

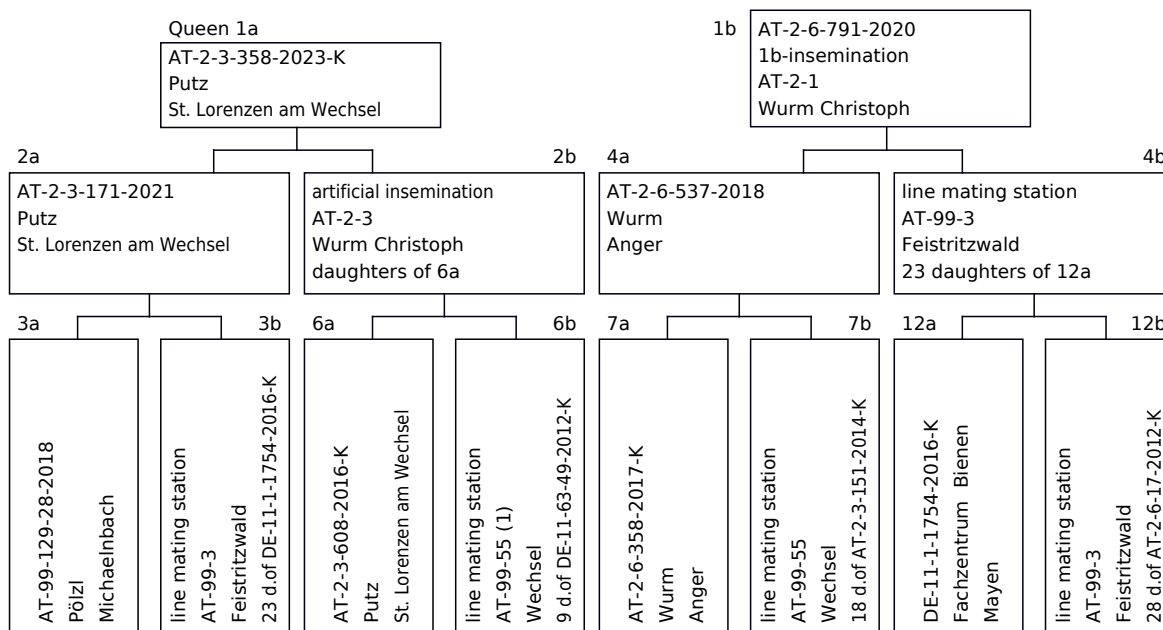
# Breeding selection report

## AT-2-3-358-2023-K

Tester of the queen: Putz, Anselm, A 8242 St. Lorenzen am Wechsel, AT-2-3, Apiary 4  
 Breeder of the queen: Putz, Anselm, A 8242 St. Lorenzen am Wechsel, AT-2-3  
**1a** Studbook number: **AT-2-3-358-2023-K**

Race line: Sign: red 20 Daughters of Queen: 8.0%  
 Generation: Hatch date: Workers: 6.8%

### A. Pedigree



### B. Own performance

| Performance test year                   | No. of the colony 3h4 |                 |         | comparable colonies at the apiary |                  |
|---|-----------------------|-----------------|---------|-----------------------------------|------------------|
|   | kg                    | %               | Ranking | number                            | Yield average kg |
|   | 34.4                  | 94.5            | 13      | 19                                | 36.4             |
|   | Assessment*           | Breeding values |         |                                   | Reliability      |
| <b>Total breeding value<sup>1</sup></b> | -                     | 116             |         |                                   |                  |
| Honey yield                             | -                     | 89              |         |                                   |                  |
| Defensive behavior                      | 4                     | 104             |         |                                   |                  |
| Steadiness on comb                      | 4                     | 108             |         |                                   |                  |
| Swarming drive                          | 4                     | 105             |         |                                   |                  |
| Varroa                                  | -                     | 125             |         |                                   |                  |
| Performance index                       | -                     | 102             |         |                                   |                  |
| Robustness in winter                    |                       |                 | 70%     | 100%                              | 170%             |
| Development in Spring                   |                       |                 |         |                                   |                  |
| Colony strength                         |                       |                 |         |                                   |                  |

<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 AT-2-3-358-2023-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 4

| 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 |
|-------------------|---------------------|--------|----------------------|----------|----------------------|--------------------|--------------------------|----------------------------|-------------------------|----------------|-------------------------|--------------|------------------|
| AT-2-3-358-2023-K | AT-2-3              | 4      | 116                  | 34.4     | 89                   | 4                  | 104                      | 4                          | 108                     | 4              | 105                     | 125          | 102              |
| AT-2-3-374-2023   | AT-2-3              | 4      | 115                  | 28.9     | 88                   | 4                  | 104                      | 4                          | 108                     | 4              | 104                     | 125          | 101              |
| AT-2-3-359-2023   | AT-2-3              | 5      | 114                  | 31.2     | 84                   | 4                  | 104                      | 4                          | 107                     | 4              | 101                     | 125          | 99               |
| AT-2-3-371-2023   | AT-2-3              | 6      | 115                  | 34.1     | 90                   | 4                  | 104                      | 4                          | 107                     | 4              | 106                     | 123          | 102              |