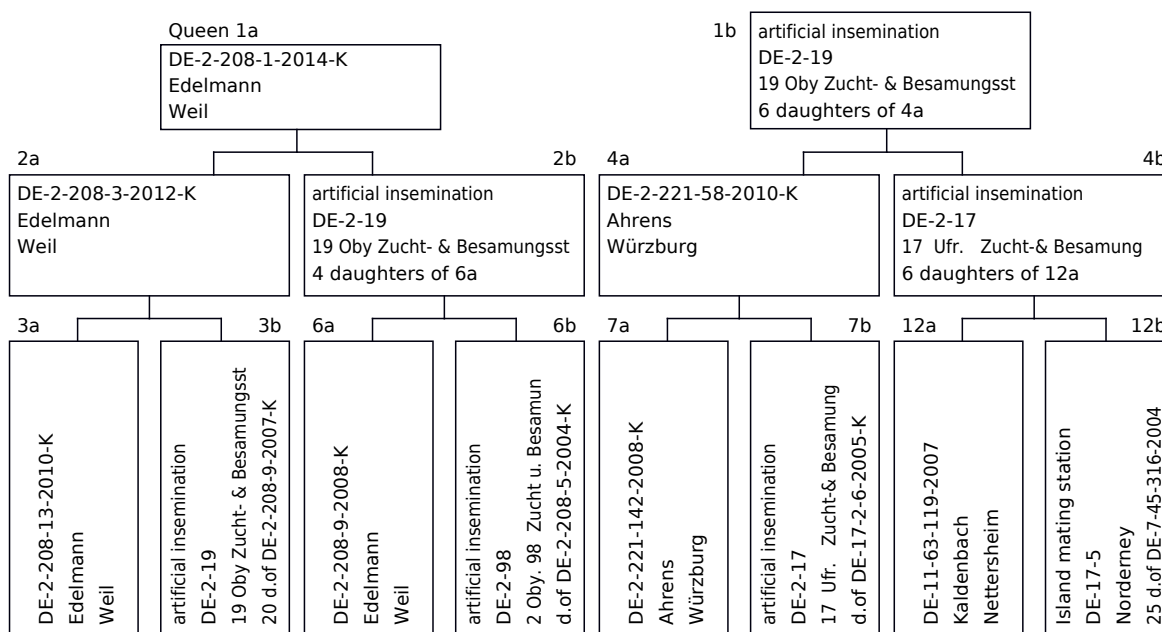


Tester of the queen: Edelmann, Dieter, 86947 Weil, DE-2-208, Apiary 1
 Breeder of the queen: Edelmann, Dieter, 86947 Weil, DE-2-208
1a Studbook number: **DE-2-208-1-2014-K**

Race line: -1 Sign: green 1 Daughters of Queen: 5.5%
 Generation: 5 Hatch date: 21.5.2014 Workers: 0.6%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 35			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	46	136.2	1	9	33.8
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	128			
Honey yield	-	120			0.35
Defensive behavior	4	130			0.52
Steadiness on comb	4	129			0.56
Swarming drive	4	118			0.36
Varroa	-	118			0.45
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-2-208-1-2014-K

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Performance of the sisters

Amount of checked sisters: 9

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-2-208-1-2014-K	DE-2-208	1	128	46	120	4	130	4	129	4	118	118	
DE-2-208-2-2014	DE-2-208	1	100	31	96	3	95	3	94	4	98	107	
DE-2-208-3-2014	DE-2-208	1	104	34	101	3.5	102	3	102	4	104	104	
DE-2-208-4-2014	DE-2-208	1	100	31	96	3	95	3	94	4	98	107	
DE-2-208-5-2014	DE-2-208	1	100	30	95	3	94	3	93	4	97	108	
DE-2-208-6-2014	DE-2-208	1	102	38	103	3	95	3	95	4	100	105	
DE-2-208-7-2014-K	DE-2-208	1	125	36	110	4	129	4	128	4	115	118	
DE-2-208-8-2014	DE-2-208	1	94	29	94	3	94	3	95	4	100	96	
DE-2-208-9-2014	DE-2-208	1	100	29	96	3.5	102	3	102	4	103	99	