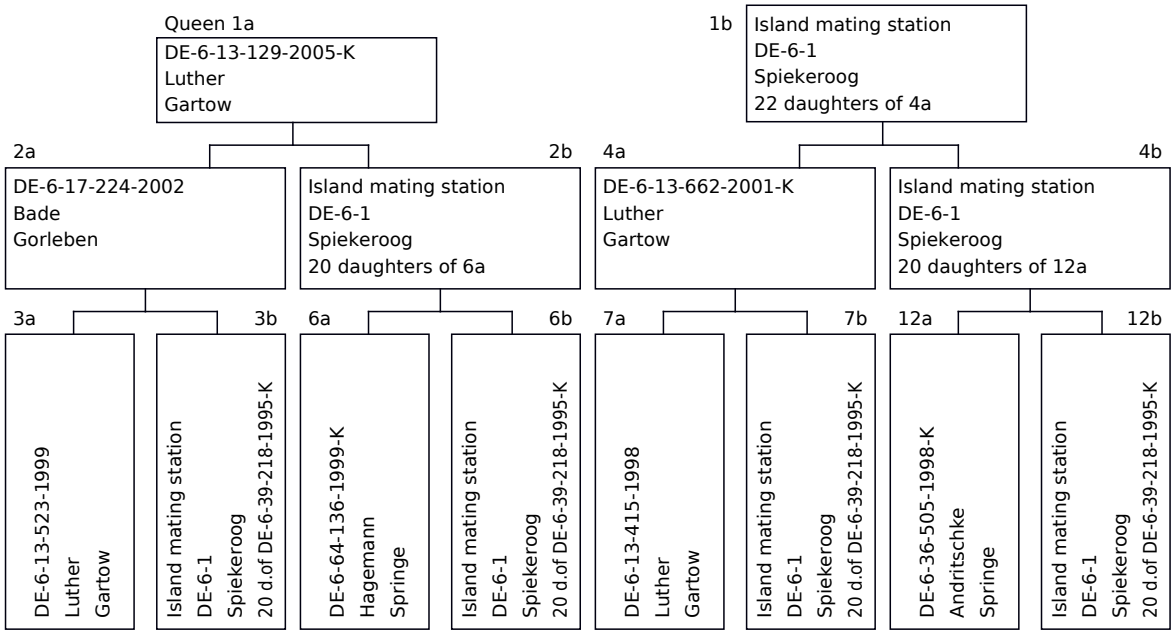
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-6-13-129-2005-K

LANDESVERBAND HANNOVERSCHER IMKER E.V.

| | | |
|---|---|---|
| Tester of the queen: | Luther, Friedrich, 29471 Gartow, DE-6-13, Apiary 1 | |
| Breeder of the queen: | Luther, Friedrich, 29471 Gartow, DE-6-13 | |
| **1a** Studbook number: | **DE-6-13-129-2005-K** | |
| | | Daughters of |
| Race line: -21 | Sign: blue | Queen: 21.6% |
| Generation: | Hatch date: | Workers: 22.5% |

## A. Pedigree




## B. Own performance

| | No. of the colony | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 63.6 | 112.1 | 5 | 9 | 56.7 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 86 | |
| Honey yield | - | 82 | 0.75 |
| Defensive behavior | 3.90 | 91 | 0.79 |
| Steadiness on comb | 3.90 | 94 | 0.78 |
| Swarming drive | 4 | 102 | 0.76 |
| Varroa | - | 82 | 0.77 |
| Performance index | - | 91 | 0.75 |
| Robustness in winter | | | |
| Development in Spring | | | |
| 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

# Breeding selection report DE-6-13-129-2005-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 24

| 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 | Swarming drive | Breeding Value Swarming drive | Varroa-index | Performance ndex |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE-6-13-125-2005-K | DE-6-13 | 1 | 85 | 64 | 80 | 3.9 | 89 | 3.9 | 97 | 4 | 98 | 83 | 88 |
| DE-6-13-129-2005-K | DE-6-13 | 1 | 86 | 63.6 | 82 | 3.9 | 91 | 3.9 | 94 | 4 | 102 | 82 | 91 |
| DE-6-13-130-2005-K | DE-6-13 | 1 | 82 | 72.5 | 82 | 4 | 86 | 4 | 88 | 4 | 98 | 80 | 86 |
| DE-6-13-132-2005-K | DE-6-13 | 1 | 83 | 61.8 | 80 | 3.9 | 90 | 3.9 | 92 | 4 | 98 | 80 | 88 |
| DE-6-13-105-2005 | DE-6-13 | 3 | 83 | 93 | 81 | 4 | 89 | 4 | 92 | 4 | 99 | 79 | 88 |
| DE-6-13-123-2005 | DE-6-17 | 2 | 83 |  | 81 |  | 87 |  | 90 |  | 97 | 80* | 87 |
| DE-6-13-124-2005 | DE-6-17 | 2 | 82 |  | 82 |  | 87 |  | 90 |  | 97 | 79* | 87 |
| DE-6-13-126-2005 | DE-6-17 | 2 | 80 |  | 81 |  | 86 |  | 89 |  | 100 | 76 | 87 |
| DE-6-13-131-2005 | DE-6-17 | 2 | 82 |  | 75 |  | 90 |  | 89 |  | 93 | 83* | 84 |
| DE-6-13-49-2004 | DE-6-13 | 1 | 81 | 41.9 | 78 | 3.9 | 88 | 3.9 | 91 | 4 | 97 | 78* | 86 |
| DE-6-13-75-2004-K | DE-6-13 | 1 | 87 | 60.8 | 85 | 4 | 99 | 4 | 103 | 4 | 102 | 76* | 97 |
| DE-6-13-79-2004 | DE-6-13 | 1 | 83 | 54.3 | 79 | 3.7 | 87 | 3.7 | 90 | 4 | 98 | 81* | 87 |
| DE-6-13-86-2004 | DE-6-13 | 1 | 82 | 53.9 | 79 | 3.9 | 90 | 3.9 | 92 | 4 | 99 | 78* | 88 |
| DE-6-13-95-2004 | DE-6-13 | 1 | 85 | 57.6 | 80 | 4 | 90 | 4 | 93 | 4 | 99 | 83* | 89 |
| DE-6-13-99-2004 | DE-6-13 | 1 | 82 | 54.4 | 79 | 4 | 91 | 4 | 93 | 4 | 99 | 77* | 89 |
| DE-6-13-82-2004-K | DE-6-13 | 3 | 82 | 74.6 | 78 | 4 | 88 | 4 | 91 | 4 | 97 | 79* | 86 |
| DE-6-13-98-2004 | DE-6-13 | 3 | 81 | 74.6 | 78 | 4 | 88 | 4 | 91 | 4 | 97 | 78* | 86 |
| DE-6-13-46-2004 | DE-6-17 | 2 | 78 |  | 74 |  | 87 |  | 90 |  | 94 | 76* | 84 |
| DE-6-13-59-2004 | DE-6-17 | 2 | 78 |  | 74 |  | 88 |  | 90 |  | 89 | 76* | 82 |
| DE-6-13-62-2004 | DE-6-17 | 2 | 84 |  | 75 |  | 93 |  | 96 |  | 99 | 80* | 89 |
| DE-6-13-66-2004 | DE-6-17 | 2 | 81 |  | 75 |  | 93 |  | 96 |  | 94 | 75* | 88 |
| DE-6-13-71-2004 | DE-6-17 | 2 | 79 |  | 79 |  | 82 |  | 86 |  | 96 | 78* | 83 |
| DE-6-13-42-2004 | DE-6-42 | 5 | 83 |  | 78 |  | 88 |  | 90 |  | 98 | 82* | 86 |
| DE-6-13-57-2004 | DE-6-42 | 5 | 82 |  | 79 |  | 87 |  | 90 |  | 98 | 80* | 87 |

Only one Varroa trait was recorded