

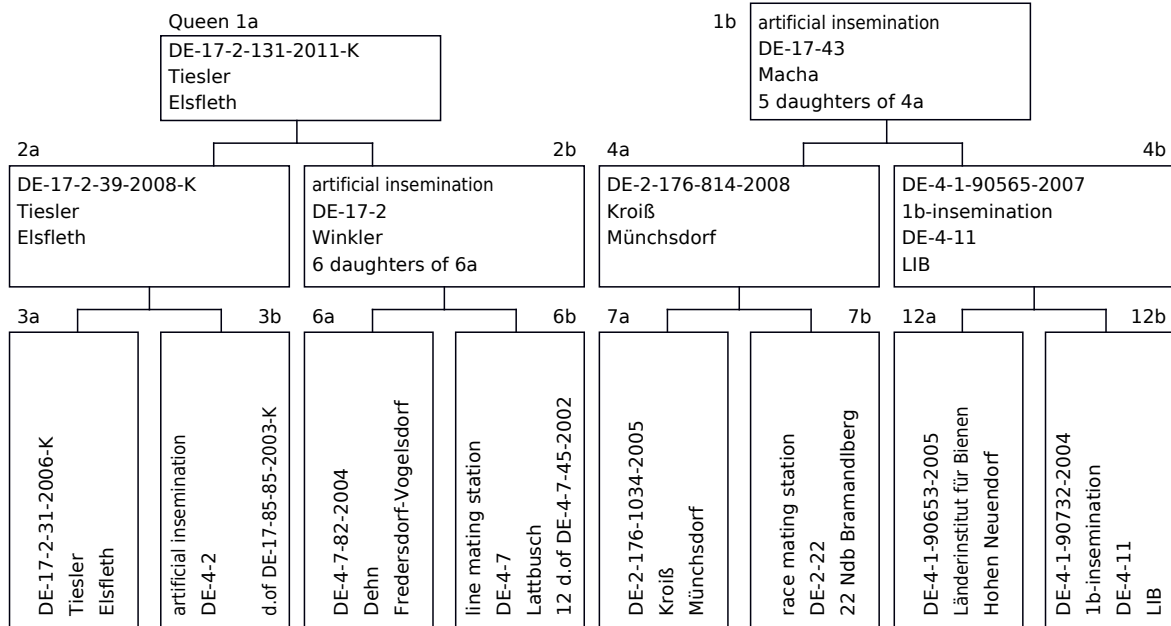
Tester of the queen: Neumann, Axel, Helmste, DE-6-45, Apiary 4
Breeder of the queen: Tiesler, Friedrich Karl, 26931 Elsfleth, DE-17-2
1a Studbook number: **DE-17-2-131-2011-K**

Race line: -25
Generation:

Sign: white 56
Hatch date:

Daughters of
Queen: 1.3%
Workers: 0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 156			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	43.4	120.7	7	19	36.0
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	131			
Honey yield	-	112			0.42
Defensive behavior	4	118			0.63
Steadiness on comb	4	114			0.66
Swarming drive	4	103			0.41
Varroa	-	142*			0.52
Performance index	-	0			
Robustness in winter	2		70%	100%	170%
Development in Spring	2				
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%.

Only one Varroa trait was recorded

C. Performance of the sisters

See page 2

D. Body features, see appendix

none Analysis of race characteristics

E. Results

Class A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

Breeding selection report DE-17-2-131-2011-K

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Performance of the sisters

Amount of checked sisters: 4

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-17-2-130-2011	DE-6-45	4	104	13	97	4	Behavior	4	during	4	drive	93*	
DE-17-2-131-2011-K	DE-6-45	4	131	43.4	112	4	118	4	114	4	103	142*	
DE-17-2-126-2011-K	DE-17-2	1	101		110		104		105		108	91	
DE-17-2-129-2011	DE-17-2	1	103		118		109		111		115	86	

Only one Varroa trait was recorded