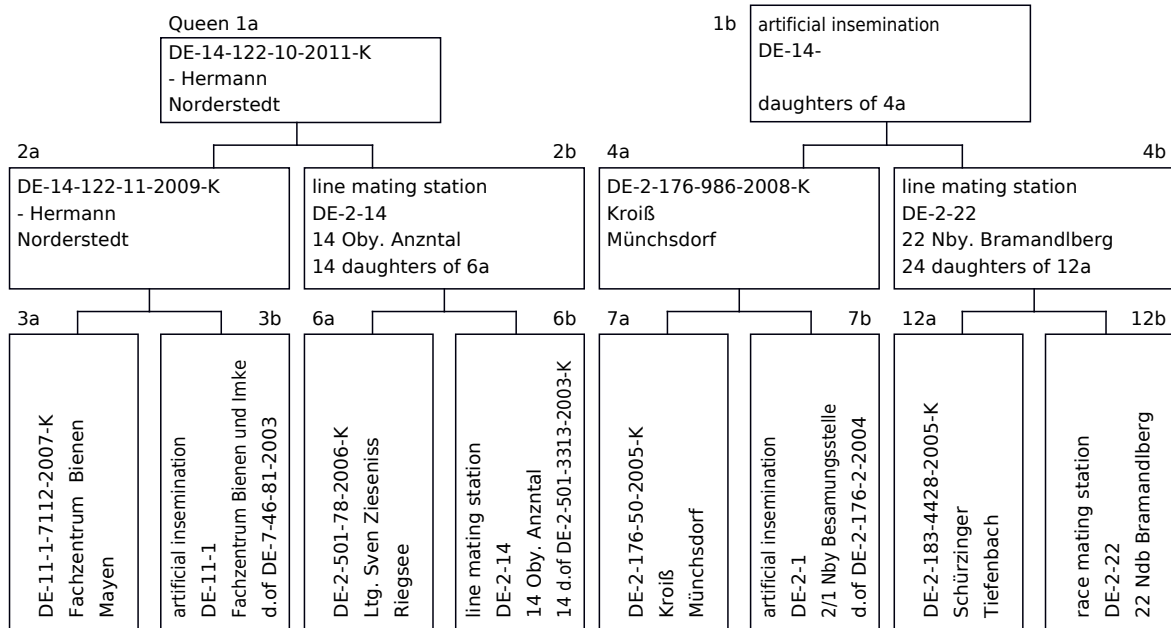


Tester of the queen: - Hermann, - Ekkehardt, 22846 Norderstedt, DE-14-122, Apiary 3
 Breeder of the queen: - Hermann, - Ekkehardt, 22846 Norderstedt, DE-14-122
1a Studbook number: **DE-14-122-10-2011-K**

Race line: Sign: white w10 Daughters of Queen: 0%
 Generation: 2 Hatch date: 20.05.2011 Workers: 0%

A. Pedigree



B. Own performance

| Performance test year | No. of the colony | | | comparable colonies at the apiary | |
|---|-------------------|-----------------|---------|-----------------------------------|------------------|
| | kg | % | Ranking | number | Yield average kg |
| | 95.8 | 117.3 | 2 | 11 | 81.7 |
| | Assessment* | Breeding values | | | Reliability |
| Total breeding value¹ | - | 114 | | | |
| Honey yield | - | 122 | | | 0.37 |
| Defensive behavior | 4 | 108 | | | 0.57 |
| Steadiness on comb | 4 | 109 | | | 0.61 |
| Swarming drive | 4 | 102 | | | 0.37 |
| Varroa | - | 111 | | | 0.48 |
| Performance index | - | 0 | | | |
| Robustness in winter | 4 | | 70% | 100% | 170% |
| Development in Spring | 4 | | | | |
| Colony strength | 4 | | | | |

¹In 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.

Breeding selection report DE-14-122-10-2011-K

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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-14-122-10-2011-K | DE-14-122 | 3 | 114 | 95.8 | 122 | 4 | 108 | 4 | 109 | 4 | 102 | 111 | |
| DE-14-122-11-2011-K | DE-14-122 | 3 | 119 | 104.2 | 130 | 4 | 109 | 4 | 110 | 4 | 104 | 117 | |
| DE-14-122-12-2011-K | DE-14-122 | 3 | 116 | 89.5 | 116 | 4 | 107 | 4 | 107 | 4 | 99 | 119 | |
| DE-14-122-14-2011 | DE-14-122 | 3 | 79 | 66.1 | 91 | 3.5 | 88 | 4 | 91 | 4 | 89 | 76 | |
| DE-14-122-4-2011-K | DE-14-122 | 7 | 123 | 97.2 | 135 | 4 | 111 | 4 | 113 | 4 | 106 | 120 | |
| DE-14-122-5-2011 | DE-14-122 | 7 | 93 | 61.9 | 100 | 3.6 | 89 | 3.8 | 90 | 4 | 88 | 100 | |
| DE-14-122-6-2011-K | DE-14-122 | 7 | 113 | 68.2 | 110 | 4 | 110 | 4 | 110 | 4 | 99 | 115 | |