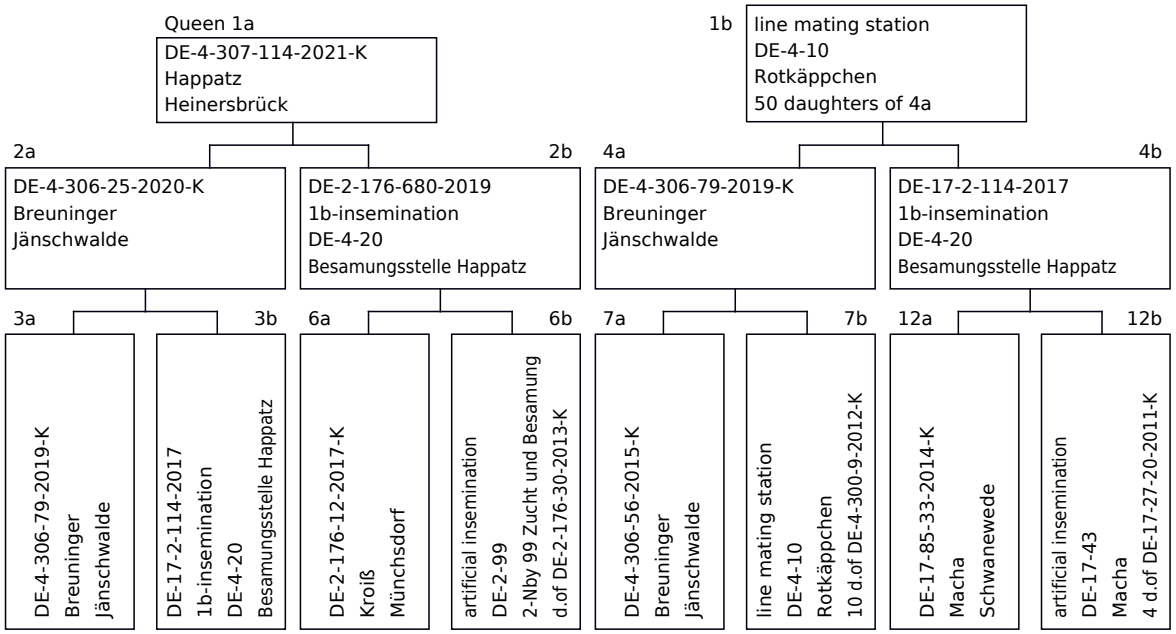
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-4-307-114-2021-K

Tester of the queen:	Happatz, Maik, 03185 Heinersbrück, DE-4-307, Apiary 4	
Breeder of the queen:	Happatz, Maik, 03185 Heinersbrück, DE-4-307	
1a Studbook number:	**DE-4-307-114-2021-K**	
		Daughters of
Race line:	Sign: white	Queen: 0.9%
Generation:	Hatch date:	Workers: 20.3%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	54.5	105.8	7	21	51.5

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	138	
Honey yield	-	141	0.53
Defensive behavior	3.70	140	0.66
Steadiness on comb	3.80	140	0.66
Swarming drive	4	122	0.6
Varroa	-	123	0.6
Performance index	-	141	0.53
Robustness in winter	3.50		
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.

29.03.2023

For the correctness DE-4

Breeding selection report DE-4-307-114-2021-K

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Performance of the sisters

Amount of checked sisters: 10

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-4-307-111-2021-D	DE-4-307	4	138	49.2	138	4	142	3.8	141	4	122	122	141
DE-4-307-112-2021-D	DE-4-307	4	137	57.4	142	3.6	138	3.5	137	4	121	122	140
DE-4-307-113-2021-D	DE-4-307	4	135	57.4	141	3	134	3.5	135	3	116	122	136
DE-4-307-114-2021-K	DE-4-307	4	138	54.5	141	3.7	140	3.8	140	4	122	123	141
DE-4-307-115-2021-D	DE-4-307	4	137	54.5	140	3.8	139	3.5	138	3.5	119	123	139
DE-4-307-116-2021-D	DE-4-307	4	134	46.8	135	3.6	139	3.8	140	3	117	119	138
DE-4-307-117-2021-D	DE-4-307	4	134	50.4	138	3.2	136	3.5	136	3.5	119	119	137
DE-4-307-118-2021-D	DE-4-307	4	130	48.5	135	3.2	134	3	133	3	116	116	134
DE-4-307-119-2021-D	DE-4-307	4	132	54.1	139	3.4	135	3.2	134	3.1	116	118	136
DE-4-307-120-2021-D	DE-4-307	4	134	49.2	136	3	134	3.5	136	3	116	122	135