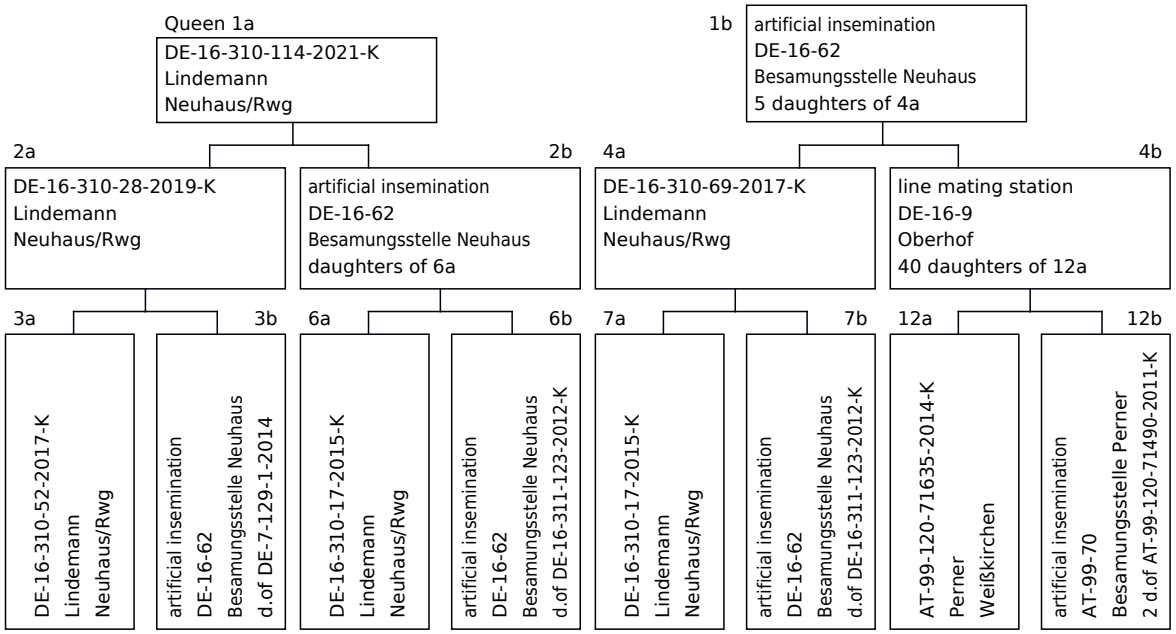
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-16-310-114-2021-K

Tester of the queen:	Kunz, Ralf, 07407 Rudolstadt, DE-16-351, Apiary 2	
Breeder of the queen:	Lindemann, Uwe, 98724 Neuhaus/Rwg, DE-16-310	
1a Studbook number:	**DE-16-310-114-2021-K**	
		Daughters of
Race line:	Sign: white 63	Queen: 12.0%
Generation:	Hatch date: 12.06.2021	Workers: 8.9%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	77	223.6	1	8	34.4

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	119	
Honey yield	-	107	0.45
Defensive behavior	4	115	0.56
Steadiness on comb	4	118	0.56
Swarming drive	4	119	0.43
Varroa	-	115*	0.53
Performance index	-	117	0.45
Robustness in winter			
Development in Spring			
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%.
Only one Varroa trait was recorded

C. Performance of the sisters

See page 2

D. Body features, see appendix

See attached characteristic documents:

E. Results

Class A
Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

10.07.2023

For the correctness DE-16

Breeding selection report DE-16-310-114-2021-K

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Performance of the sisters

Amount of checked sisters: 14

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-16-310-108-2021	DE-16-40	1	112		99		107		109		114	112	108
DE-16-310-109-2021	DE-16-40	1	112		101		106		110		115	111	109
DE-16-310-110-2021	DE-16-40	1	112		100		107		111		114	111	109
DE-16-310-101-2021**	DE-16-310	1	112		(100)		(106)		(110)		(114)	(111)	108
DE-16-310-127-2021**	DE-16-310	1	112		(100)		(106)		(110)		(114)	(111)	108
DE-16-310-128-2021**	DE-16-310	1	112		(100)		(106)		(110)		(114)	(111)	108
DE-16-310-129-2021**	DE-16-310	1	112		(100)		(106)		(110)		(114)	(111)	108
DE-16-310-106-2021	DE-16-318	1	111		98		105		109		115	110	108
DE-16-310-104-2021	DE-16-336	3	114		103		108		113		119	111	113
DE-16-310-105-2021	DE-16-336	3	115		103		109		113		119	112	112
DE-16-310-107-2021	DE-16-337	2	115		100		111		114		116	114	112
DE-16-310-112-2021	DE-16-351	2	113	29	99	3.5	109	3.5	112	4	115	112*	110
DE-16-310-113-2021	DE-16-351	2	99	14	94	1	82	2	89	4	105	108*	91
DE-16-310-114-2021-K	DE-16-351	2	119	77	107	4	115	4	118	4	119	115*	117

Only one Varroa trait was recorded

Colony without performance tests