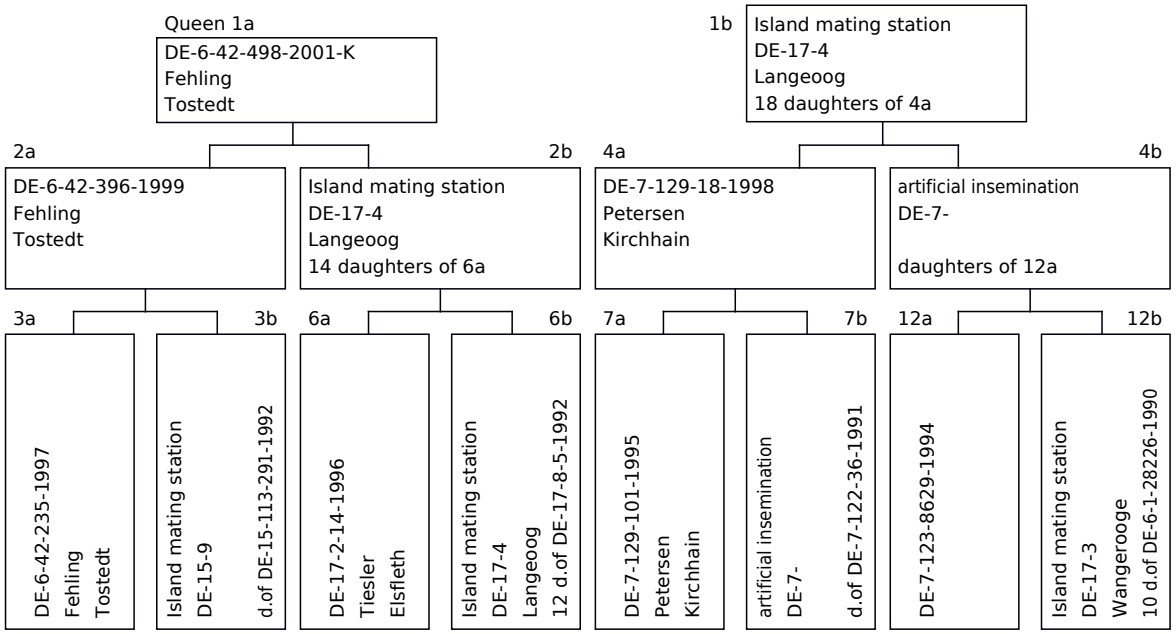
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-6-42-498-2001-K

LANDESVERBAND HANNOVERSCHER IMKER E.V.

| | | |
|---|---|---|
| Tester of the queen: | Fehling, Horst-Dieter, 21255 Tostedt, DE-6-42, Apiary 6 | |
| Breeder of the queen: | Fehling, Horst-Dieter, 21255 Tostedt, DE-6-42 | |
| **1a** Studbook number: | **DE-6-42-498-2001-K** | |
| | | Daughters of |
| Race line: -30 | Sign: white | Queen: 0.0% |
| 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 | 73.4 | 264.6 | 1 | 8 | 27.7 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 82 | |
| Honey yield | - | 86 | 0.81 |
| Defensive behavior | 3.50 | 85 | 0.88 |
| Steadiness on comb | 3.50 | 81 | 0.89 |
| Swarming drive | 4 | 92 | 0.82 |
| Varroa | - | 84* | 0.82 |
| Performance index | - | 83 | 0.81 |
| Robustness in winter | | | |
| Development in Spring | 4 | | |
| Colony strength | 3 | | |

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%.
Only one Varroa trait was recorded

## C. Performance of the sisters

See page 2

## D. Body features, see appendix

See attached characteristic documents:

## E. Results

**Class J**

# Breeding selection report DE-6-42-498-2001-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 25

| 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-6-42-526-2001 | DE-6-5 | 2 | 83 | | 83 | | 89 | | 86 | | 74 | 90* | 80 |
| DE-6-42-495-2001 | DE-6-42 | 1 | 78 | 25.9 | 74 | 3.7 | 94 | 3.6 | 91 | 3 | 67 | 83* | 78 |
| DE-6-42-511-2001 | DE-6-42 | 1 | 84 | 72.3 | 83 | 3.5 | 88 | 3.5 | 85 | 4 | 81 | 89* | 82 |
| DE-6-42-513-2001 | DE-6-42 | 1 | 84 | 63.3 | 81 | 4 | 95 | 3.8 | 90 | 3 | 71 | 89* | 81 |
| DE-6-42-999-2001 | DE-6-42 | 1 | 78 | 25.9 | 74 | 3.7 | 94 | 3.6 | 91 | 3 | 67 | 83* | 78 |
| DE-6-42-496-2001 | DE-6-42 | 2 | 84 | 61.3 | 81 | 3.9 | 95 | 3.9 | 91 | 2 | 72 | 89* | 82 |
| DE-6-42-499-2001 | DE-6-42 | 2 | 80 | 33 | 75 | 3.6 | 91 | 3.6 | 88 | 3 | 73 | 86* | 78 |
| DE-6-42-500-2001 | DE-6-42 | 2 | 81 | 45 | 78 | 3.5 | 89 | 3.7 | 87 | 4 | 79 | 86* | 81 |
| DE-6-42-501-2001 | DE-6-42 | 2 | 81 | 37 | 76 | 3.5 | 90 | 3.7 | 88 | 4 | 79 | 86* | 80 |
| DE-6-42-517-2001 | DE-6-42 | 2 | 83 | 80 | 86 | 4 | 95 | 4 | 91 | 3 | 79 | 84* | 85 |
| DE-6-42-518-2001 | DE-6-42 | 2 | 79 | 38 | 76 | 3.3 | 87 | 3.5 | 85 | 3 | 73 | 86* | 76 |
| DE-6-42-519-2001 | DE-6-42 | 2 | 81 | 36 | 76 | 3.7 | 93 | 3.7 | 90 | 3 | 73 | 87* | 80 |
| DE-6-42-524-2001 | DE-6-42 | 2 | 80 | 35 | 75 | 3.6 | 91 | 3.6 | 88 | 3 | 73 | 87* | 78 |
| DE-6-42-528-2001 | DE-6-42 | 2 | 80 | 37 | 76 | 3.6 | 90 | 3.5 | 87 | 3 | 73 | 86* | 78 |
| DE-6-42-516-2001-K | DE-6-42 | 3 | 83 | 56.7 | 81 | 4 | 94 | 4 | 94 | 4 | 89 | 81* | 88 |
| DE-6-42-520-2001 | DE-6-42 | 3 | 77 | 56.6 | 77 | 3.2 | 88 | 3.2 | 83 | 2 | 67 | 84* | 75 |
| DE-6-42-525-2001 | DE-6-42 | 3 | 82 | 67 | 82 | 3.5 | 89 | 3.5 | 85 | 4 | 80 | 87* | 81 |
| DE-6-42-503-2001 | DE-6-42 | 4 | 81 | 54.8 | 79 | 2.8 | 89 | 3 | 86 | 4 | 75 | 86* | 79 |
| DE-6-42-515-2001 | DE-6-42 | 4 | 81 | 36.5 | 78 | 3.5 | 92 | 3.5 | 88 | 4 | 75 | 86* | 80 |
| DE-6-42-504-2001 | DE-6-42 | 5 | 78 | 96.6 | 81 | 2.2 | 81 | 3 | 78 | 4 | 81 | 84* | 76 |
| DE-6-42-505-2001 | DE-6-42 | 5 | 82 | 74.3 | 77 | 3.4 | 91 | 3.5 | 88 | 4 | 79 | 87* | 81 |
| DE-6-42-512-2001 | DE-6-42 | 5 | 82 | 87.8 | 79 | 4 | 97 | 4 | 94 | 3 | 71 | 84* | 82 |
| DE-6-42-497-2001 | DE-6-42 | 6 | 82 | 19.9 | 77 | 3.6 | 93 | 3.5 | 89 | 4 | 77 | 86* | 81 |
| DE-6-42-498-2001-K | DE-6-42 | 6 | 82 | 73.4 | 86 | 3.5 | 85 | 3.5 | 81 | 4 | 92 | 84* | 83 |
| DE-6-42-514-2001 | DE-6-42 | 6 | 83 | 23.1 | 79 | 3.5 | 90 | 3.5 | 87 | 4 | 75 | 89* | 80 |

Only one Varroa trait was recorded