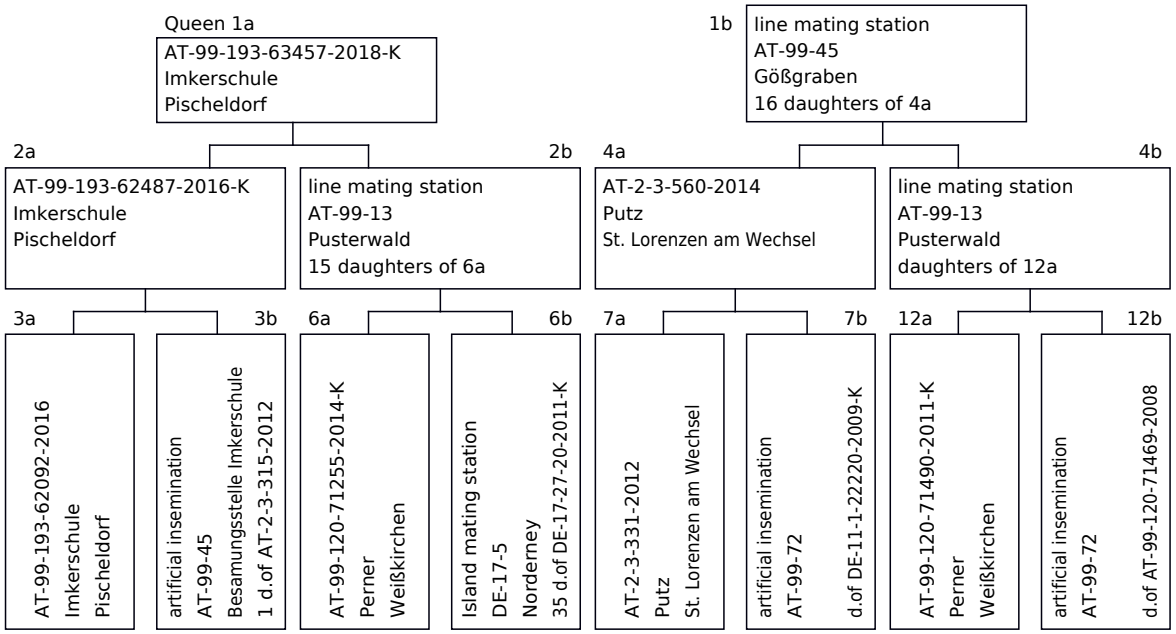
# Breeding selection report
# AT-99-193-63457-2018-K

| | | |
|---|---|---|
| Tester of the queen: | Imkerschule, Kärntner, 9064 Pischeldorf, AT-99-193, Apiary 1 | |
| Breeder of the queen: | Imkerschule, Kärntner, 9064 Pischeldorf, AT-99-193 | |
| **1a** Studbook number: | **AT-99-193-63457-2018-K** | |
| | | Daughters of |
| Race line: | Sign: red 79 | Queen: 2.3% |
| Generation: | Hatch date: 16.07.2018 | Workers: 2.1% |

## A. Pedigree




## B. Own performance

| | No. of the colony 7 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 42.7 | 125.6 | 2 | 27 | 34.0 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 117 | |
| Honey yield | - | 112 | 0.36 |
| Defensive behavior | 3.90 | 102 | 0.5 |
| Steadiness on comb | 3.90 | 102 | 0.5 |
| Swarming drive | 4 | 108 | 0.37 |
| Varroa | - | 121 | 0.26 |
| Performance index | - | 107 | 0.42 |
| Robustness in winter | 4 | | |
| Development in Spring | 3.90 | | |
| Colony strength | 3.80 | | |

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 Av**
Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

25.02.2020

For the correctness AT-99

# Breeding selection report AT-99-193-63457-2018-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 21

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AT-99-193-62176-2018 | AT-99-104 | 1 | 111 | | 109 | | 99 | | 99 | | 105 | 115 | 102 |
| AT-99-193-62175-2018 | AT-99-169 | 1 | 110 | | 107 | | 94 | | 94 | | 106 | 117 | 100 |
| AT-99-193-63455-2018 | AT-99-193 | 1 | 113 | 41 | 112 | 3.9 | 102 | 3.9 | 102 | 4 | 108 | 114 | 107 |
| AT-99-193-63457-2018-K | AT-99-193 | 1 | 117 | 42.7 | 112 | 3.9 | 102 | 3.9 | 102 | 4 | 108 | 121 | 107 |
| AT-99-193-63458-2018-K | AT-99-193 | 1 | 116 | 29.6 | 106 | 3.9 | 103 | 3.9 | 102 | 4 | 108 | 122 | 105 |
| AT-99-193-63460-2018 | AT-99-193 | 1 | 110 | 38.5 | 110 | 3.8 | 101 | 3.8 | 100 | 4 | 108 | 110 | 105 |
| AT-99-193-63461-2018 | AT-99-193 | 1 | 112 | 38.6 | 110 | 3.5 | 97 | 3.6 | 97 | 4 | 108 | 115 | 103 |
| AT-99-193-63465-2018 | AT-99-193 | 1 | 116 | 40.9 | 112 | 3.7 | 101 | 3.9 | 101 | 4 | 109 | 120 | 106 |
| AT-99-193-63466-2018 | AT-99-193 | 1 | 109 | | (106) | 3.9 | 102 | 3.9 | 101 | 1 | 92 | (115) | 100 |
| AT-99-193-63469-2018 | AT-99-193 | 1 | 114 | 37 | 110 | 3.9 | 103 | 3.9 | 102 | 4 | 108 | 117 | 106 |
| AT-99-193-63490-2018 | AT-99-193 | 1 | 109 | | (106) | 4 | 103 | 3.9 | 102 | 1 | 92 | (115) | 100 |
| AT-99-193-62179-2018** | AT-99-209 | 1 | 112 | | (108) | | (101) | | (101) | | (105) | (115) | 104 |
| AT-99-193-62178-2018 | AT-99-364 | 2 | 109 | | 105 | | 97 | | 93 | | 104 | 116 | 99 |
| AT-99-193-61572-2018 | AT-99-678 | 1 | 111 | | 105 | | 103 | | 100 | | 101 | 114 | 102 |
| AT-99-193-61573-2018 | AT-99-678 | 1 | 119 | | 111 | | 116 | | 114 | | 108 | 116 | 113 |
| AT-99-193-61574-2018 | AT-99-678 | 1 | 112 | | 111 | | 94 | | 96 | | 113 | 115 | 104 |
| AT-99-193-62762-2018 | DE-10-33 | 1 | 112 | | 113 | | 102 | | 100 | | 104 | (115) | 105 |
| AT-99-193-62763-2018 | DE-10-33 | 1 | 112 | | 107 | | 102 | | 101 | | 105 | (115) | 104 |
| AT-99-193-62764-2018 | DE-10-33 | 1 | 111 | | 109 | | 98 | | 99 | | 105 | (115) | 103 |
| AT-99-193-62765-2018 | DE-10-33 | 1 | 112 | | 112 | | 99 | | 100 | | 106 | (115) | 104 |
| AT-99-193-62766-2018 | DE-10-33 | 1 | 112 | | 109 | | 102 | | 100 | | 105 | (115) | 104 |

Colony without performance tests