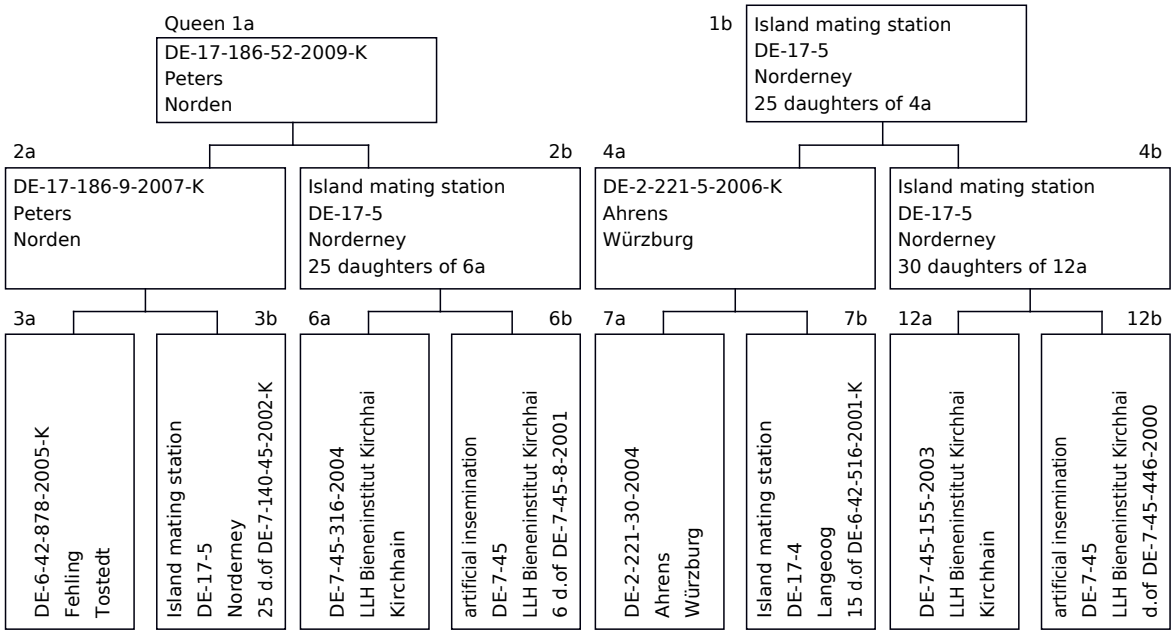
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-17-186-52-2009-K

LANDESVERBAND DER IMKER WESER-EMS e.V.

Tester of the queen:	Peters, Frank, 26506 Norden, DE-17-186, Apiary 1	
Breeder of the queen:	Peters, Frank, 26506 Norden, DE-17-186	
1a Studbook number:	**DE-17-186-52-2009-K**	
		Daughters of
Race line: -22	Sign: green 41	Queen: 0.4%
Generation: 2	Hatch date:	Workers: 0.4%

A. Pedigree



B. Own performance

	No. of the colony Volk 17			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	58.8	93.4	15	20	63.0

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	108	
Honey yield	-	96	0.44
Defensive behavior	3.60	103	0.64
Steadiness on comb	3.70	100	0.67
Swarming drive	4	96	0.44
Varroa	-	117	0.54
Performance index	-	0	
Robustness in winter	3		
Development in Spring	2		
Colony strength	4		

70% 100% 170%

[1]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.

29.08.2011

For the correctness DE-17

Breeding selection report DE-17-186-52-2009-K

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Performance of the sisters

Amount of checked sisters: 6

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 during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-17-72-41-2009	DE-17-72	1	105		103		112		119		99	100	
DE-17-186-50-2009	DE-17-186	1	106	62.9	98	3.6	102	3.7	101	3	87	117	
DE-17-186-51-2009-K	DE-17-186	1	129	79.5	115	3.9	120	3.9	117	2	91	139	
DE-17-186-52-2009-K	DE-17-186	1	108	58.8	96	3.6	103	3.7	100	4	96	117	
DE-17-186-53-2009	DE-17-186	1	107	61.7	97	3.7	103	3.6	102	3	88	117	
DE-17-186-54-2009	DE-17-186	1	109	59.1	96	3.7	103	3.6	101	4	98	118	