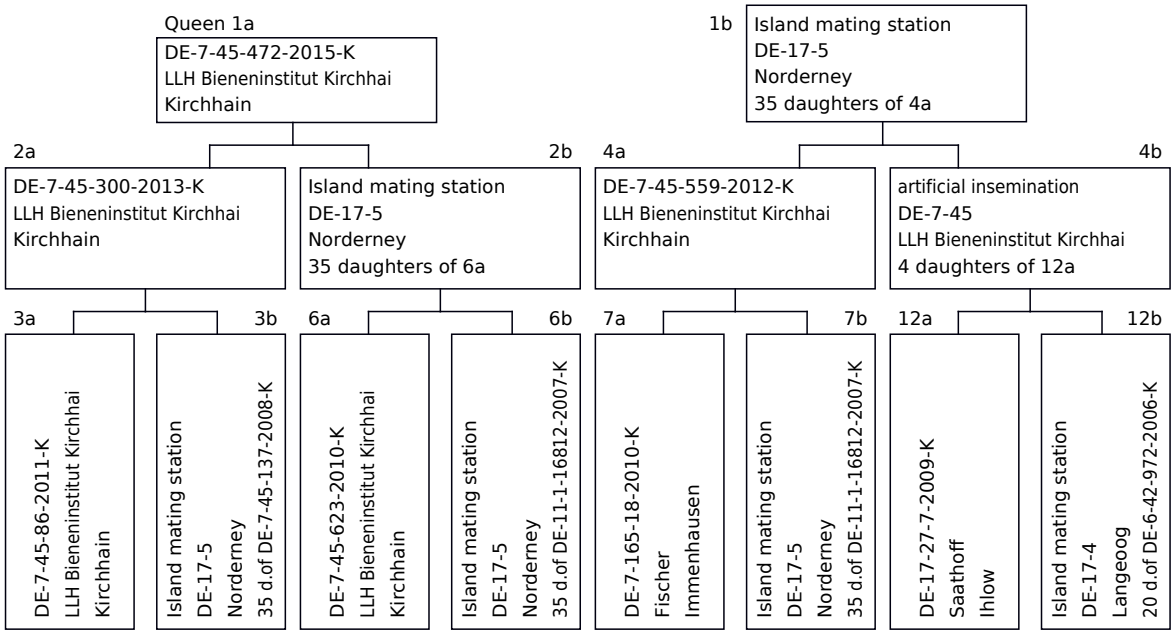
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-7-45-472-2015-K

Landesverband Hessischer Imker e.V.

Tester of the queen:	LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45, Apiary 4	
Breeder of the queen:	LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45	
1a Studbook number:	**DE-7-45-472-2015-K**	
		Daughters of
Race line: -1	Sign: blue 48-	Queen: 3.3%
Generation: 6	Hatch date: 08.06.2015	Workers: 3.0%

A. Pedigree



B. Own performance

	No. of the colony 243			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	59.7	127.3	2	20	46.9

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	124	
Honey yield	-	115	0.44
Defensive behavior	3.10	113	0.65
Steadiness on comb	2.50	110	0.67
Swarming drive	2.00	112	0.44
Varroa	-	128	0.55
Performance index	-	0	
Robustness in winter			
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%.

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.

28.03.2017

For the correctness DE-7

Breeding selection report DE-7-45-472-2015-K

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Performance of the sisters

Amount of checked sisters: 41

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-7-45-466-2015	DE-2-283	1	96		94		94		94		109	95	
DE-7-45-904-2015	DE-2-731	1	119		108		118		117		123	112	
DE-7-45-475-2015	DE-7-45	3	106	44.6	110	2.8	105	2.5	106	3.0	121	95	
DE-7-45-470-2015	DE-7-45	4	115	42.6	99	2.9	106	2.4	102	1.0	101	127	
DE-7-45-472-2015-K	DE-7-45	4	124	59.7	115	3.1	113	2.5	110	2.0	112	128	
DE-7-45-22-2015-D	DE-17-69	1	109		(100)		100		97		110	114	
DE-7-45-29-2015-D	DE-17-69	1	115		(105)		109		107		114	116	
DE-7-45-276-2015-D	DE-17-69	1	106		(101)		104		103		115	104	
DE-7-45-277-2015-D	DE-17-69	1	112		(104)		111		110		119	107	
DE-7-45-278-2015-D	DE-17-69	1	102		(98)		99		99		114	100	
DE-7-45-279-2015-D	DE-17-69	1	117		(108)		116		115		120	112	
DE-7-45-701-2015-D	DE-17-69	1	108		(104)		109		109		118	100	
DE-7-45-702-2015-D	DE-17-69	1	108		(101)		98		96		108	116	
DE-7-45-703-2015-D	DE-17-69	1	108		(103)		108		109		118	101	
DE-7-45-704-2015-D	DE-17-69	1	115		(106)		116		115		121	108	
DE-7-45-705-2015-D	DE-17-69	1	115		(106)		116		115		121	108	
DE-7-45-706-2015-D	DE-17-69	1	107		(102)		104		103		114	106	
DE-7-45-708-2015-D	DE-17-69	1	109		(102)		104		103		113	110	
DE-7-45-710-2015-D	DE-17-69	1	117		(106)		109		107		114	119	
DE-7-45-711-2015-D	DE-17-69	1	116		(105)		109		107		114	117	
DE-7-45-713-2015-D	DE-17-69	1	110		(105)		110		109		117	105	
DE-7-45-714-2015-D	DE-17-69	1	107		(103)		104		103		112	106	
DE-7-45-715-2015-D	DE-17-69	1	102		(100)		98		98		111	101	
DE-7-45-718-2015-D	DE-17-69	1	99		(98)		97		98		112	97	
DE-7-45-719-2015-D	DE-17-69	1	107		(99)		94		91		105	117	
DE-7-45-721-2015-D	DE-17-69	1	110		(102)		104		102		113	111*	
DE-7-45-722-2015-D	DE-17-69	1	108		(101)		104		103		114	108	
DE-7-45-724-2015-D	DE-17-69	1	108		(101)		98		96		108	114	
DE-7-45-725-2015-D	DE-17-69	1	113		(103)		105		102		111	118	
DE-7-45-727-2015-D	DE-17-69	1	124		(108)		116		113		117	126	
DE-7-45-729-2015-D	DE-17-69	1	114		(104)		110		109		118	112	
DE-7-45-730-2015-D	DE-17-69	1	108		(100)		98		96		108	114	
DE-7-45-731-2015-D	DE-17-69	1	109		(102)		104		103		114	109	
DE-7-45-733-2015-D	DE-17-69	1	121		(108)		117		114		118	120	
DE-7-45-734-2015-K	DE-17-69	1	117		(107)		116		115		120	113	
DE-7-45-735-2015-D	DE-17-69	1	104		(98)		93		91		106	113	
DE-7-45-736-2015-D	DE-17-69	1	111		(104)		109		108		116	108	
DE-7-45-737-2015-D	DE-17-69	1	112		(104)		111		110		118	107	
DE-7-45-739-2015-D	DE-17-69	1	98		(95)		89		88		106	105	
DE-7-45-740-2015-D	DE-17-69	1	107		(101)		104		103		115	105	

Only one Varroa trait was recorded