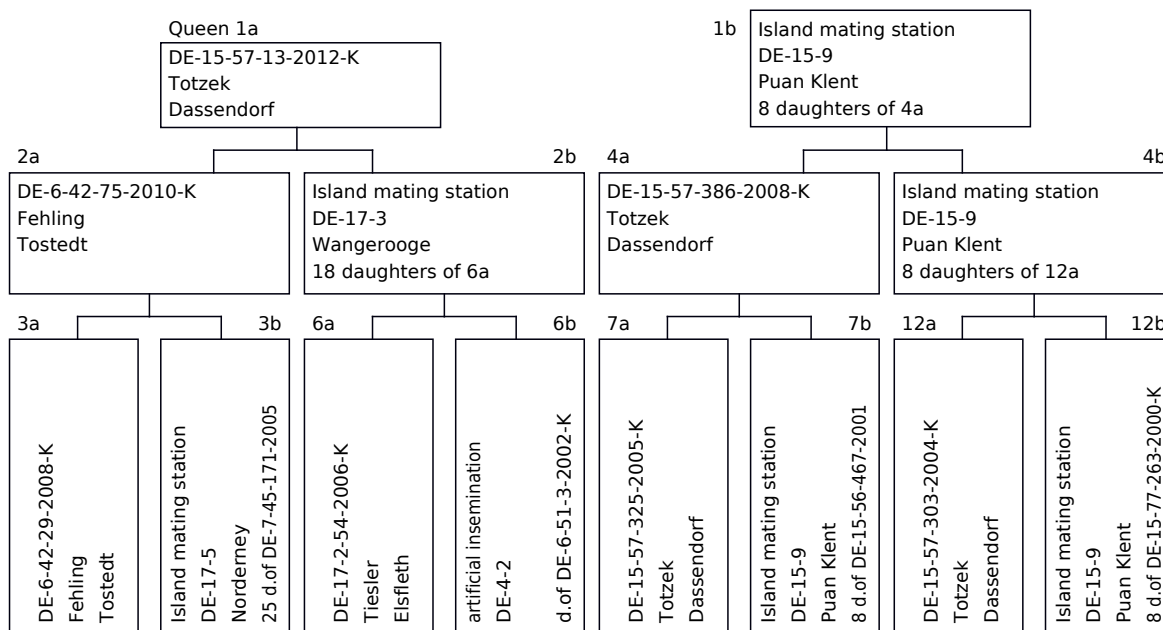


Tester of the queen: Totzek, Hans-Joachim, 21521 Dassendorf, DE-15-57, Apiary 2  
 Breeder of the queen: Totzek, Hans-Joachim, 21521 Dassendorf, DE-15-57  
**1a** Studbook number: **DE-15-57-13-2012-K**

Race line: -1 Sign: yellow 13 Daughters of Queen: 1.1%  
 Generation: 19 Hatch date: 29.06.2012 Workers: 0%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	81	131.7	1	6	61.5
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	117	[Bar chart]		
Honey yield	-	119	[Bar chart]		
Defensive behavior	3.90	105	[Bar chart]		
Steadiness on comb	3.80	103	[Bar chart]		
Swarming drive	4	104	[Bar chart]		
Varroa	-	121	[Bar chart]		
Performance index	-	0	[Bar chart]		
Robustness in winter	4	70% 100% 170%			
Development in Spring	3.90				
Colony strength	3.80				

<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 Av

Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

# Breeding selection report DE-15-57-13-2012-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 19

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-6-42-104-2012	DE-6-42	1	101		94		Behavior		88		dgye	116	
DE-6-42-100-2012	DE-6-42	3	115		105		101		inspection		98	127	
DE-6-42-106-2012	DE-6-42	3	98		100		100		101		105	93	
DE-6-42-96-2012	DE-6-42	5	108		99		105		104		103	111	
DE-6-42-97-2012	DE-6-42	5	101		97		97		95		99	106	
DE-6-42-98-2012	DE-6-42	5	97		99		106		107		109	86	
DE-6-42-99-2012	DE-6-42	5	106		117		113		115		101	95	
DE-6-124-1-2012	DE-6-124	1	97		111		91		92		109	93	
DE-6-124-2-2012	DE-6-124	1	95		100		90		90		90	102	
DE-6-124-3-2012-K	DE-6-124	1	120		111		122		122		120	111	
DE-6-124-4-2012	DE-6-124	1	98		96		90		89		82	111	
DE-6-124-5-2012	DE-6-124	1	110		94		121		120		102	105	
DE-6-124-6-2012	DE-6-124	1	95		96		90		89		102	(99)	
DE-15-57-10-2012	DE-15-57	2	98	61	100	3.8	98	3.8	99	4	101	97	
DE-15-57-11-2012	DE-15-57	2	100	60	101	3.9	103	3.8	103	4	104	96	
DE-15-57-12-2012	DE-15-57	2	101	54	96	3.8	101	3.9	101	4	99	103	
DE-15-57-13-2012-K	DE-15-57	2	117	81	119	3.9	105	3.8	103	4	104	121	
DE-15-57-14-2012-K	DE-15-57	2	102	68	106	3.8	96	3.7	95	4	100	105	
DE-15-57-15-2012	DE-15-57	2	98	45	88	3.9	102	3.8	101	4	98	100	