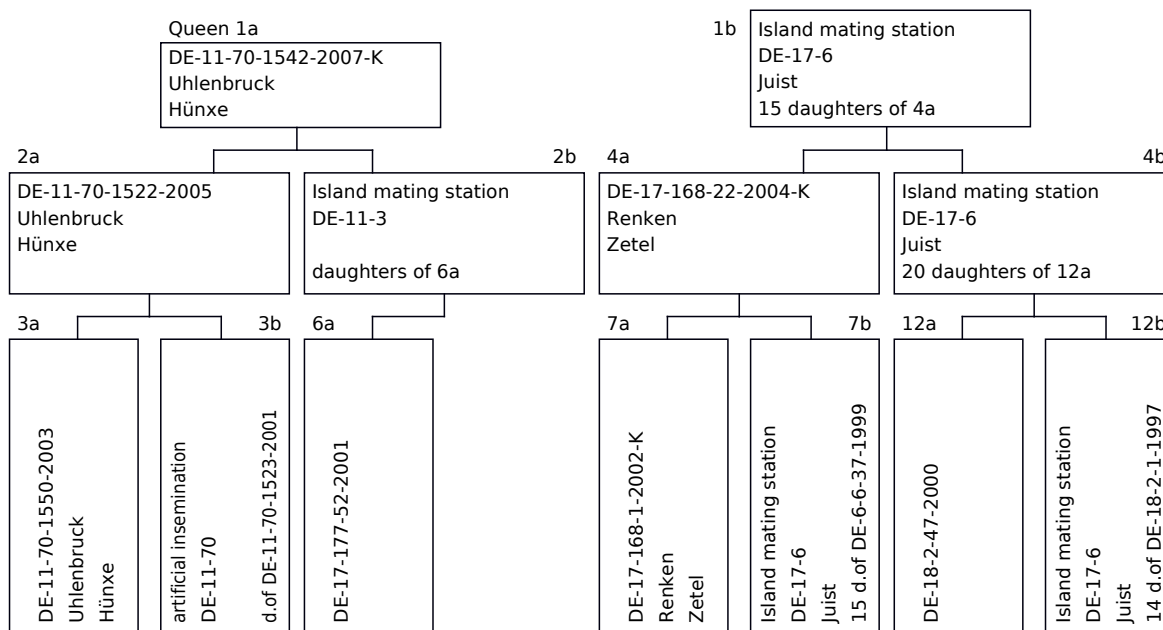


Tester of the queen: Uhlenbruck, Eckhard, 46569 Hünxe, DE-11-70, Apiary 2
 Breeder of the queen: Uhlenbruck, Eckhard, 46569 Hünxe, DE-11-70
1a Studbook number: **DE-11-70-1542-2007-K**

Race line: -11 Sign: yellow 77 Daughters of Queen: 0%
 Generation: Hatch date: 18.06.2007 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
	64	131.3	1	12	48.8
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	122			
Honey yield	-	119			0.46
Defensive behavior	4	119			0.64
Steadiness on comb	4	118			0.66
Swarming drive	4	108			0.46
Varroa	-	118			0.55
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

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-11-70-1542-2007-K

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Performance of the sisters

Amount of checked sisters: 10

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive Behavior	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-11-70-1543-2007	DE-11-70	1	117	59	115	4	115	3.9	109	3.9	109	113	
DE-11-70-1544-2007	DE-11-70	1	101	46	101	3.7	102	3.8	102	3.8	94	102	
DE-11-70-1538-2007	DE-11-70	2	111	53	107	4	110	3.8	109	3.9	99	112	
DE-11-70-1542-2007-K	DE-11-70	2	122	64	119	4	119	4	118	4	108	118	
DE-11-70-1557-2007	DE-11-70	2	101	46	100	3.9	109	3.9	109	3.7	93	97	
DE-11-70-1537-2007	DE-11-70	4	112	52	112	3.9	109	3.9	108	3.9	101	112	
DE-11-70-1517-2007	DE-17-157	2	90		90		93		93		93	(93)	
DE-11-70-1509-2007-K	DE-19-25	4	113		119		126		128		112	92	
DE-11-70-1510-2007	DE-19-25	4	121		114		119		118		102	121	
DE-11-70-1513-2007	DE-19-25	4	95		97		100		100		95	94	