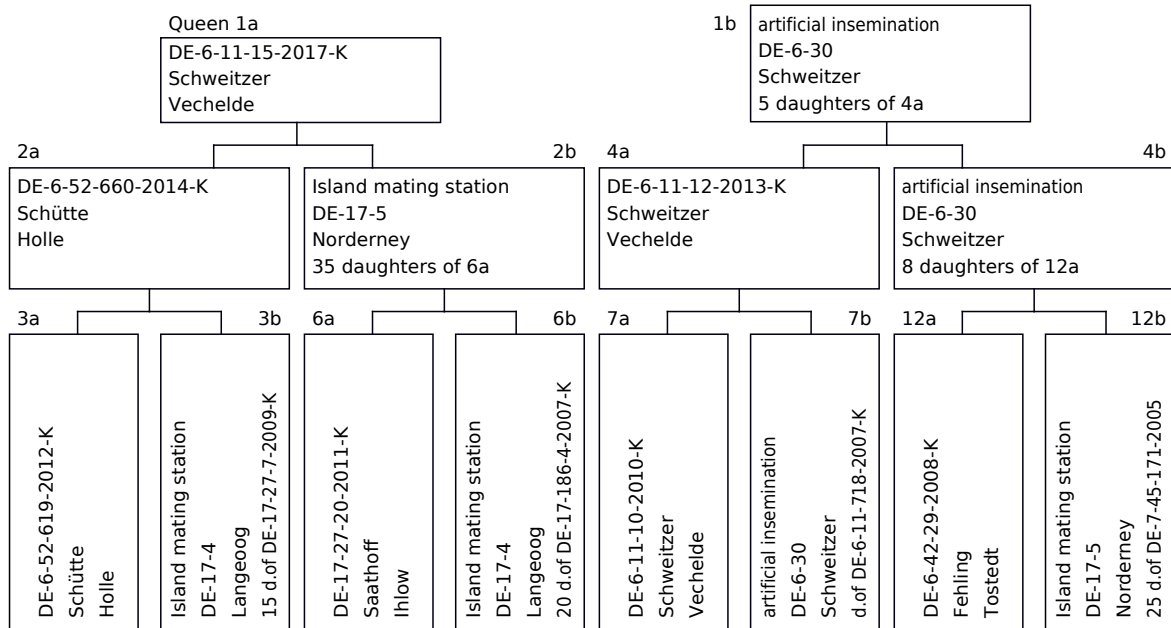


Tester of the queen: Schweitzer, Beate, Vechelde, DE-6-11, Apiary 1
 Breeder of the queen: Schweitzer, Beate, Vechelde, DE-6-11
1a Studbook number: **DE-6-11-15-2017-K**

Race line: -70 Sign: yellow 71 Daughters of Queen: 8.0%
 Generation: 1 Hatch date: 06.06.2017 Workers: 2.0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony Z37			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	116.5	114.7	2	6	101.6	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	102	█			
Honey yield	-	110	█			0.29
Defensive behavior	4	101	█			0.39
Steadiness on comb	4	104	█			0.39
Swarming drive	4	104	█			0.23
Varroa	-	93*	█			0.08
Performance index	-	104	█			0.32
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%.

Only one Varroa trait was recorded

C. Performance of the sisters

See page 2

D. Body features, see appendix

See attached characteristic documents:

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-6-11-15-2017-K

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Performance of the sisters

Amount of checked sisters: 12

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-6-11-5-2017-K	DE-6-11	1	102	118.8	110	4	Behavior	4	104	4	104	93*	105
DE-6-11-8-2017	DE-6-11	1	87	115.3	95	3.9	90	4	103	4	88	85*	89
DE-6-11-9-2017	DE-6-11	1	82	69.9	88	3.8	85	3.5	83	4	79	87*	81
DE-6-11-10-2017-D	DE-6-11	1	101	102.1	108	4	101	4	104	4	104	93*	104
DE-6-11-15-2017-K	DE-6-11	1	102	116.5	110	4	101	4	104	4	104	93*	104
DE-6-11-17-2017-D	DE-6-11	1	101	86.7	106	3.9	100	4	103	4	104	93*	103
DE-6-11-1-2017-D	DE-6-11	2	100	66.5	107	3.8	98	3.5	100	4	103	95*	101
DE-6-11-2-2017-D	DE-6-11	2	99	56.7	106	3.9	99	3.5	101	4	103	93*	102
DE-6-11-4-2017-D	DE-6-11	2	100	87.2	108	3.9	99	3.5	101	4	104	94*	102
DE-6-11-13-2017-D	DE-6-11	2	104	123.2	113	4	102	4	106	4	105	94*	107
DE-6-11-14-2017	DE-6-11	2	87	20.1	89	4	98	4	101	4	84	83*	91
DE-6-11-22-2017-D	DE-6-11	2	100	72.1	107	4	100	3.5	101	4	104	93*	102

Only one Varroa trait was recorded