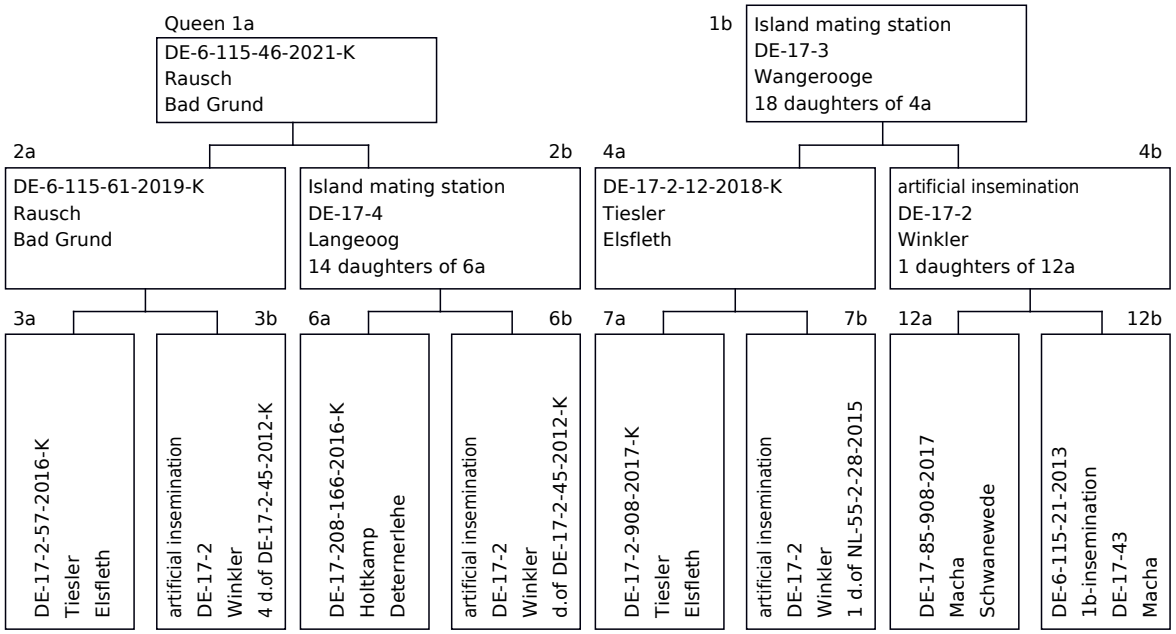
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-6-115-46-2021-K

LANDESVERBAND HANNOVERSCHER IMKER E.V.

Tester of the queen:	Rausch, Sergej, 37539 Bad Grund, DE-6-115, Apiary 1	
Breeder of the queen:	Rausch, Sergej, 37539 Bad Grund, DE-6-115	
1a Studbook number:	**DE-6-115-46-2021-K**	
		Daughters of
Race line: -23	Sign: white 46	Queen: 9.9%
Generation: 1	Hatch date: 2.7.2021	Workers: 3.6%

A. Pedigree



B. Own performance

	No. of the colony 75			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	61	134.7	1	29	45.3

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	120	
Honey yield	-	112	0.52
Defensive behavior	4	117	0.61
Steadiness on comb	4	111	0.6
Swarming drive	4	119	0.55
Varroa	-	116	0.58
Performance index	-	117	0.52
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.

23.08.2023

For the correctness DE-6

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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 Behavior	Calmness during inspection	Breeding Value Calmness during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-6-115-38-2021	DE-6-115	1	116	45	106	4	117	4	112	4	119	111	116
DE-6-115-39-2021	DE-6-115	1	114	45	106	4	117	4	112	4	119	105	116
DE-6-115-46-2021-K	DE-6-115	1	120	61	112	4	117	4	111	4	119	116	117
DE-6-115-81-2021	DE-6-115	1	114	49	107	3.5	111	3.5	105	4	118	112	112
DE-6-115-92-2021-K	DE-6-115	1	111	38	103	3	105	3	99	4	117	111	107
DE-6-115-99-2021-K	DE-6-115	1	118	54	109	3.9	115	3.8	109	4	119	115	115
DE-17-2-8-2021	DE-17-2	1	114		106		112		106		116	112	112
DE-17-2-1-2021	DE-17-2	2	117		107		110		104		120	117	112
DE-17-2-2-2021	DE-17-2	2	103		101		101		96		106	102	101
DE-17-2-4-2021	DE-17-2	4	114		105		111		106		116	113	111
DE-17-2-5-2021	DE-17-2	4	115		107		113		108		117	113	113
DE-17-2-6-2021	DE-17-2	4	112		104		106		101		114	113*	107

Only one Varroa trait was recorded