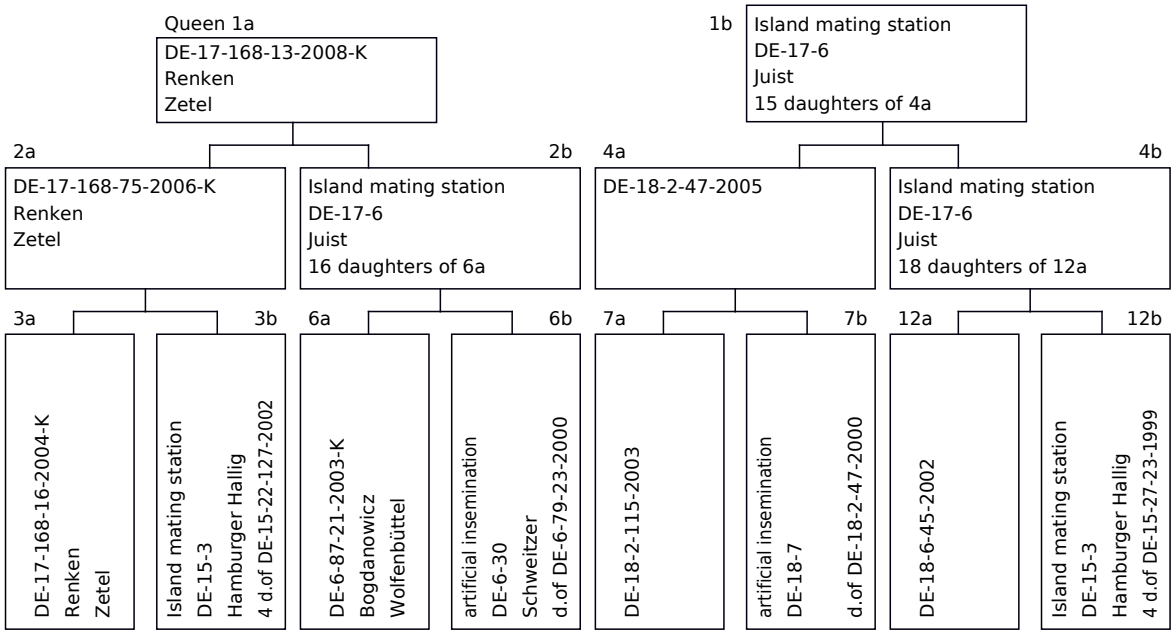
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-17-168-13-2008-K

LANDESVERBAND HANNOVERSCHER IMKER E.V.

Tester of the queen:	Bogdanowicz, Wilhelm, Wolfenbüttel, DE-6-87, Apiary 1	
Breeder of the queen:	Renken, Wilhelm, Zetel, DE-17-168	
1a Studbook number:	**DE-17-168-13-2008-K**	
		Daughters of
Race line: -14	Sign: red 16	Queen: 1%
Generation: 5	Hatch date: 08.06.2008	Workers: 0.3%

A. Pedigree



B. Own performance

	No. of the colony Volk 19			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	80.2	103.2	7	20	77.7

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	117	
Honey yield	-	107	0.45
Defensive behavior	4	117	0.63
Steadiness on comb	3.80	116	0.65
Swarming drive	4	106	0.44
Varroa	-	116	0.54
Performance index	-	0	
Robustness in winter	3.50		
Development in Spring	3.60		
Colony strength	3.50		

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.

22.02.2010

For the correctness DE-6

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Performance of the sisters

Amount of checked sisters: 46

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-17-168-11-2008	DE-6-87	1	103	77.7	102	3.8	111	3.8	111	4	105	94	
DE-17-168-12-2008	DE-6-87	1	97	79.5	102	3.6	100	3.5	100	3.8	96	95	
DE-17-168-13-2008-K	DE-6-87	1	117	80.2	107	4	117	3.8	116	4	106	116	
DE-17-168-14-2008	DE-6-87	1	109	81.4	106	3.8	107	3.6	106	4	102	110	
DE-17-168-15-2008	DE-6-87	1	95	79.9	102	3.5	96	3.4	96	4	99	93	
DE-17-168-17-2008	DE-17-92	1	100		102		104		104		100	97*	
DE-17-168-18-2008	DE-17-92	1	98		105		96		95		97	99*	
DE-17-168-19-2008	DE-17-92	1	93		104		93		93		97	90*	
DE-17-168-35-2008	DE-17-166	1	104		94		107		105		97	107*	
DE-17-168-36-2008	DE-17-166	1	98		92		95		93		89	108*	
DE-17-168-37-2008	DE-17-166	1	109		100		113		112		101	108*	
DE-17-168-38-2008	DE-17-166	1	106		102		107		107		99	105*	
DE-17-168-52-2008	DE-17-166	1	102		101		107		107		99	99*	
DE-17-168-5-2008	DE-17-168	1	109		103		110		108		94	112*	
DE-17-168-9-2008	DE-17-168	1	112		110		108		107		112	110*	
DE-17-168-10-2008	DE-17-168	1	83		90		89		90		90	82*	
DE-17-168-49-2008	DE-17-168	1	81		91		89		91		88	78*	
DE-17-168-21-2008	DE-17-168	2	89		89		105		106		88	83*	
DE-17-168-48-2008	DE-17-168	2	117		110		121		120		107	111*	
DE-17-168-50-2008	DE-17-168	2	98		92		100		99		94	101*	
DE-17-171-25-2008	DE-17-171	1	100		104		98		98		99	101*	
DE-17-171-27-2008	DE-17-171	1	113		108		115		114		109	107*	
DE-17-171-29-2008	DE-17-171	1	95		97		97		97		98	95*	
DE-17-171-34-2008	DE-17-171	1	109		106		114		114		109	101*	
DE-17-171-43-2008	DE-17-171	1	93		99		98		98		87	94*	
DE-17-171-51-2008	DE-17-171	1	106		109		115		115		112	93*	
DE-17-171-56-2008	DE-17-171	1	96		105		98		99		101	92*	
DE-17-171-1-2008	DE-17-171	2	95		103		97		97		89	96*	
DE-17-171-3-2008	DE-17-171	2	99		106		97		97		89	102*	
DE-17-171-5-2008	DE-17-171	2	107		100		113		112		108	101*	
DE-17-171-12-2008	DE-17-171	2	104		105		109		110		105	96*	
DE-17-171-21-2008	DE-17-171	2	96		104		97		97		84	99*	
DE-17-171-22-2008	DE-17-171	2	91		96		96		96		100	88*	
DE-17-171-28-2008	DE-17-171	2	118		106		126		126		113	109*	
DE-17-171-37-2008	DE-17-171	2	111		99		113		111		106	109*	
DE-17-171-58-2008	DE-17-171	2	88		89		91		90		95	91*	
DE-17-171-6-2008	DE-17-171	3	99		102		99		99		108	95*	
DE-17-171-15-2008	DE-17-171	3	95		98		94		93		89	101*	
DE-17-171-19-2008	DE-17-171	3	95		90		87		85		96	106*	
DE-17-171-23-2008	DE-17-171	3	114		114		116		116		104	108*	
DE-17-171-36-2008	DE-17-171	3	107		107		115		116		104	98*	
DE-17-171-44-2008	DE-17-171	3	112		113		116		116		104	104*	
DE-17-171-46-2008	DE-17-171	3	95		99		99		99		92	95*	
DE-17-171-53-2008	DE-17-171	3	97		99		99		99		107	92*	
DE-17-171-55-2008	DE-17-171	3	91		98		94		94		91	92*	
DE-17-171-62-2008	DE-17-171	3	98		97		99		98		90	101*	

Only one Varroa trait was recorded