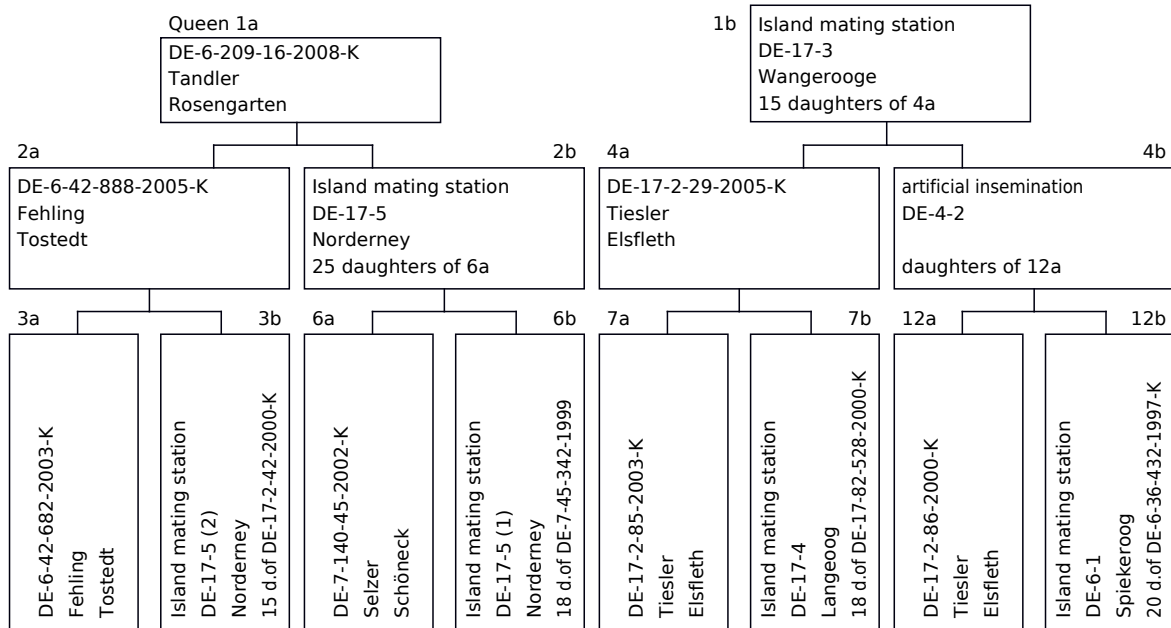


Tester of the queen: Tandler, Clemens, Rosengarten, DE-6-209, Apiary 1
 Breeder of the queen: Tandler, Clemens, Rosengarten, DE-6-209
1a Studbook number: **DE-6-209-16-2008-K**

Race line: -22 Sign: red 40 Daughters of Queen: 1.3%
 Generation: 1 Hatch date: 10.07.2008 Workers: 3.6%

A. Pedigree



B. Own performance

Performance test year	No. of the colony Volk 14			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	34.5	120.5	5	15	28.6
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	112			
Honey yield	-	97			0.48
Defensive behavior	3.10	107			0.66
Steadiness on comb	3	104			0.68
Swarming drive	4	106			0.47
Varroa	-	118			0.56
Performance index	-	0			
Robustness in winter			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

none Analysis of race characteristics

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.

Breeding selection report DE-6-209-16-2008-K

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Performance of the sisters

Amount of checked sisters: 14

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 index
DE-6-42-138-2008	DE-6-42	4	131		99		Behavior		109		drive	134	
DE-6-42-142-2008	DE-6-42	4	92		88				103		111	82	
DE-6-198-1-2008	DE-6-198	1	99		94				101		106	97	
DE-6-198-2-2008	DE-6-198	1	121		110				129		128	106	
DE-6-198-3-2008	DE-6-198	1	88		88				96		100	85	
DE-6-198-4-2008	DE-6-198	2	102		98				105		113	96	
DE-6-198-5-2008	DE-6-198	2	86		101				90		106	77	
DE-6-198-6-2008	DE-6-198	2	110		94				116		113	105	
DE-6-198-7-2008	DE-6-198	2	120		105				119		116	118	
DE-6-209-16-2008-K	DE-6-209	1	112	34.5	97	3.1	107	3	104	4	106	118	
DE-6-209-19-2008	DE-6-209	1	89	22	87	2.8	96	2.8	96	4	106	84	
DE-6-209-20-2008	DE-6-209	1	122	54	111	3.2	117	3.2	113	4	113	123	
DE-6-209-22-2008-K	DE-6-209	1	106	27	92	2.9	100	2.8	96	4	100	117	
DE-6-209-32-2008	DE-6-209	1	95	24.5	92	3.1	109	3.1	110	4	115	81	