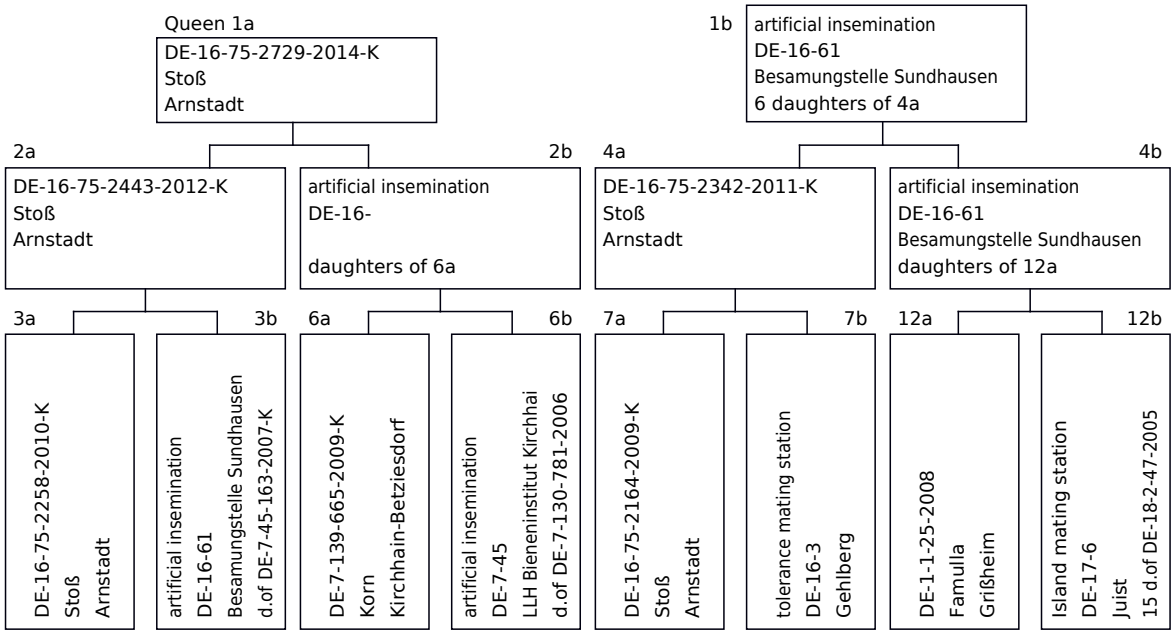
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-16-75-2729-2014-K

| | | |
|---|---|---|
| Tester of the queen: | Gerhardt, Maik, 99310 Arnstadt, DE-16-345, Apiary 1 | |
| Breeder of the queen: | Stoß, Albrecht, 99310 Arnstadt, DE-16-75 | |
| **1a** Studbook number: | **DE-16-75-2729-2014-K** | |
| | | Daughters of |
| Race line: | Sign: green 99 | Queen: 0.4% |
| Generation: 30 | Hatch date: 01.06.2014 | Workers: 0.6% |

## A. Pedigree




## B. Own performance

| | No. of the colony | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 39.6 | 127.6 | 3 | 7 | 31.0 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 111 | |
| Honey yield | - | 109 | 0.38 |
| Defensive behavior | 3.80 | 108 | 0.56 |
| Steadiness on comb | 3.30 | 107 | 0.59 |
| Swarming drive | 3.80 | 106 | 0.38 |
| Varroa | - | 110 | 0.48 |
| Performance index | - | 0 | |
| Robustness in winter | 3.20 | | |
| Development in Spring | 3.50 | | |
| Colony strength | 3.70 | | |

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.

14.06.2016

For the correctness DE-16

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## Page 2

## Performance of the sisters

Amount of checked sisters: 16

| 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-16-75-2647-2014 | DE-7-45 | 1 | 98 | | 91 | | 99 | | 98 | | 108 | 98* | |
| DE-16-75-2648-2014 | DE-7-45 | 4 | 94 | | 87 | | 105 | | 106 | | 94 | 91 | |
| DE-16-75-2646-2014 | DE-7-165 | 1 | 90 | | 91 | | 91 | | 91 | | 96 | 93 | |
| DE-16-75-2643-2014 | DE-7-177 | 1 | 110 | | 102 | | 112 | | 112 | | 102 | 108 | |
| DE-16-75-2644-2014 | DE-7-177 | 1 | 100 | | 91 | | 90 | | 87 | | 87 | 117 | |
| DE-16-75-2650-2014 | DE-16-318 | 1 | 107 | | 110 | | 104 | | 105 | | 103 | 106 | |
| DE-16-75-2651-2014 | DE-16-318 | 1 | 97 | | 102 | | 99 | | 101 | | 100 | 94 | |
| DE-16-75-2652-2014 | DE-16-325 | 9 | 101 | | 102 | | 96 | | 96 | | 100 | 104 | |
| DE-16-75-2649-2014 | DE-16-337 | 11 | 88 | | 91 | | 85 | | 85 | | 94 | 94 | |
| DE-16-75-2659-2014 | DE-16-345 | 1 | 106 | 30.5 | 104 | 3.6 | 111 | 3.8 | 112 | 4 | 110 | 98 | |
| DE-16-75-2660-2014 | DE-16-345 | 1 | 101 | 25.9 | 98 | 3.5 | 104 | 3.6 | 104 | 4 | 106 | 97 | |
| DE-16-75-2726-2014 | DE-16-345 | 1 | 105 | 40.1 | 107 | 3.5 | 99 | 3.3 | 99 | 4 | 105 | 106* | |
| DE-16-75-2727-2014 | DE-16-345 | 1 | 97 | 12 | 84 | 3.1 | 86 | 3.1 | 83 | 4 | 88 | 116 | |
| DE-16-75-2728-2014 | DE-16-345 | 1 | 82 | 27.4 | 94 | 3.2 | 89 | 3.1 | 91 | 3 | 90 | 78 | |
| DE-16-75-2729-2014-K | DE-16-345 | 1 | 111 | 39.6 | 109 | 3.8 | 108 | 3.3 | 107 | 3.8 | 106 | 110 | |
| DE-16-75-2655-2014 | DE-16-348 | 2 | 106 | | 101 | | 100 | | 99 | | 98 | 112 | |

Only one Varroa trait was recorded