# Breeding selection report
# DE-6-79-49-2001-K

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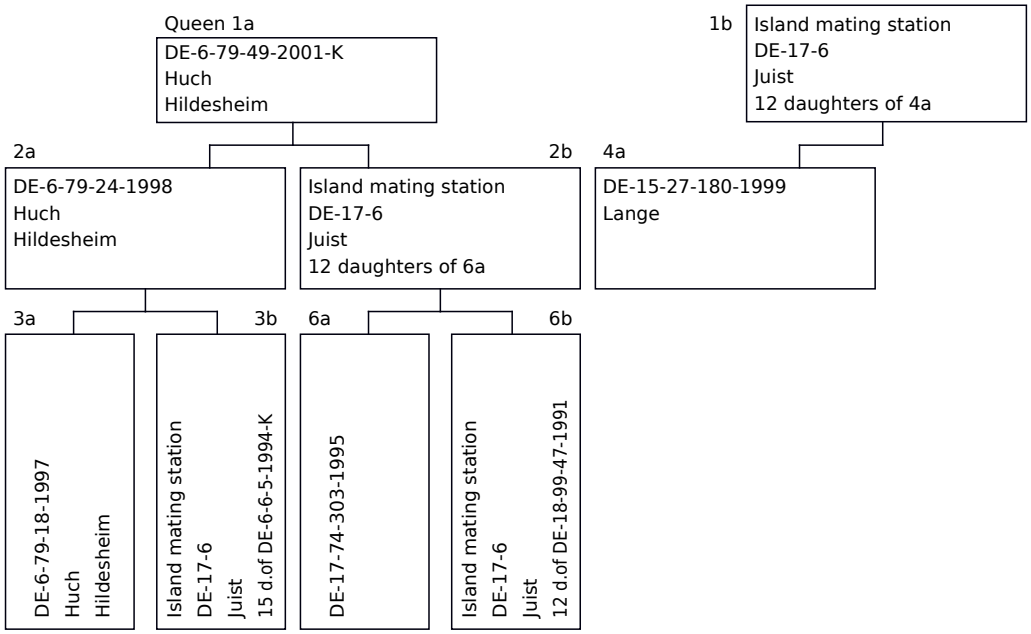
| | | |
|---|---|---|
| Tester of the queen: | Huch, Eduard, Hildesheim, DE-6-79, Apiary 1 | |
| Breeder of the queen: | Huch, Eduard, Hildesheim, DE-6-79 | |
| **1a** Studbook number: | **DE-6-79-49-2001-K** | |
| | | Daughters of |
| Race line: -12 | Sign: white | Queen: 1.1% |
| Generation: | Hatch date: | Workers: 0.0% |

## A. Pedigree




## B. Own performance

| | No. of the colony | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 55.1 | 104.9 | 3 | 27 | 52.5 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 71 | |
| Honey yield | - | 62 | 0.57 |
| Defensive behavior | 3.90 | 88 | 0.69 |
| Steadiness on comb | 4 | 80 | 0.67 |
| Swarming drive | - | (68) | 0.51 |
| Varroa | - | (79) | 0.49 |
| Performance index | - | 70 | 0.57 |
| Robustness in winter | | | |
| Development in Spring | 4 | | |
| Colony strength | | | |

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 J**

For the correctness DE-6

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## Performance of the sisters

Amount of checked sisters: 26

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE-6-79-10-2001 | DE-6-79 | 1 | 72 | 54 | 64 | 3.7 | 87 | 4 | 81 | 4 | 67 | 81* | 70 |
| DE-6-79-16-2001 | DE-6-79 | 1 | 72 | 54.7 | 65 | 3.7 | 87 | 4 | 81 | | (68) | (81) | 70 |
| DE-6-79-17-2001 | DE-6-79 | 1 | 71 | 52.7 | 62 | 3.5 | 85 | 4 | 79 | | (65) | (81) | 67 |
| DE-6-79-21-2001 | DE-6-79 | 1 | 68 | 49.6 | 58 | 3.7 | 84 | 4 | 77 | | (58) | (80) | 63 |
| DE-6-79-24-2001 | DE-6-79 | 1 | 70 | 52.8 | 62 | 3.4 | 83 | 4 | 78 | | (65) | (81) | 67 |
| DE-6-79-25-2001 | DE-6-79 | 1 | 73 | 55.7 | 66 | 3.8 | 88 | 4 | 82 | | (70) | (81) | 72 |
| DE-6-79-26-2001 | DE-6-79 | 1 | 71 | 51 | 60 | 3.7 | 88 | 4 | 82 | | (63) | (81) | 68 |
| DE-6-79-28-2001 | DE-6-79 | 1 | 70 | 52.2 | 61 | 3.4 | 83 | 4 | 78 | | (64) | (81) | 66 |
| DE-6-79-29-2001 | DE-6-79 | 1 | 70 | 51 | 60 | 3.5 | 85 | 4 | 79 | | (62) | (81) | 66 |
| DE-6-79-30-2001 | DE-6-79 | 1 | 69 | 49.6 | 58 | 3.4 | 84 | 4 | 78 | | (60) | (81) | 64 |
| DE-6-79-31-2001 | DE-6-79 | 1 | 69 | 55 | 65 | 3.1 | 78 | 4 | 74 | | (67) | (81) | 65 |
| DE-6-79-33-2001 | DE-6-79 | 1 | 67 | 50.3 | 58 | 3 | 78 | 4 | 74 | | (60) | (81) | 61 |
| DE-6-79-34-2001 | DE-6-79 | 1 | 73 | 53.5 | 63 | 3.9 | 90 | 4 | 84 | | (67) | (81) | 71 |
| DE-6-79-35-2001 | DE-6-79 | 1 | 72 | 55 | 65 | 3.5 | 84 | 4 | 79 | | (68) | (81) | 69 |
| DE-6-79-36-2001 | DE-6-79 | 1 | 67 | 49 | 57 | 3.2 | 82 | 4 | 76 | | (59) | (81) | 62 |
| DE-6-79-37-2001 | DE-6-79 | 1 | 68 | 50.8 | 59 | 3.1 | 80 | 4 | 75 | | (61) | (81) | 63 |
| DE-6-79-38-2001 | DE-6-79 | 1 | 72 | 51.9 | 61 | 3.8 | 89 | 4 | 83 | | (64) | (81) | 69 |
| DE-6-79-39-2001 | DE-6-79 | 1 | 74 | 54.8 | 65 | 3.9 | 89 | 4 | 84 | | (69) | (81) | 72 |
| DE-6-79-42-2001 | DE-6-79 | 1 | 66 | 49.5 | 57 | 3 | 79 | 4 | 74 | | (59) | (81) | 61 |
| DE-6-79-44-2001 | DE-6-79 | 1 | 72 | 54.3 | 64 | 3.7 | 87 | 4 | 81 | | (67) | (81) | 70 |
| DE-6-79-46-2001 | DE-6-79 | 1 | 70 | 47.8 | 55 | 3.7 | 89 | 4 | 82 | | (59) | (81) | 66 |
| DE-6-79-48-2001 | DE-6-79 | 1 | 73 | 54.2 | 64 | 3.9 | 90 | 4 | 84 | | (68) | (81) | 72 |
| DE-6-79-49-2001-K | DE-6-79 | 1 | 71 | 55.1 | 62 | 3.9 | 88 | 4 | 80 | | (68) | (79) | 70 |
| DE-6-79-50-2001 | DE-6-79 | 1 | 76 | 56 | 68 | 3.9 | 90 | 4 | 84 | | (72) | (82) | 74 |
| DE-6-79-51-2001 | DE-6-79 | 1 | 66 | 48 | 55 | 3.1 | 81 | 4 | 75 | | (57) | (81) | 61 |
| DE-6-79-52-2001-K | DE-6-79 | 1 | 75 | 55 | 66 | 3.8 | 92 | 4 | 86 | | (71) | (81) | 75 |

Only one Varroa trait was recorded