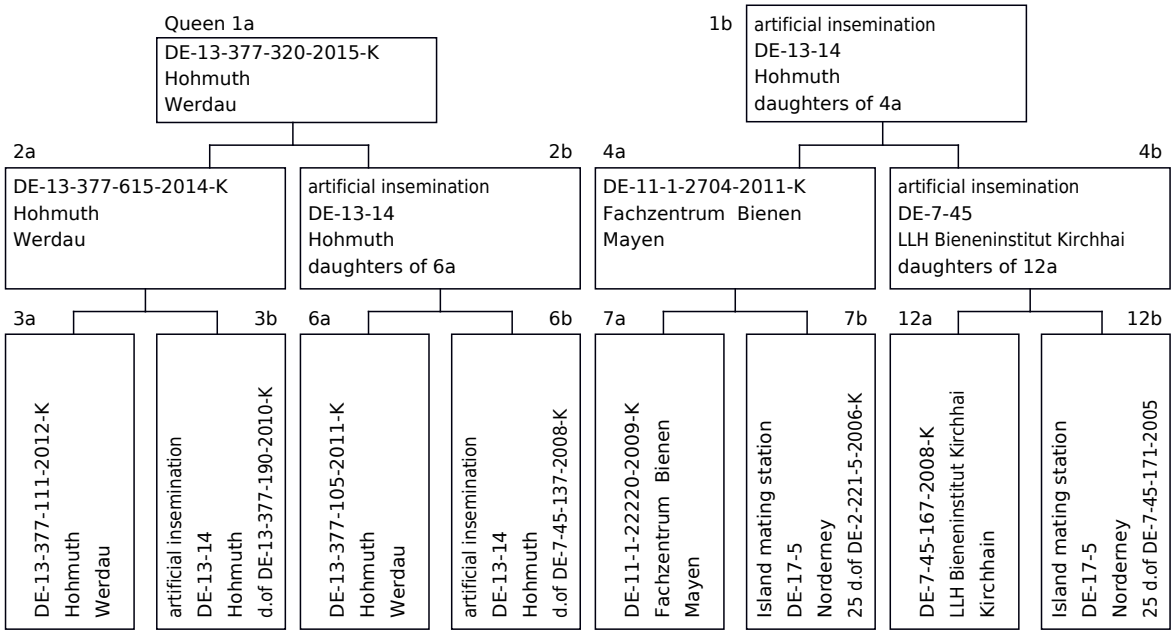
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-13-377-320-2015-K

| | | |
|---|---|---|
| Tester of the queen: | Hohmuth, Andreas, 08412 Werdau, DE-13-377, Apiary 2 | |
| Breeder of the queen: | Hohmuth, Andreas, 08412 Werdau, DE-13-377 | |
| **1a** Studbook number: | **DE-13-377-320-2015-K** | |
| | | Daughters of |
| Race line: | Sign: blue 20 | Queen: 9.3% |
| Generation: 3 | Hatch date: | Workers: 2.3% |

## A. Pedigree




## B. Own performance

| | No. of the colony | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 69 | 105.4 | 3 | 13 | 65.5 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 111 | |
| Honey yield | - | 112 | 0.39 |
| Defensive behavior | 4 | 106 | 0.56 |
| Steadiness on comb | 3.60 | 106 | 0.59 |
| Swarming drive | 3.60 | 105 | 0.38 |
| Varroa | - | 112 | 0.49 |
| Performance index | - | 0 | |
| Robustness in winter | 3.50 | | |
| Development in Spring | 3.90 | | |
| Colony strength | 3.90 | | |

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.

19.02.2017

For the correctness DE-13

# Breeding selection report DE-13-377-320-2015-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 7

| 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-13-377-320-2015-K | DE-13-377 | 2 | 111 | 69 | 112 | 4 | 106 | 3.6 | 106 | 3.6 | 105 | 112 | |
| DE-13-377-321-2015 | DE-13-377 | 2 | 90 | 63 | 98 | 3.2 | 80 | 3.2 | 80 inspection | 3.0 | 84 | 101 | |
| DE-13-377-322-2015-K | DE-13-377 | 2 | 121 | 79 | 127 | 4 | 116 | 4 | 117 | 4 | 120 | 111 | |
| DE-13-377-323-2015 | DE-13-377 | 2 | 108 | 59 | 100 | 4 | 111 | 3.9 | 110 | 1 | 89 | 113 | |
| DE-13-377-324-2015 | DE-13-377 | 2 | 93 | 64 | 100 | 3.5 | 86 | 3.2 | 86 | 2.0 | 82 | 103 | |
| DE-13-377-325-2015 | DE-13-377 | 2 | 97 | 65 | 106 | 3.6 | 100 | 3.9 | 102 | 3.5 | 103 | 89 | |
| DE-13-377-326-2015 | DE-13-377 | 2 | 108 | 65 | 108 | 4 | 107 | 3.6 | 106 | 3.9 | 109 | 105 | |