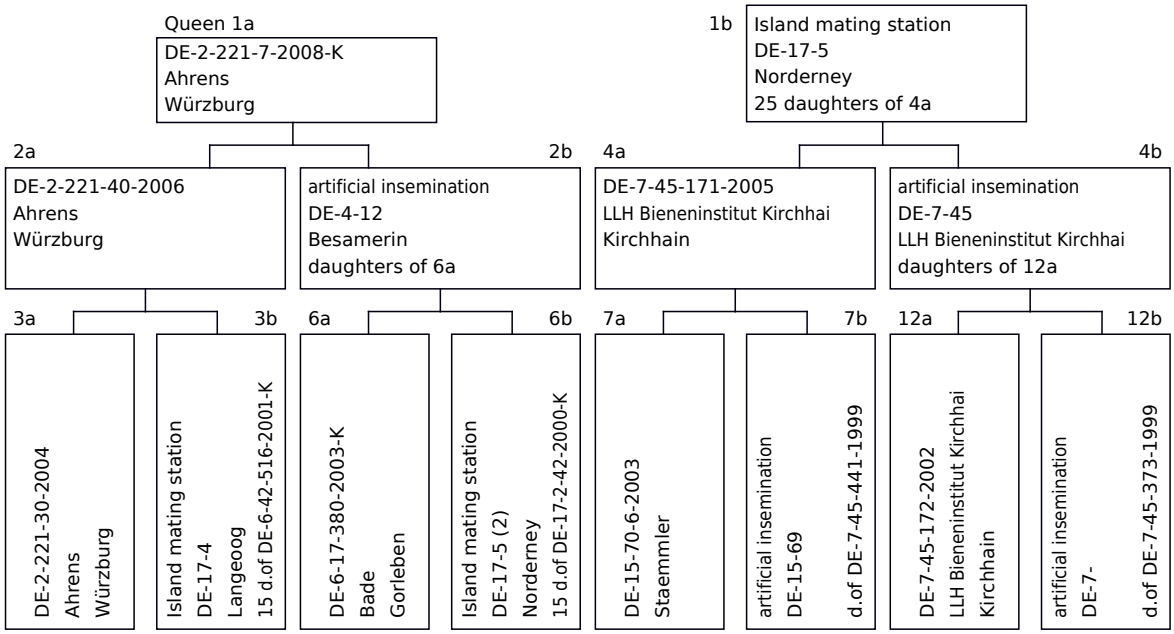
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-2-221-7-2008-K

LVBI

Tester of the queen:	Ltg. Sven Zieseniss, Prüfhof Guglhör, 82418 Riegsee, DE-2-501, Apiary 1	
Breeder of the queen:	Ahrens, Dirk, 97074 Würzburg, DE-2-221	
1a Studbook number:	**DE-2-221-7-2008-K**	
		Daughters of
Race line: -1	Sign: red 25	Queen: 1.2%
Generation: 4	Hatch date: 06.06.2008	Workers: 0%

A. Pedigree



B. Own performance

	No. of the colony Volk 1342			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	21.8	151	8	43	14.4

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	129	
Honey yield	-	109	0.48
Defensive behavior	3.30	116	0.67
Steadiness on comb	3.20	114	0.7
Swarming drive	4	114	0.47
Varroa	-	136	0.57
Performance index	-	0	
Robustness in winter	3		
Development in Spring	2.50		
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.

04.05.2010

For the correctness DE-2

Breeding selection report DE-2-221-7-2008-K

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Performance of the sisters

Amount of checked sisters: 15

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	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-2-221-8-2008	DE-2-221	1	126		101		112		109		114	138	
DE-2-221-7-2008-K	DE-2-501	1	129	21.8	109	3.3	116	3.2	114	4	114	136	
DE-2-221-10-2008-K	DE-2-501	1	112	3	92	2.9	93	2.4	90	4	99	133	
DE-2-221-13-2008-K	DE-2-501	1	109	13.6	100	2.9	98	2.8	97	4	107	116	
DE-2-221-14-2008-K	DE-2-501	1	110	1	92	3.1	100	2.7	98	4	106	121	
DE-2-221-16-2008-K	DE-2-502	2	105		95		91		89		98	119	
DE-2-221-18-2008-K	DE-2-502	2	111		99		97		95		102	124	
DE-2-221-19-2008-K	DE-2-502	2	99		97		91		91		103	104	
DE-2-221-21-2008-K	DE-2-502	2	104		94		95		95		103	112	
DE-2-221-24-2008-K	DE-2-502	2	99		95		90		89		102	106	
DE-2-221-27-2008-K	DE-2-503	3	96		94		71		69		92	121	
DE-2-221-28-2008-K	DE-2-503	3	110		100		99		98		108	118	
DE-2-221-32-2008-K	DE-2-503	3	104		101		99		100		111	104	
DE-2-221-36-2008-K	DE-2-503	3	101		95		90		89		104	109	
DE-2-221-38-2008-K	DE-2-503	3	96		101		95		97		112	90	