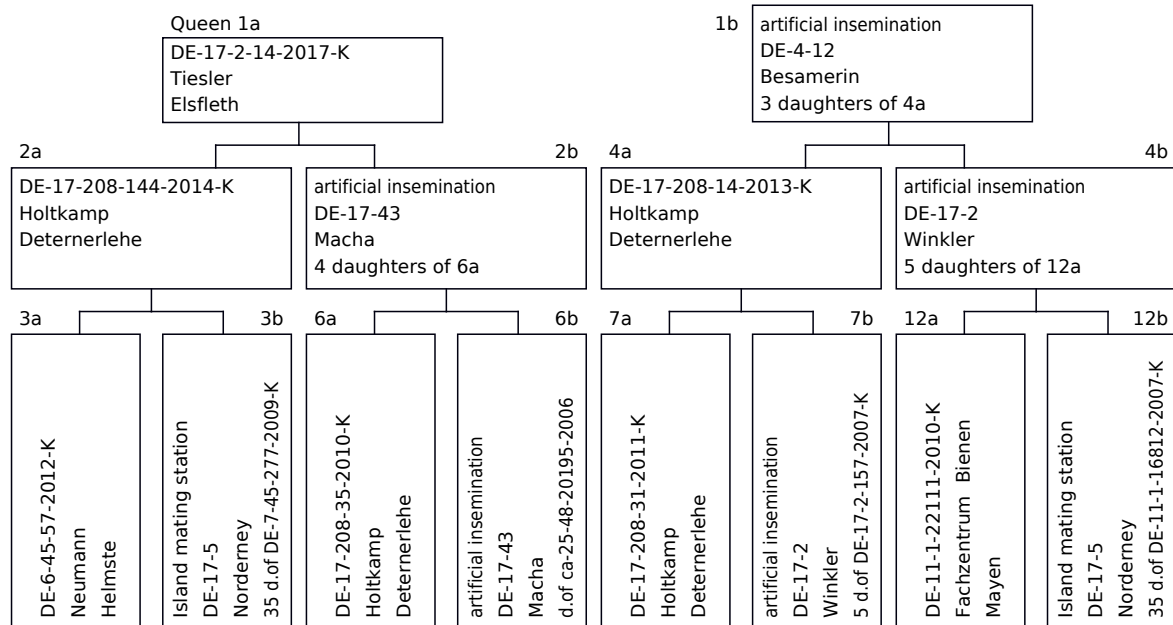


Tester of the queen: Schiebel, Fabian, 87763 Lautrach, DE-6-222, Apiary 1
 Breeder of the queen: Tiesler, Friedrich Karl, 26931 Elsfleth, DE-17-2
1a Studbook number: **DE-17-2-14-2017-K**

Race line: -40 Sign: yellow 96 Daughters of Queen: 9.8%
 Generation: Hatch date: 23.05.2017 Workers: 0.7%

A. Pedigree



B. Own performance

Performance test year	No. of the colony S130			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	20.4	164.3	4	16	12.4
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	117			
Honey yield	-	106			0.42
Defensive behavior	3.83	114			0.63
Steadiness on comb	3.67	116			0.63
Swarming drive	3.83	102			0.39
Varroa	-	117			0.37
Performance index	-	0			
Robustness in winter			70%	100%	170%
Development in Spring	2				
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

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.

Breeding selection report DE-17-2-14-2017-K

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Performance of the sisters

Amount of checked sisters: 13

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-17-2-10-2017	DE-6-222	1	101	23.1	97	3.7	Behavior	3.5	100	4	100	100	100
DE-17-2-11-2017	DE-6-222	1	99	18.5	95	3.8	100	3.5	104	4	102	96	100
DE-17-2-14-2017-K	DE-6-222	1	117	20.4	106	3.8	114	3.7	116	3.8	102	117	
DE-17-2-13-2017	DE-17-2	1	96		90		99		103		98	94	97
DE-17-2-9-2017	DE-17-2	3	97		91		99		103		98	95	98
DE-17-2-12-2017	DE-17-2	3	99		96		100		104		103	94	101
DE-17-208-295-2017	DE-17-208	4	97		95		88		88		89	113	
DE-17-208-289-2017	DE-17-208	7	114		111		121		121		114	98	
DE-17-208-290-2017	DE-17-208	7	115		97		123		123		112	105	
DE-17-208-294-2017	DE-17-208	7	128		117		121		121		114	123	
DE-17-208-291-2017	DE-17-208	9	108		100		112		113		105	103	
DE-17-208-292-2017	DE-17-208	9	110		101		112		113		105	105	
DE-17-208-293-2017	DE-17-208	9	98		90		96		96		101	104	