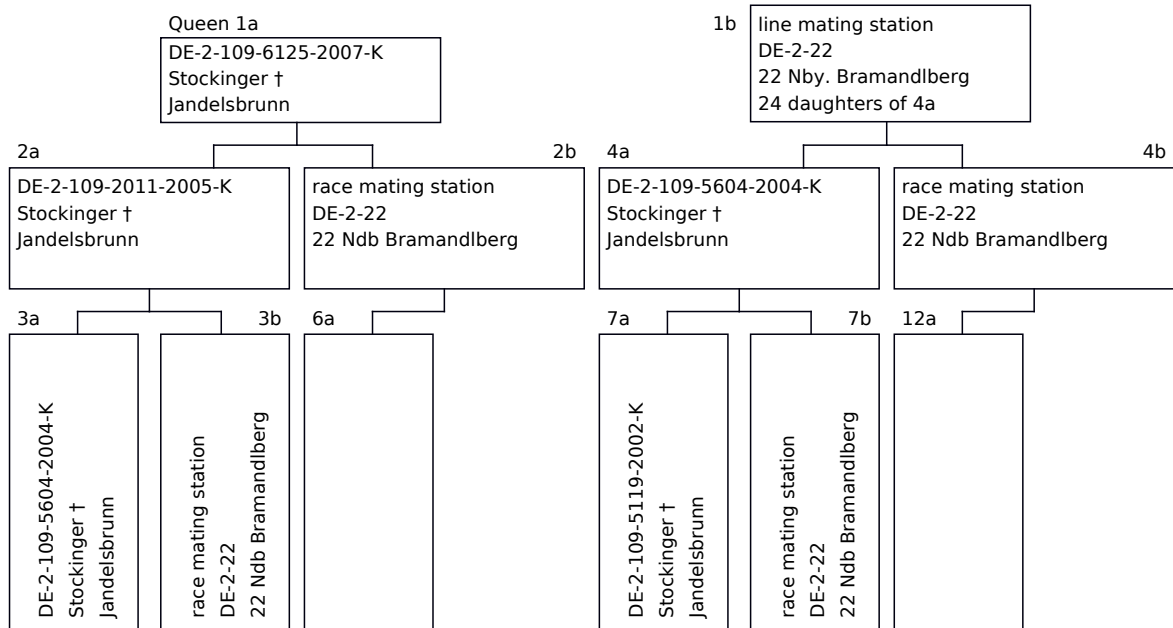


Tester of the queen: Ltg. Sven Zieseniss, Prüfhof Guglhör, 82418 Riegsee, DE-2-501, Apiary 1
 Breeder of the queen: Stockinger †, Otto, 94118 Jandelsbrunn, DE-2-109
1a Studbook number: **DE-2-109-6125-2007-K**

Race line: -1 Sign: yellow 45 Daughters of Queen: 26.9%
 Generation: 15 Hatch date: 28.5.2007 Workers: 22.7%

A. Pedigree



B. Own performance

| Performance test year | No. of the colony 1250 | | | comparable colonies at the apiary | |
|---|------------------------|-----------------|-------------|-----------------------------------|------------------|
| | kg | % | Ranking | number | Yield average kg |
| | 4.4 | 49.6 | 37 | 46 | 8.9 |
| | Assessment* | Breeding values | | | Reliability |
| Total breeding value¹ | - | 111 | [Bar chart] | | |
| Honey yield | - | 95 | [Bar chart] | | |
| Defensive behavior | 3.30 | 100 | [Bar chart] | | |
| Steadiness on comb | 2.70 | 97 | [Bar chart] | | |
| Swarming drive | 4 | 96 | [Bar chart] | | |
| Varroa | - | 125 | [Bar chart] | | |
| Performance index | - | 0 | [Bar chart] | | |
| Robustness in winter | | | 70% | 100% | 170% |
| Development in Spring | | | | | |
| Colony strength | | | | | |

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 B
 Suitable for breeding.

Breeding selection report DE-2-109-6125-2007-K

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Performance of the sisters

Amount of checked sisters: 17

| 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 | Varroa-index | Performance index |
|----------------------|---------------------|--------|----------------------|----------|----------------------|--------------------|-----------------------------------|----------------------------|---|----------------|-------------------------|--------------|-------------------|
| DE-2-109-6111-2007-K | DE-2-109 | 1 | 117 | | 113 | | 109 | | 108 | | 82 | (117) | |
| DE-2-109-6156-2007 | DE-2-109 | 1 | 103 | | 85 | | 109 | | 108 | | 82 | (112) | |
| DE-2-109-6160-2007 | DE-2-109 | 1 | 99 | | 87 | | 98 | | 97 | | 79 | (112) | |
| DE-2-109-6194-2007 | DE-2-109 | 1 | 102 | | 88 | | 98 | | 96 | | 94 | (112) | |
| DE-2-109-6222-2007 | DE-2-109 | 1 | 112 | | 101 | | 111 | | 110 | | 102 | (114) | |
| DE-2-109-6161-2007 | DE-2-109 | 2 | 112 | | 100 | | 110 | | 109 | | 102 | (115) | |
| DE-2-109-6165-2007 | DE-2-109 | 2 | 115 | | 107 | | 111 | | 110 | | 104 | (117) | |
| DE-2-109-6195-2007 | DE-2-109 | 2 | 111 | | 99 | | 110 | | 109 | | 101 | (115) | |
| DE-2-109-6196-2007 | DE-2-109 | 2 | 109 | | 97 | | 110 | | 109 | | 87 | (116) | |
| DE-2-109-6197-2007 | DE-2-109 | 2 | 100 | | 91 | | 97 | | 96 | | 93 | (108) | |
| DE-2-109-6223-2007-K | DE-2-109 | 2 | 107 | | 91 | | 109 | | 108 | | 87 | (115) | |
| DE-2-109-6122-2007-K | DE-2-501 | 1 | 107 | 0 | 90 | 3.1 | 92 | 2.6 | 89 | 4 | 92 | 126 | |
| DE-2-109-6125-2007-K | DE-2-501 | 1 | 111 | 4.4 | 95 | 3.3 | 100 | 2.7 | 97 | 4 | 96 | 125 | |
| DE-2-109-6131-2007-K | DE-2-502 | 2 | 118 | | 107 | | 123 | | 122 | | 107 | 113 | |
| DE-2-109-6132-2007-K | DE-2-502 | 2 | 111 | | 101 | | 112 | | 111 | | 101 | 112 | |
| DE-2-109-6133-2007-K | DE-2-502 | 2 | 107 | | 98 | | 103 | | 101 | | 95 | 115 | |
| DE-2-109-6134-2007-K | DE-2-502 | 2 | 105 | | 96 | | 103 | | 102 | | 94 | 111 | |