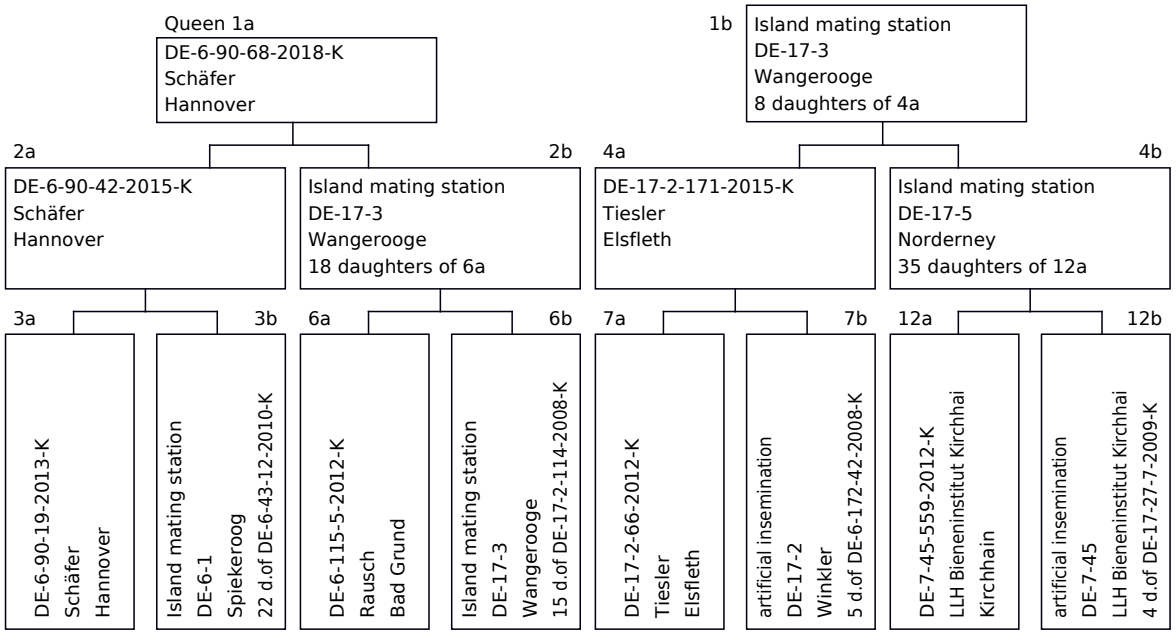
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-6-90-68-2018-K

LANDESVERBAND HANNOVERSCHER IMKER E.V.

Tester of the queen:	Schäfer, Horst W., 30657 Hannover, DE-6-90, Apiary 2	
Breeder of the queen:	Schäfer, Horst W., 30657 Hannover, DE-6-90	
1a Studbook number:	**DE-6-90-68-2018-K**	
		Daughters of
Race line: -21	Sign: red 68	Queen: 2.7%
Generation: 9	Hatch date: 04.06.2018	Workers: 2.8%

A. Pedigree



B. Own performance

	No. of the colony 20			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	26.9	176.7	2	10	15.2

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	119	
Honey yield	-	117	0.4
Defensive behavior	3.80	114	0.52
Steadiness on comb	3.80	116	0.52
Swarming drive	4	117	0.4
Varroa	-	112	0.26
Performance index	-	118	0.46
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.

04.03.2020

For the correctness DE-6

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Page 2

Performance of the sisters

Amount of checked sisters: 19

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-6-90-57-2018	DE-6-90	1	106	23.2	111	3	99	3	99	2	105	104*	103
DE-6-90-50-2018	DE-6-90	2	95	1	102	1	74	1	77	1	98	(105)	85
DE-6-90-55-2018-K	DE-6-90	2	119	25.9	116	3.8	112	3.5	113	4	117	112	116
DE-6-90-68-2018-K	DE-6-90	2	119	26.9	117	3.8	114	3.8	116	4	117	112	118
DE-6-90-94-2018	DE-6-90	2	95	1	102	1	74	1	77	1	98	(105)	85
DE-6-90-53-2018	DE-6-90	3	109	8.9	109	3	99	3	100	4	117	105	107
DE-6-90-56-2018	DE-6-90	3	111	17.8	113	3.8	109	3.6	109	2	107	105*	110
DE-6-90-84-2018-K	DE-6-90	3	115	26.9	117	3.8	109	3.6	109	4	118	107	114
DE-6-90-52-2018	DE-6-103	1	108		110		103		104		104	(105)	105
DE-6-90-59-2018	DE-6-103	1	111		112		106		110		113	(105)	111
DE-6-90-74-2018	DE-6-103	1	112		111		104		106		120	(105)	111
DE-6-90-82-2018	DE-6-103	1	106		108		100		99		103	(105)	102
DE-6-90-38-2018	DE-6-229	1	103		105		92		91		108	(105)	98
DE-6-90-88-2018	DE-6-229	1	113		117		108		109		113	(105)	113
DE-6-90-43-2018	DE-6-229	2	108		110		101		100		110	(105)	105
DE-6-90-81-2018	DE-6-229	2	111		113		107		108		112	(105)	111
DE-6-90-83-2018	DE-6-229	2	113		116		109		110		113	(105)	113
DE-6-90-85-2018	DE-6-229	2	112		110		109		110		113	(105)	111
DE-6-90-87-2018	DE-6-229	2	113		117		109		110		114	(105)	113

Only one Varroa trait was recorded