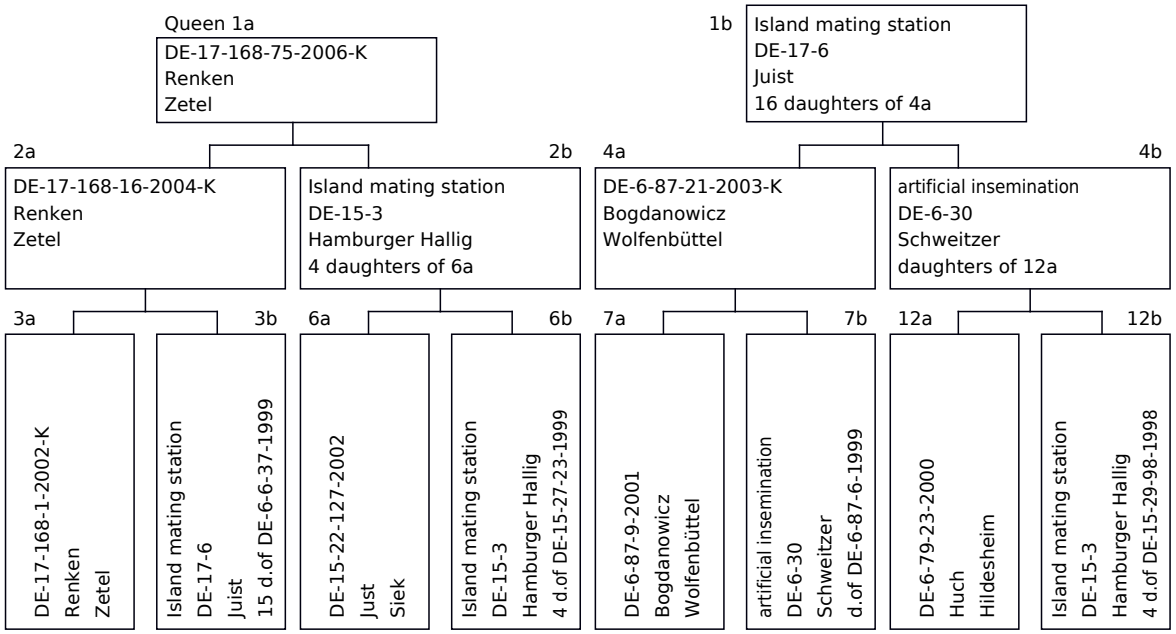
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-17-168-75-2006-K

LANDESVERBAND DER IMKER WESER-EMS e.V.

Tester of the queen:	Renken, Wilhelm, Zetel, DE-17-168, Apiary 2	
Breeder of the queen:	Renken, Wilhelm, Zetel, DE-17-168	
1a Studbook number:	**DE-17-168-75-2006-K**	
		Daughters of
Race line: -14	Sign: white 91	Queen: 0%
Generation: 4	Hatch date: 01.07.2006	Workers: 1%

A. Pedigree



B. Own performance

	No. of the colony 16			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	34.5	113	3	10	30.5

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	117	
Honey yield	-	109	0.45
Defensive behavior	3.80	114	0.62
Steadiness on comb	3.80	112	0.65
Swarming drive	4	116	0.46
Varroa	-	115*	0.53
Performance index	-	0	
Robustness in winter	4		
Development in Spring			
Colony strength			

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%.
Only one Varroa trait was recorded

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).

27.02.2009

For the correctness DE-17

Breeding selection report DE-17-168-75-2006-K

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Performance of the sisters

Amount of checked sisters: 18

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-17-168-42-2006	DE-17-167	1	96		103		109		111		112	78*	
DE-17-168-43-2006	DE-17-167	1	96		101		99		99		105	92*	
DE-17-168-44-2006	DE-17-167	1	99		106		92		92		90	106*	
DE-17-168-45-2006	DE-17-167	1	101		102		92		90		87	113*	
DE-17-168-46-2006	DE-17-167	1	100		97		98		97		91	106*	
DE-17-168-47-2006	DE-17-167	1	94		102		92		92		90	98*	
DE-17-168-75-2006-K	DE-17-168	2	117	34.5	109	3.8	114	3.8	112	4	116	115*	
DE-17-168-76-2006	DE-17-168	2	114	29.3	106	3.8	113	3.8	112	4	115	110*	
DE-17-168-77-2006	DE-17-168	2	86	24.5	95	3.3	91	3.3	92	2	90	85*	
DE-17-168-78-2006	DE-17-168	2	77	14.1	85	3.1	85	3.1	86	1	83	79*	
DE-17-168-71-2006	DE-17-168	3	105	32.7	112	3.4	98	3.5	97	2	96	109*	
DE-17-168-72-2006	DE-17-168	3	95	20.5	103	3.2	93	3.5	93	3	102	95*	
DE-17-168-73-2006	DE-17-168	3	114	23.1	108	3.8	112	3.7	110	2.5	105	113*	
DE-17-168-74-2006	DE-17-168	3	108	3.4	94	3.7	110	3.8	108	1	93	114*	
DE-17-168-26-2006	DE-17-189	1	108		106		107		106		104	107*	
DE-17-168-27-2006	DE-17-189	1	108		107		103		101		99	111*	
DE-17-168-28-2006	DE-17-189	1	123		111		119		117		108	124*	
DE-17-168-50-2006	DE-17-189	1	114		113		115		115		108	108*	

Only one Varroa trait was recorded