

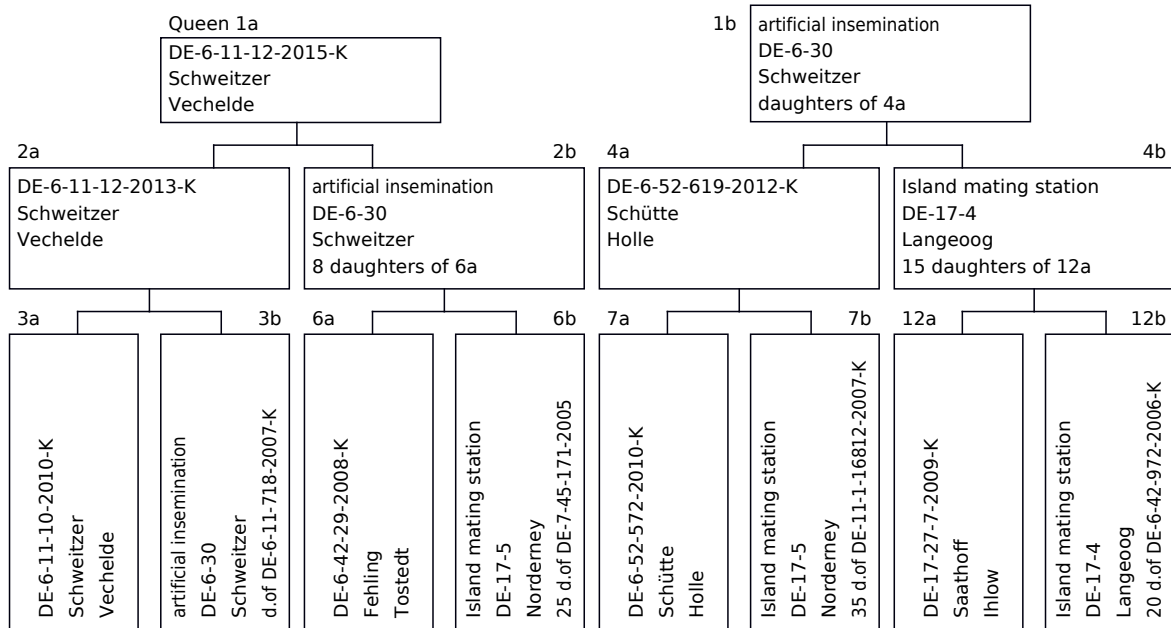
Tester of the queen: Schweitzer, Beate, Vechelde, DE-6-11, Apiary 3
 Breeder of the queen: Schweitzer, Beate, Vechelde, DE-6-11
1a Studbook number: **DE-6-11-12-2015-K**

Race line: -30
 Generation: 15

Sign: blue 85
 Hatch date: 03.06.2015

Daughters of
 Queen: 2.2%
 Workers: 2.4%

A. Pedigree



B. Own performance

Performance test year	No. of the colony Z34			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	94.4	107.5	1	3	87.8
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	110			
Honey yield	-	117			0.27
Defensive behavior	3.90	104			0.38
Steadiness on comb	3.50	105			0.43
Swarming drive	3	111			0.29
Varroa	-	105*			0.21
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

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-6-11-12-2015-K

Page 2

Performance of the sisters

Amount of checked sisters: 11

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-6-11-15-2015	DE-6-11	1	102	59.8	100	3.9	Behavior	3.5	100	4	drive	98*	
DE-6-11-16-2015	DE-6-11	1	103	66.9	104	3.9	101	3.5	inspection	1	95	106*	
DE-6-11-18-2015-D	DE-6-11	1	109	64.1	106	4	118	4	118	2	103	101*	
DE-6-11-21-2015-D	DE-6-11	1	113	99.1	132	3.8	100	3.5	101	4	120	106*	
DE-6-11-8-2015-D	DE-6-11	2	110	98.4	119	4	106	3.5	107	4	111	104*	
DE-6-11-14-2015-D	DE-6-11	2	99	87	104	3.9	94	3	94	4	102	100*	
DE-6-11-19-2015-K	DE-6-11	2	116	96.2	120	4	116	4	117	4	114	107*	
DE-6-11-22-2015-D	DE-6-11	2	102	78.8	99	4	104	3.5	104	4	105	100*	
DE-6-11-11-2015-D	DE-6-11	3	109	85.8	109	4	108	3.5	108	3	111	104*	
DE-6-11-12-2015-K	DE-6-11	3	110	94.4	117	3.9	104	3.5	105	3	111	105*	
DE-6-11-23-2015-D	DE-6-11	3	102	83.3	105	3.9	104	3.5	104	2	101	100*	

Only one Varroa trait was recorded