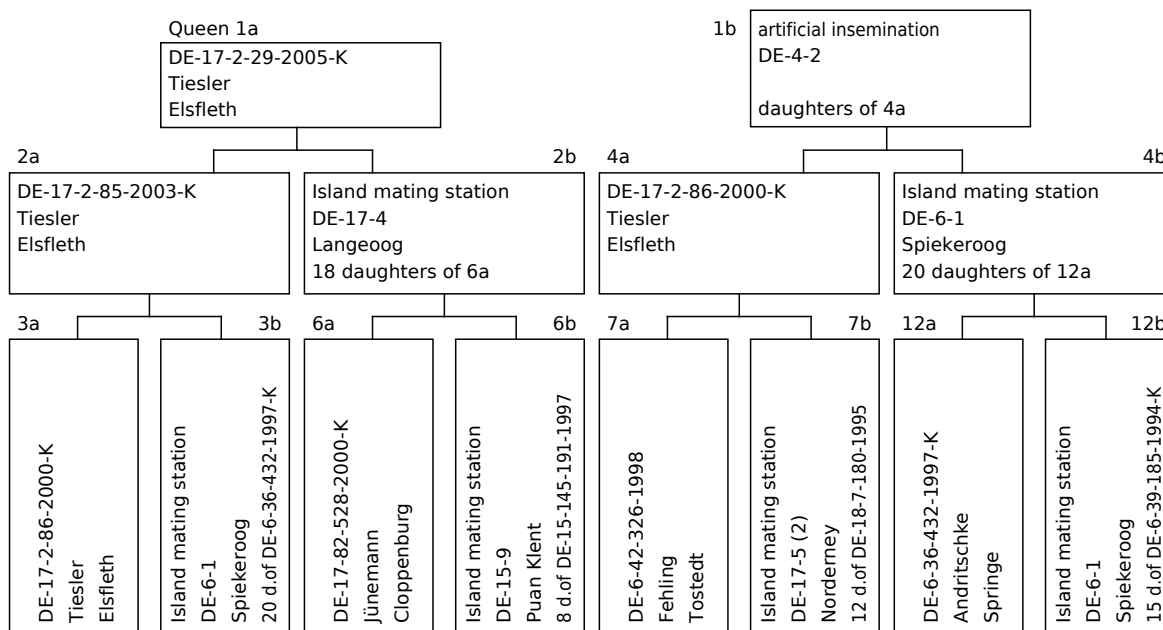


Tester of the queen: Tiesler, Friedrich Karl, 26931 Elsfleth, DE-17-2, Apiary 1
 Breeder of the queen: Tiesler, Friedrich Karl, 26931 Elsfleth, DE-17-2
1a Studbook number: **DE-17-2-29-2005-K**

Race line: -22 Sign: blue Daughters of Queen: 0%
 Generation: Hatch date: Workers: 9.8%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	86.6	150.3	2	58	57.6
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	126			
Honey yield	-	124			0.48
Defensive behavior	4	121			0.69
Steadiness on comb	4	120			0.71
Swarming drive	4	119			0.48
Varroa	-	119			0.57
Performance index	-	0			
Robustness in winter			70%	100%	170%
Development in Spring	1.50				
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

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-17-2-29-2005-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 Behavior	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-17-2-21-2005	DE-17-2	1	107	51.7	101	4	101	4	101	4	101	94	
DE-17-2-22-2005	DE-17-2	1	104	59.1	102	3.8	102	3.8	101	4	107	102	
DE-17-2-23-2005-K	DE-17-2	1	118	51.6	100	3.9	109	3.9	106	4	104	127	
DE-17-2-24-2005	DE-17-2	1	102	50.6	96	3.8	105	3.9	104	3	93	105	
DE-17-2-26-2005	DE-17-2	1	112	62.3	107	4	115	3.9	114	4	114	105	
DE-17-2-28-2005	DE-17-2	1	113	71.3	114	4	119	4	120	4	119	98	
DE-17-2-29-2005-K	DE-17-2	1	126	86.6	124	4	121	4	120	4	119	119	
DE-17-2-30-2005	DE-17-2	1	111	61.7	107	4	115	3.9	114	4	115	102	
DE-17-2-33-2005	DE-17-2	3	109	32	109	3.9	111	3.9	110	4	111	102*	

Only one Varroa trait was recorded