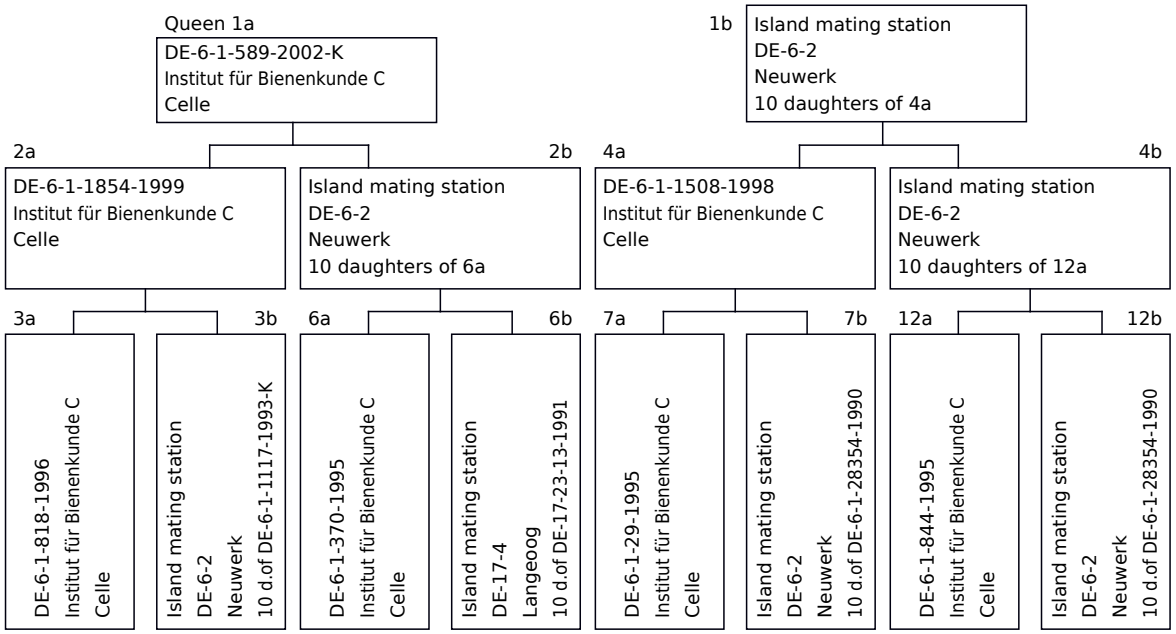
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-6-1-589-2002-K

LANDESVERBAND HANNOVERSCHER IMKER E.V.

Tester of the queen:	Institut für Bienenkunde Celle, 29221 Celle, DE-6-1, Apiary 3	
Breeder of the queen:	Institut für Bienenkunde Celle, 29221 Celle, DE-6-1	
1a Studbook number:	**DE-6-1-589-2002-K**	
		Daughters of
Race line: -20	Sign: yellow	Queen: 4.2%
Generation:	Hatch date:	Workers: 1.3%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	56.3	113.9	6	30	49.4

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	104	
Honey yield	-	112	0.47
Defensive behavior	4	108	0.64
Steadiness on comb	4	109	0.66
Swarming drive	4	99	0.45
Varroa	-	(98)	0.36
Performance index	-	0	
Robustness in winter			
Development in Spring	4		
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

none Analysis of race characteristics

E. Results

Class B
Suitable for breeding.

08.03.2009

For the correctness DE-6

Breeding selection report DE-6-1-589-2002-K

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Performance of the sisters

Amount of checked sisters: 22

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-6-1-533-2002	DE-6-1	1	91	58.1	92	3.5	103	4	105	1	85	(89)	
DE-6-1-598-2002	DE-6-1	1	93	61.8	95	3.5	104	4	105	1	86	(90)	
DE-6-1-536-2002	DE-6-1	3	106	67.6	119	4	111	4	113	3	95	(97)	
DE-6-1-537-2002	DE-6-1	3	100	44.9	100	4	109	4	110	4	101	(93)	
DE-6-1-538-2002	DE-6-1	3	102	52.8	106	4	110	4	111	3.5	96	(95)	
DE-6-1-545-2002	DE-6-1	3	98	44.5	98	4	109	4	110	3	89	(93)	
DE-6-1-588-2002	DE-6-1	3	99	46.2	100	4	109	4	110	3.5	94	(94)	
DE-6-1-589-2002-K	DE-6-1	3	104	56.3	112	4	108	4	109	4	99	(98)	
DE-6-1-932-2002	DE-6-5	1	95		95		100		101		81	99*	
DE-6-1-935-2002	DE-6-5	1	94		106		103		105		87	88*	
DE-6-1-936-2002	DE-6-5	1	102		108		106		107		102	95*	
DE-6-1-941-2002	DE-6-5	1	91		101		97		98		88	89*	
DE-6-1-942-2002	DE-6-5	1	101		113		104		106		103	92*	
DE-6-1-943-2002	DE-6-5	1	98		107		108		110		104	85*	
DE-6-1-1014-2002	DE-6-5	1	84		90		88		89		81	87*	
DE-6-1-1025-2002	DE-6-5	1	90		96		92		93		91	92*	
DE-6-1-1267-2002	DE-17-22	1	90		92		89		89		84	97*	
DE-6-1-1273-2002	DE-17-22	1	91		96		92		93		85	96*	
DE-6-1-1281-2002	DE-17-22	1	92		107		102		105		98	80*	
DE-6-1-1282-2002	DE-17-22	1	96		110		105		108		99	83*	
DE-6-1-1287-2002	DE-17-22	1	89		105		97		100		97	80*	
DE-6-1-1291-2002	DE-17-22	1	88		95		92		93		89	89*	

Only one Varroa trait was recorded