

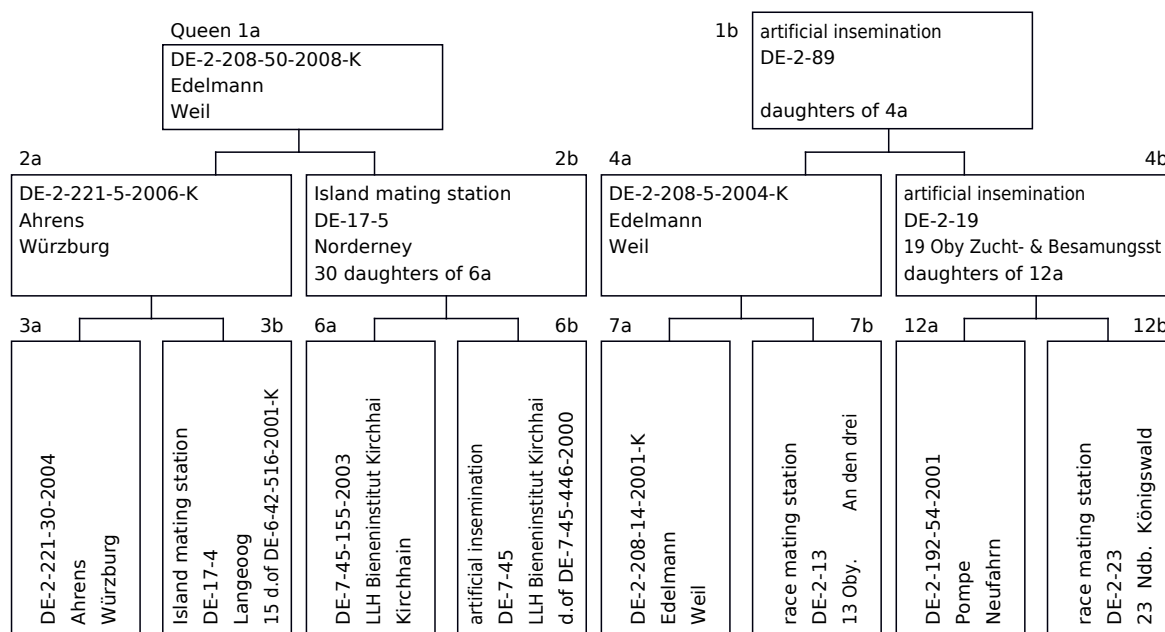
Tester of the queen: Edelmann, Dieter, 86947 Weil, DE-2-208, Apiary 1
 Breeder of the queen: Edelmann, Dieter, 86947 Weil, DE-2-208
1a Studbook number: **DE-2-208-50-2008-K**

Race line: -3
 Generation: 1

Sign: red 69
 Hatch date: 10.6.2008

Daughters of
 Queen: 0.4%
 Workers: 0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 54			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	36.5	108.4	9	20	33.7
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	124			
Honey yield	-	111			0.38
Defensive behavior	4	122			0.57
Steadiness on comb	4	121			0.6
Swarming drive	4	109			0.39
Varroa	-	123			0.48
Performance index	-	0			
Robustness in winter	4		70%	100%	170%
Development in Spring	4				
Colony strength	4				

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-2-208-50-2008-K

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Performance of the sisters

Amount of checked sisters: 8

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-2-208-49-2008	DE-2-208	1	111	34.5	107	3.5	107	4	107	4	107	107	
DE-2-208-50-2008-K	DE-2-208	1	124	36.5	111	4	122	4	121	4	109	123	
DE-2-208-52-2008	DE-2-208	1	91	14.5	86	3	93	3	92	4	94	97	
DE-2-208-54-2008	DE-2-208	1	92	12	83	3	93	3	92	4	92	99	
DE-2-208-55-2008	DE-2-208	1	113	31	106	4	122	4	122	4	113	101	
DE-2-208-56-2008	DE-2-208	1	115	34.5	109	4	122	4	122	4	113	104	
DE-2-208-57-2008	DE-2-208	1	97	30	97	3	94	3	93	3	82	106	
DE-2-208-58-2008	DE-2-208	1	94	29.5	97	3	94	3	94	3	83	101	