

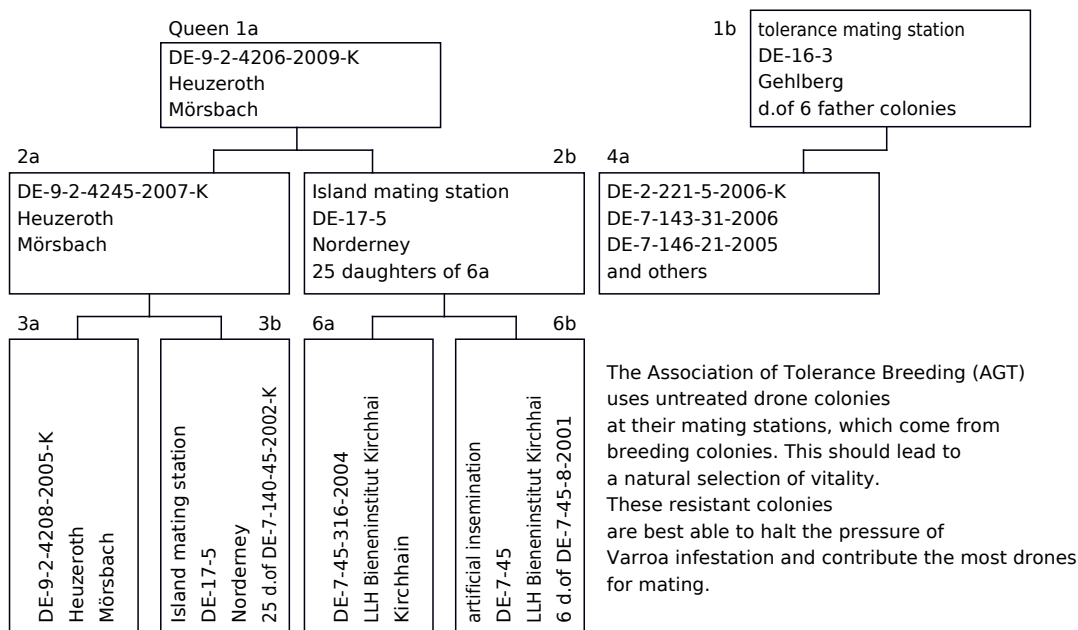
Breeding selection report

DE-9-2-4206-2009-K

Tester of the queen: Heuzeroth, Siegfried, 57629 Mörsbach, DE-9-2, Apiary 1
Breeder of the queen: Heuzeroth, Siegfried, 57629 Mörsbach, DE-9-2
1a Studbook number: **DE-9-2-4206-2009-K**

Race line: -3 Sign: green 6 Daughters of Queen: 0.6%
Generation: 5 Hatch date: 26.06.2009 Workers: 0%

A. Pedigree



B. Own performance

3. Own performance	No. of the colony 54				comparable colonies at the apiary						
	kg	%	Ranking		number	Yield average kg					
Performance test year	79.5	128.5	3		13	61.9					
	Assessment*	Breeding values									Reliability
Total breeding value ¹	-	124									
Honey yield	-	116									0.38
Defensive behavior	4	111									0.61
Steadiness on comb	3.90	109									0.63
Swarming drive	3.90	110									0.39
Varroa	-	130									0.5
Performance index	-	0									
Robustness in winter		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	70% 100% 170%								
Development in Spring											
Colony strength											

¹In 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.

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Performance of the sisters

Amount of checked sisters: 3

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	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-9-2-4204-2009	DE-9-2	1	121	80	116	4	110	3.9	109	3.8	110	122	
DE-9-2-4206-2009-K	DE-9-2	1	124	79.5	116	4	111	3.9	109	3.9	110	130	
DE-9-2-4209-2009	DE-9-2	1	91	41.5	84	3.8	88	3.2	87	3.5	90	101	