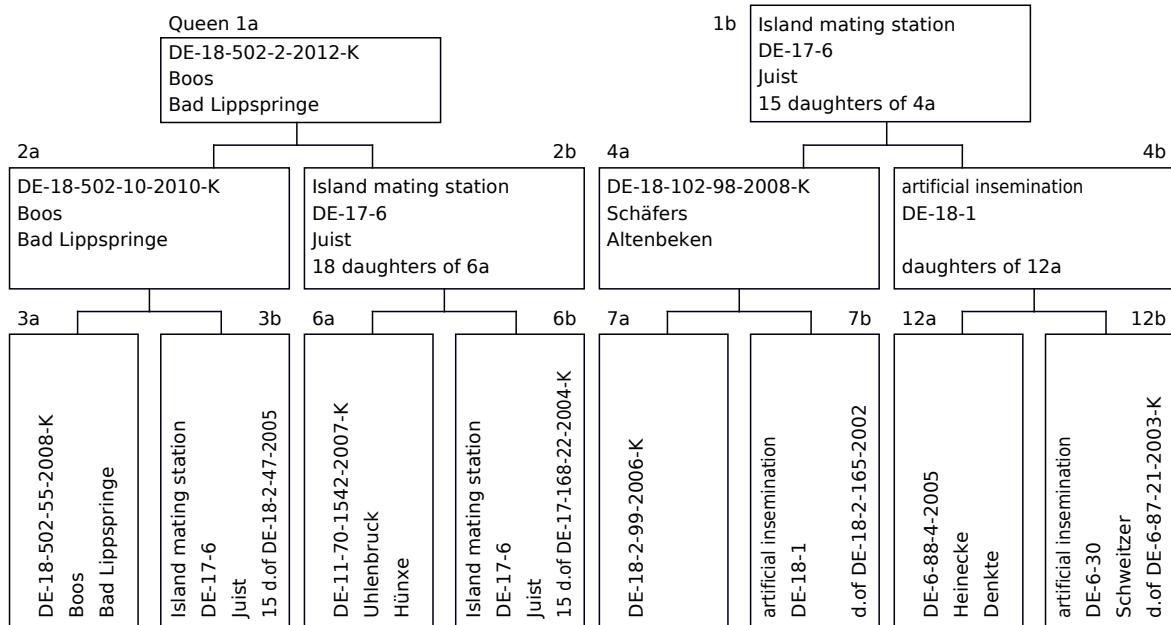


Tester of the queen: Hasenöhrl, Josef, 94447 Plattling, DE-2-260, Apiary 23
 Breeder of the queen: Boos, Josef, 33175 Bad Lippspringe, DE-18-502
1a Studbook number: **DE-18-502-2-2012-K**

Race line: -Skl 73 Sign: yellow Daughters of Queen: 0.7%
 Generation: 15 Hatch date: Workers: 1.8%

A. Pedigree



B. Own performance

Performance test year	No. of the colony ZV			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	82	172.6	1	7	47.5
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	118			
Honey yield	-	125			0.42
Defensive behavior	3.80	119			0.59
Steadiness on comb	3.70	120			0.61
Swarming drive	4	115			0.4
Varroa	-	(105)			0.29
Performance index	-	0			
Robustness in winter			70%	100%	170%
Development in Spring					
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

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-18-502-2-2012-K

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Performance of the sisters

Amount of checked sisters: 13

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 ndex
DE-18-502-2-2012-K	DE-2-260	23	118	82	125	3.8	119	3.7	120	4	115	(105)	
DE-18-502-17-2012	DE-7-166	1	95		113		108		inspection 112		126	68	
DE-18-502-11-2012	DE-17-148	1	108		100		109		108		96	110	
DE-18-502-21-2012	DE-18-102	1	98		109		103		105		114	84	
DE-18-203-12-2012	DE-18-202	1	99		95		101		101		103	(98)	
DE-18-502-3-2012	DE-18-202	1	103		103		105		105		107	(99)	
DE-18-203-3-2012	DE-18-203	1	94		87		99		99		95	(96)	
DE-18-203-6-2012	DE-18-203	1	107		106		109		109		105	(102)	
DE-18-203-7-2012	DE-18-203	1	97		101		96		97		98	(97)	
DE-18-502-12-2012	DE-18-502	1	100		97		95		95		98	105	
DE-18-502-13-2012	DE-18-502	1	107		99		96		93		95	120	
DE-18-502-14-2012	DE-18-502	1	125		121		123		123		115	117	
DE-18-502-20-2012	DE-18-502	1	108		111		105		104		106	106	