

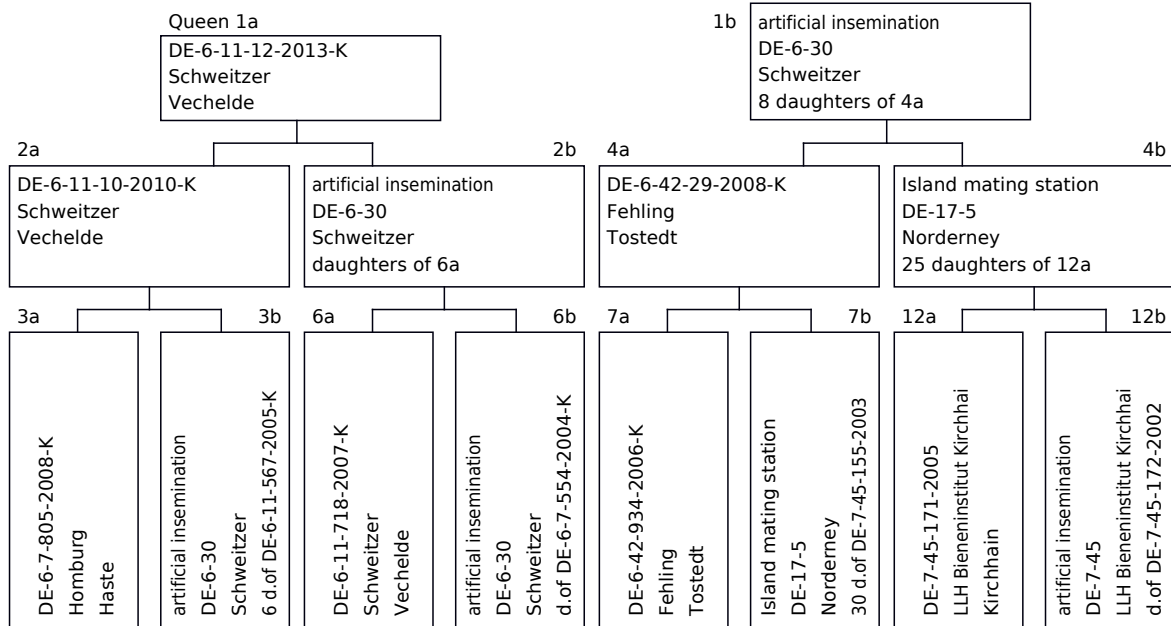
Tester of the queen: Schweitzer, Beate, Vechelde, DE-6-11, Apiary 2
 Breeder of the queen: Schweitzer, Beate, Vechelde, DE-6-11
1a Studbook number: **DE-6-11-12-2013-K**

Race line: -30
 Generation: 14

Sign: red 24
 Hatch date: 9.6.2013

Daughters of
 Queen: 6%
 Workers: 1.1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony T4			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	107.1	132.5	1	6	80.8
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	119			
Honey yield	-	133			0.37
Defensive behavior	3.80	111			0.53
Steadiness on comb	3.50	112			0.56
Swarming drive	4	119			0.36
Varroa	-	108*			0.26
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%.

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-6-11-12-2013-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 index
DE-6-11-1-2013-D	DE-6-11	2	105	77.5	106	3.7	Behavior	3	105	4	105	107*	
DE-6-11-3-2013-D	DE-6-11	2	96	73.7	101	3.6	94	3	95	1	86	100*	
DE-6-11-4-2013-D	DE-6-11	2	109	82.6	112	3.7	105	3.5	105	4	110	106*	
DE-6-11-5-2013-D	DE-6-11	2	109	53.9	92	3.8	116	4	116	4	109	105*	
DE-6-11-6-2013-D	DE-6-11	2	109	90.1	118	3.6	102	3.5	103	4	110	106*	
DE-6-11-12-2013-K	DE-6-11	2	119	107.1	133	3.8	111	3.5	112	4	119	108*	
DE-6-11-2-2013-D	DE-6-11	3	104	55.9	107	3.7	99	3.5	100	3	102	106*	
DE-6-11-8-2013-D	DE-6-11	3	114	53.9	109	3.9	117	4	118	1	103	109*	
DE-6-11-9-2013-D	DE-6-11	3	117	79	128	3.8	105	3.5	106	4	126	109*	

Only one Varroa trait was recorded