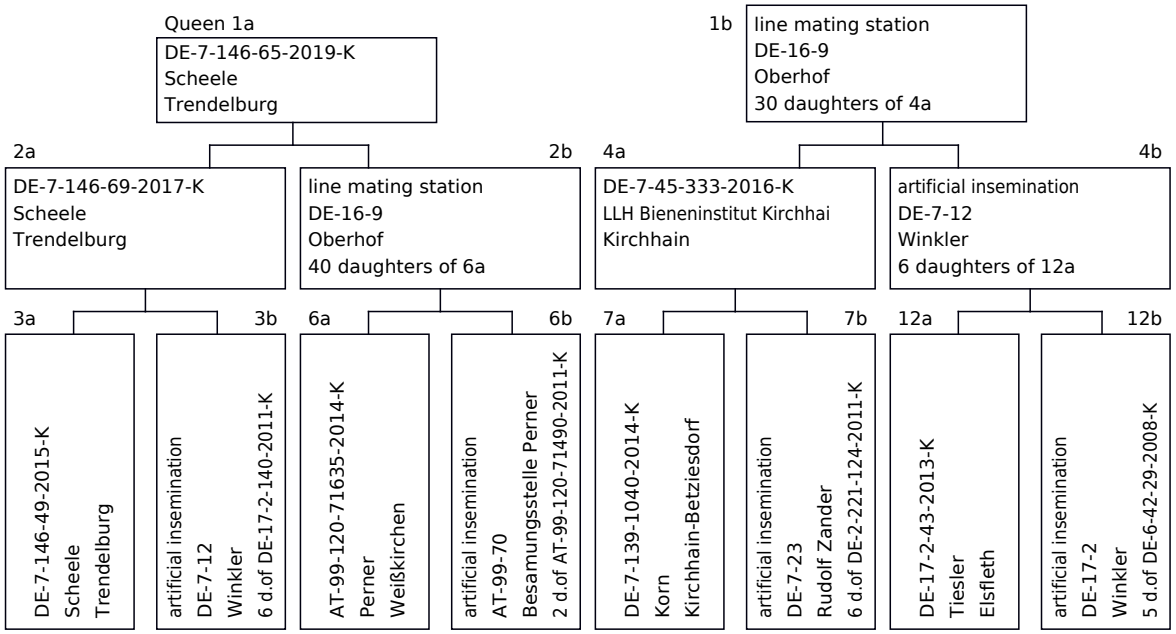
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-7-146-65-2019-K

Landesverband Hessischer Imker e.V.

Tester of the queen:	Scheele, Wolfgang, 34388 Trendelburg, DE-7-146, Apiary 1	
Breeder of the queen:	Scheele, Wolfgang, 34388 Trendelburg, DE-7-146	
1a Studbook number:	**DE-7-146-65-2019-K**	
		Daughters of
Race line: -70	Sign: green 59	Queen: 0.5%
Generation: 13	Hatch date: 22.07.2019	Workers: 2.4%

A. Pedigree



B. Own performance

	No. of the colony 26			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	79.1	120.8	8	20	65.5

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	118	
Honey yield	-	107	0.51
Defensive behavior	3.40	113	0.58
Steadiness on comb	3.30	109	0.58
Swarming drive	4	112	0.51
Varroa	-	118	0.53
Performance index	-	112	0.51
Robustness in winter			
Development in Spring	3.50		
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.

31.03.2021

For the correctness DE-7

Breeding selection report DE-7-146-65-2019-K

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Performance of the sisters

Amount of checked sisters: 12

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-7-146-65-2019-K	DE-7-146	1	118	79.1	107	3.4	113	3.3	109	4	112	118	112
DE-7-146-72-2019	DE-7-146	1	115	81.3	108	3.5	115	3.5	111	4	113	111	113
DE-7-146-73-2019-K	DE-7-146	1	118	85	108	3.5	114	3.3	109	4	112	119	112
DE-7-146-76-2019	DE-7-146	1	117	80.2	107	3.5	114	3.4	110	4	112	117	113
DE-7-146-77-2019	DE-7-146	1	122	94.7	110	4	120	3.8	116	4	113	120	117
DE-7-146-78-2019-K	DE-7-146	1	115	59.5	105	3.2	111	3.3	108	4	112	114	111
DE-7-146-80-2019	DE-7-146	1	114	44.2	102	3.4	113	3.2	108	4	112	112	110
DE-7-146-84-2019	DE-7-146	1	111	67.8	106	3.5	114	3.4	110	4	112	105	112
DE-7-146-61-2019	DE-7-146	2	113	58.9	105	3.5	111	3	107	4	112	112*	110
DE-7-146-71-2019	DE-7-146	2	117	78.9	106	3.5	117	3.6	114	4	113	113*	115
DE-2-313-1-2019	DE-7-322	1	110		102		113		110		112	105	111
DE-2-313-2-2019-K	DE-7-322	1	115		107		116		112		113	111	114

Only one Varroa trait was recorded