

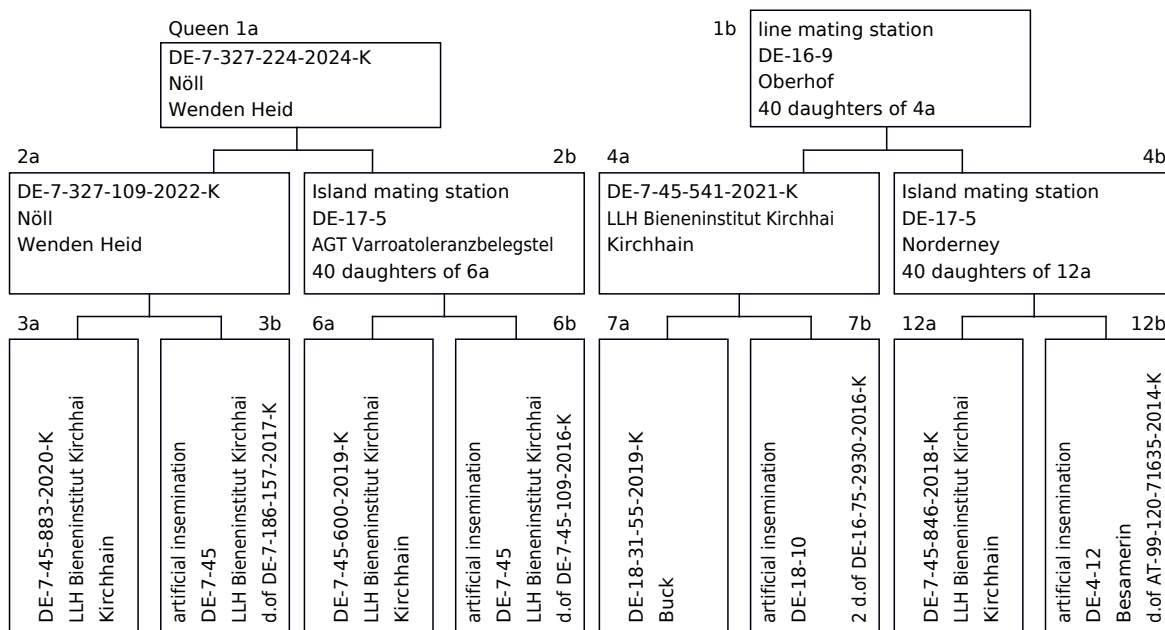
# Breeding selection report

## DE-7-327-224-2024-K

Tester of the queen: Nöll, Dr.Gilbert, 57482 Wenden Heid, DE-7-327, Apiary 1  
Breeder of the queen: Nöll, Dr.Gilbert, 57482 Wenden Heid, DE-7-327  
**1a** Studbook number: **DE-7-327-224-2024-K**

Race line: -70 Sign: green 224 Daughters of Queen: 3.2%  
Generation: 2 Hatch date: 15.07.2024 Workers: 5.5%

### A. Pedigree



### B. Own performance

| 3. Own performance                | No. of the colony 8 |                                                                                                                                                                                                                                                                |             |  |  | comparable colonies at the apiary |                  |  |  |             |
|-----------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--|--|-----------------------------------|------------------|--|--|-------------|
|                                   | kg                  | %                                                                                                                                                                                                                                                              | Ranking     |  |  | number                            | Yield average kg |  |  |             |
| Performance test year             | 56.5                | 107.9                                                                                                                                                                                                                                                          | 6           |  |  | 14                                | 52.4             |  |  |             |
|                                   | Assessment*         | Breeding values                                                                                                                                                                                                                                                |             |  |  |                                   |                  |  |  | Reliability |
| Total breeding value <sup>1</sup> | -                   | 115                                                                                                                                                                                                                                                            |             |  |  | <div></div>                       |                  |  |  |             |
| Honey yield                       | -                   | 106                                                                                                                                                                                                                                                            |             |  |  | <div></div>                       |                  |  |  | 0.5         |
| Defensive behavior                | 4                   | 115                                                                                                                                                                                                                                                            |             |  |  | <div></div>                       |                  |  |  | 0.57        |
| Steadiness on comb                | 3.50                | 110                                                                                                                                                                                                                                                            |             |  |  | <div></div>                       |                  |  |  | 0.56        |
| Swarming drive                    | 4                   | 116                                                                                                                                                                                                                                                            |             |  |  | <div></div>                       |                  |  |  | 0.52        |
| Varroa                            | -                   | 111                                                                                                                                                                                                                                                            |             |  |  | <div></div>                       |                  |  |  | 0.53        |
| Performance index                 | -                   | 114                                                                                                                                                                                                                                                            |             |  |  | <div></div>                       |                  |  |  | 0.5         |
| Robustness in winter              | 3.50                | <sup>1</sup> 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 | 70%100%170% |  |  |                                   |                  |  |  |             |
| Development in Spring             | 3.50                |                                                                                                                                                                                                                                                                |             |  |  |                                   |                  |  |  |             |
| Colony strength                   | 3.30                |                                                                                                                                                                                                                                                                |             |  |  |                                   |                  |  |  |             |

<sup>1</sup>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.

**Breeding selection report DE-7-327-224-2024-K**  
**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 | Swarming drive | Breeding Value Swarming | Varroa-index | Performance ndex |
|---------------------|---------------------|--------|----------------------|----------|----------------------|--------------------|-----------------------------------|----------------------------|-------------------------|----------------|-------------------------|--------------|------------------|
| DE-7-327-206-2024   | DE-2-317            | 2      | 113                  |          | 106                  |                    | 110                               |                            | 106                     |                | 110                     | 110          | 112              |
| DE-7-327-226-2024   | DE-2-317            | 2      | 114                  |          | 104                  |                    | 110                               |                            | 106                     |                | 113                     | 114          | 110              |
| DE-7-327-224-2024-K | DE-7-327            | 1      | 115                  | 56.5     | 106                  | 4                  | 115                               | 3.5                        | 110                     | 4              | 116                     | 111          | 114              |
| DE-7-327-230-2024   | DE-7-327            | 1      | 114                  | 48.6     | 103                  | 3.5                | 110                               | 3.2                        | 106                     | 4              | 115                     | 112          | 110              |
| DE-7-327-204-2024   | DE-7-327            | 2      | 114                  | 48.1     | 105                  | 3                  | 110                               | 3                          | 106                     | 4              | 118                     | 112          | 112              |
| DE-7-327-223-2024   | DE-7-327            | 2      | 114                  | 52.4     | 105                  | 3.2                | 111                               | 3                          | 107                     | 4              | 118                     | 111          | 112              |
| DE-7-327-208-2024   | DE-7-327            | 7      | 114                  | 30.5     | 105                  | 3                  | 110                               | 3.5                        | 107                     | 4              | 121                     | 111          | 113              |
| DE-7-327-210-2024-K | DE-7-327            | 7      | 116                  | 46       | 106                  | 3.3                | 112                               | 3.5                        | 109                     | 4              | 121                     | 111          | 114              |
| DE-7-327-219-2024-K | DE-7-327            | 7      | 117                  | 52.5     | 107                  | 3.5                | 114                               | 3.5                        | 110                     | 4              | 122                     | 112          | 116              |