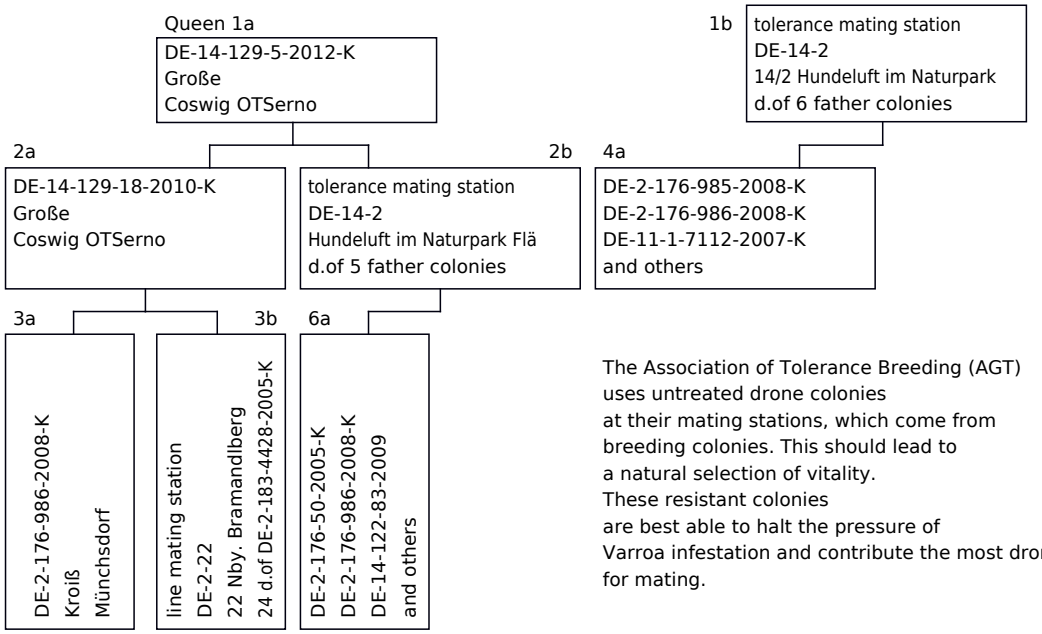
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-14-129-5-2012-K

Imkerverband Sachsen - Anhalt e.V.

| | | |
|---|---|---|
| Tester of the queen: | Große, Burkhardt, 06862 Coswig OTSerno, DE-14-129, Apiary 1 | |
| Breeder of the queen: | Große, Burkhardt, 06862 Coswig OTSerno, DE-14-129 | |
| **1a** Studbook number: | **DE-14-129-5-2012-K** | |
| | | Daughters of |
| Race line: | Sign: yellow 5 | Queen: 0% |
| Generation: | Hatch date: 15.05.2012 | Workers: 0% |

## A. Pedigree




The Association of Tolerance Breeding (AGT) uses untreated drone colonies at their mating stations, which come from breeding colonies. This should lead to a natural selection of vitality. These resistant colonies are best able to halt the pressure of Varroa infestation and contribute the most drones for mating.

## B. Own performance

| | No. of the colony Volk 11 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 86.5 | 129.8 | 1 | 9 | 66.7 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 108 | |
| Honey yield | - | 116 | 0.36 |
| Defensive behavior | 3.80 | 104 | 0.57 |
| Steadiness on comb | 3.90 | 105 | 0.6 |
| Swarming drive | 4 | 102 | 0.36 |
| Varroa | - | 105 | 0.48 |
| Performance index | - | 0 | |
| Robustness in winter | 3.70 | | |
| Development in Spring | 3.80 | | |
| Colony strength | 3.90 | | |

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.

17.05.2014

For the correctness DE-14

# Breeding selection report DE-14-129-5-2012-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 6

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE-14-129-5-2012-K | DE-14-129 | 1 | 108 | 86.5 | 116 | 3.8 | 104 | 3.9 | 105 | 4 | 102 | 105 | |
| DE-14-129-13-2012 | DE-14-129 | 1 | 93 | 53.5 | 88 | 3.8 | 93 | 3.6 | 92 | 3.8 | 84 | 103 | |
| DE-14-129-14-2012-D | DE-14-129 | 1 | 100 | 75 | 107 | 3.8 | 100 | 3.8 | 101 | 4 | 100 | 97 | |
| DE-14-129-54-2012 | DE-14-129 | 1 | 87 | 38.4 | 77 | 3.8 | 95 | 3.7 | 94 | 3.8 | 83 | 95 | |
| DE-14-129-81-2012-D | DE-14-129 | 1 | 98 | 75.5 | 105 | 3.8 | 94 | 3.6 | 95 | 4 | 98 | 99 | |
| DE-14-129-86-2012 | DE-14-129 | 1 | 88 | 34.8 | 76 | 3.8 | 100 | 3.9 | 101 | 4 | 93 | 89 | |