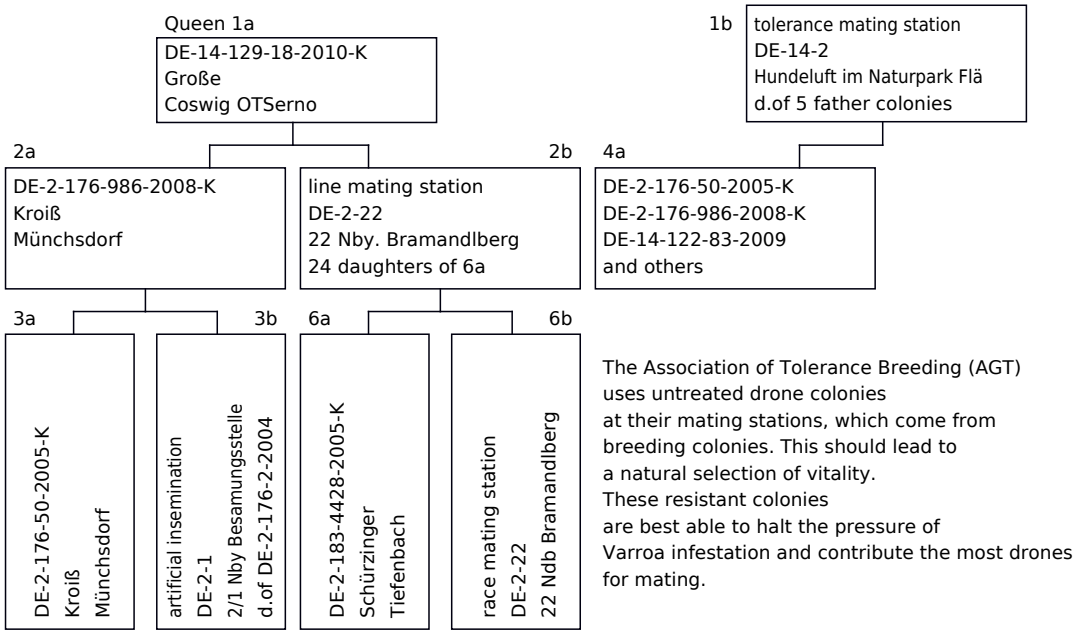
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-14-129-18-2010-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-14-129-18-2010-K**	
		Daughters of
Race line:	Sign: blue 18	Queen: 0%
Generation:	Hatch date: 15.05.2010	Workers: 0%

A. Pedigree

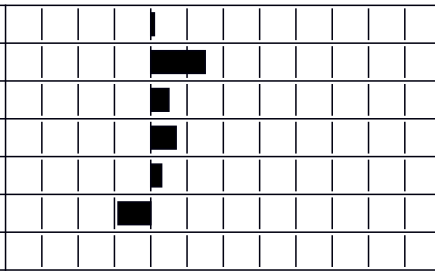


The Association of Tolerance Breeding (AGT) uses untreated drone colonies at their mating stations, which come from breeding colonies. This should lead to a natural selection of vitality. These resistant colonies are best able to halt the pressure of Varroa infestation and contribute the most drones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

B. Own performance

	No. of the colony V4			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	76.3	130.9	1	2	58.3

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	101	
Honey yield	-	115	0.25
Defensive behavior	3.90	105	0.34
Steadiness on comb	3.90	107	0.4
Swarming drive	4	103	0.28
Varroa	-	91	0.35
Performance index	-	0	
Robustness in winter	3.80		
Development in Spring	3.60		
Colony strength	4		



[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 A
Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

17.02.2013

For the correctness DE-14

Breeding selection report DE-14-129-18-2010-K

Page 2

Performance of the sisters

Amount of checked sisters: 5

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-14-122-56-2010	DE-14-122	1	95		95		103		103		98	91	
DE-14-122-57-2010	DE-14-122	1	112		123		105		105		104	108	
DE-14-122-88-2010	DE-14-122	1	108		105		113		114		103	101	
DE-14-122-111-2010	DE-14-122	1	99		95		102		102		85	105	
DE-14-129-18-2010-K	DE-14-129	1	101	76.3	115	3.9	105	3.9	107	4	103	91	