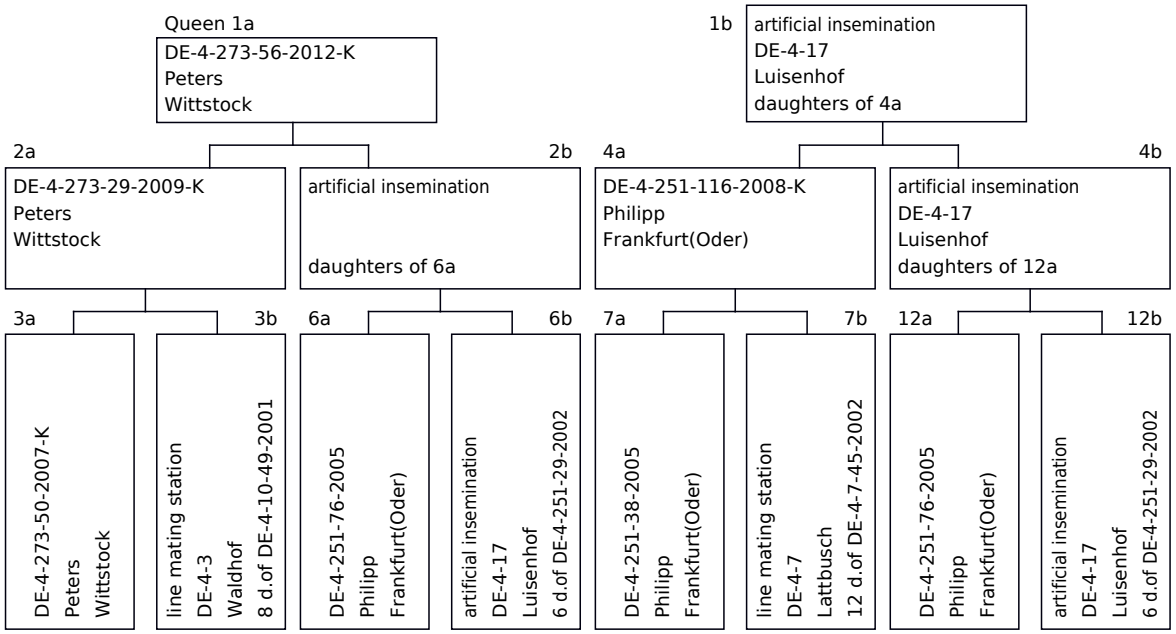
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-4-273-56-2012-K

| | | |
|---|---|---|
| Tester of the queen: | Peters, Raimund, 16909 Wittstock, DE-4-273, Apiary 1 | |
| Breeder of the queen: | Peters, Raimund, 16909 Wittstock, DE-4-273 | |
| **1a** Studbook number: | **DE-4-273-56-2012-K** | |
| | | Daughters of |
| Race line: | Sign: yellow 56 | Queen: 0.5% |
| Generation: | Hatch date: 04.07.2012 | Workers: 9.4% |

## A. Pedigree




## B. Own performance

| | No. of the colony 4 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 88 | 164.6 | 1 | 15 | 53.5 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 122 | |
| Honey yield | - | 133 | 0.42 |
| Defensive behavior | 4 | 119 | 0.63 |
| Steadiness on comb | 4 | 120 | 0.65 |
| Swarming drive | 4 | 124 | 0.4 |
| Varroa | - | (107) | 0.18 |
| Performance index | - | 0 | |
| Robustness in winter | 4 | | |
| 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 A**
Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

12.12.2014

For the correctness DE-4

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## Page 2

## Performance of the sisters

Amount of checked sisters: 9

| 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-4-273-45-2012-K | DE-4-273 | 1 | 108 | 49 | 111 | 3.9 | 110 | 3.9 | 111 | 3.5 | 107 | (102) | |
| DE-4-273-47-2012 | DE-4-273 | 1 | 107 | 66 | 118 | 3.7 | 102 | 3.8 | 103 | 4 | 112 | (99) | |
| DE-4-273-48-2012 | DE-4-273 | 1 | 108 | 27 | 100 | 4 | 115 | 4 | 116 | 3 | 103 | (102) | |
| DE-4-273-49-2012 | DE-4-273 | 1 | 96 | 62 | 113 | 3.3 | 88 | 3.6 | 89 | 4 | 105 | (94) | |
| DE-4-273-53-2012 | DE-4-273 | 1 | 114 | 56 | 116 | 4 | 117 | 4 | 118 | 3.5 | 112 | (104) | |
| DE-4-273-54-2012 | DE-4-273 | 1 | 104 | 54 | 112 | 3.7 | 101 | 3.8 | 102 | 4 | 110 | (98) | |
| DE-4-273-55-2012 | DE-4-273 | 1 | 116 | 74 | 125 | 3.9 | 114 | 4 | 115 | 4 | 119 | (104) | |
| DE-4-273-56-2012-K | DE-4-273 | 1 | 122 | 88 | 133 | 4 | 119 | 4 | 120 | 4 | 124 | (107) | |
| DE-4-273-59-2012 | DE-4-273 | 1 | 120 | 80 | 129 | 4 | 118 | 4 | 119 | 4 | 122 | (106) | |