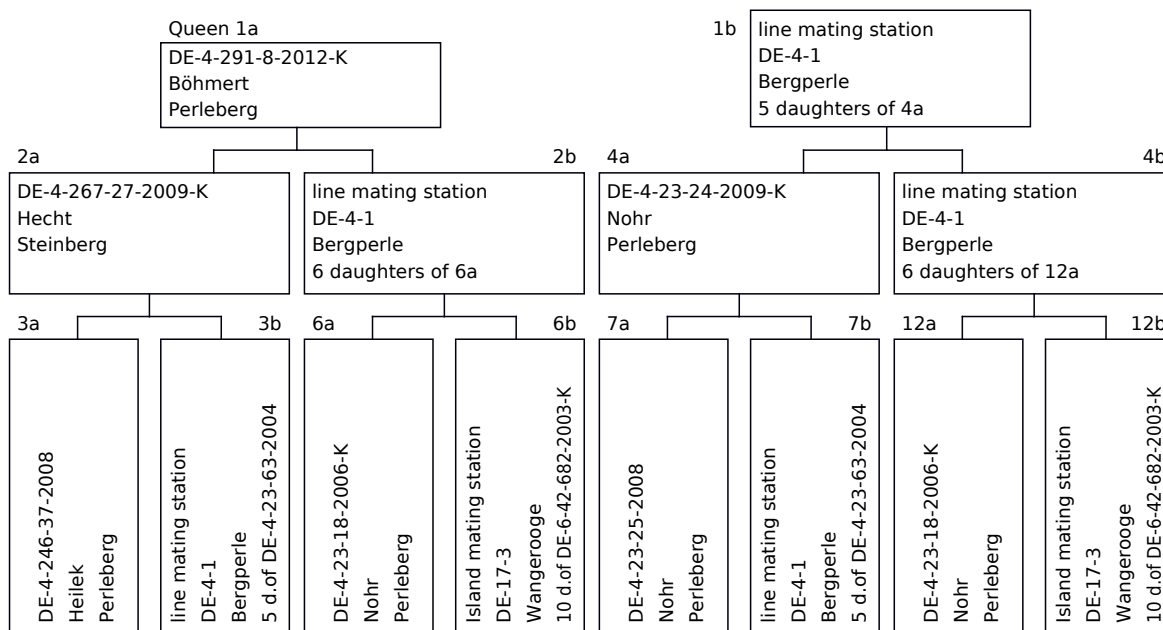


Tester of the queen: Böhmert, Jörg, 19348 Perleberg, DE-4-291, Apiary 2  
 Breeder of the queen: Böhmert, Jörg, 19348 Perleberg, DE-4-291  
**1a** Studbook number: **DE-4-291-8-2012-K**

Race line: Sign: yellow Daughters of Queen: 6.4%  
 Generation: Hatch date: Workers: 11.7%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	65	120.5	1	8	53.9	
	Assessment*	Breeding values			Reliability	
<b>Total breeding value<sup>1</sup></b>	-	108	■			
Honey yield	-	114	■			0.31
Defensive behavior	3	105	■			0.46
Steadiness on comb	4	105	■			0.5
Swarming drive	3.80	108	■			0.3
Varroa	-	(103)	■			0.16
Performance index	-	0				
Robustness in winter	3.70	70% 100% 170%				
Development in Spring	3.40					
Colony strength	3.70					

<sup>1</sup>In 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 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-4-291-8-2012-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 14

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-4-23-36-2012	DE-4-246	1	105		111		Behavior		109		109	(104)	
DE-4-23-45-2012	DE-4-246	1	108		106				106		111	(104)	
DE-4-246-15-2012	DE-4-246	1	105		107				102		102	(105)	
DE-4-246-16-2012-K	DE-4-246	1	112		109				107		110	(110)	
DE-4-246-29-2012	DE-4-246	1	102		95				103		106	(100)	
DE-4-246-38-2012	DE-4-246	1	97		91				96		93	(102)	
DE-4-23-32-2012	DE-4-291	2	99	42	92	3.1	101	3.9	101	3.7	99	(100)	
DE-4-23-34-2012	DE-4-291	2	91	41	87	3.2	91	3.3	89	3.4	88	(100)	
DE-4-291-6-2012	DE-4-291	2	102	58.5	107	3	99	3.8	99	3.8	104	(102)	
DE-4-291-8-2012-K	DE-4-291	2	108	65	114	3	105	4	105	3.8	108	(103)	
DE-4-291-11-2012	DE-4-291	2	108	64	112	3.5	104	3.6	103	3.7	106	(107)	
DE-4-291-15-2012	DE-4-291	2	108	61	109	3.6	106	3.6	105	3.5	102	(107)	
DE-4-291-26-2012	DE-4-291	2	112	53	104	3.8	113	3.7	112	3.8	111	(109)	
DE-4-291-27-2012	DE-4-291	2	108	47	98	3.7	110	3.7	108	3.9	110	(106)	