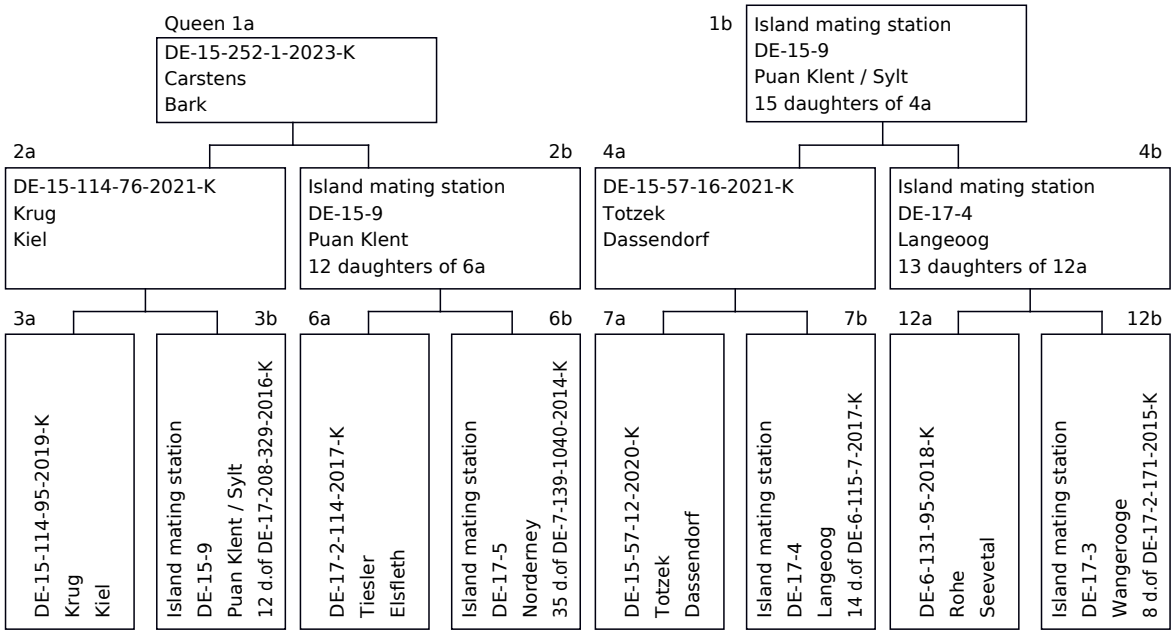
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-15-252-1-2023-K

Tester of the queen:	Imkerschule, Landesverband SH-HH, Bad Segeberg, DE-15-69, Apiary 2	
Breeder of the queen:	Carstens, Waldemar, 23826 Bark, DE-15-252	
1a Studbook number:	**DE-15-252-1-2023-K**	
		Daughters of
Race line: -Peschetz	Sign: red 77	Queen: 4.4%
Generation:	Hatch date: 10.062023	Workers: 4.9%

A. Pedigree



B. Own performance

	No. of the colony 8			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	58.1	121.9	2	9	47.7

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	111	
Honey yield	-	112	0.42
Defensive behavior	2.70	106	0.51
Steadiness on comb	2.70	106	0.5
Swarming drive	2.90	107	0.44
Varroa	-	109	0.44
Performance index	-	109	0.42
Robustness in winter	2.50		
Development in Spring	2.50		
Colony strength	2.60		

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.

20.02.2025

For the correctness DE-15

Breeding selection report DE-15-252-1-2023-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 Behavior	Calmness during inspection	Breeding Value Calmness during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-2-190-50-2023-K	DE-2-190	3	111		114		111		109		108	104	112
DE-2-190-51-2023-K	DE-2-190	3	112		111		114		114		108	105	114
DE-2-190-52-2023	DE-2-190	3	109		112		107		107		107	104	110
DE-15-252-1-2023-K	DE-15-69	2	111	58.1	112	2.7	106	2.7	106	2.9	107	109	109
DE-15-114-24-2023	DE-15-111	1	111		110		109		109		109	107*	111
DE-15-114-30-2023	DE-15-111	1	111		111		109		109		109	105*	111
DE-15-114-32-2023	DE-15-111	1	112		108		109		109		108	108*	110
DE-15-114-63-2023	DE-15-114	1	111		111		109		109		108	106*	111
DE-15-252-72-2023	DE-15-252	1	111		111		108		108		107	107*	110
DE-15-252-79-2023-K	DE-15-252	1	111		114		109		109		108	105*	112
DE-15-252-81-2023-K	DE-15-252	1	111		111		109		109		108	106*	111
DE-15-252-82-2023	DE-15-252	1	111		111		109		109		108	107*	111

Only one Varroa trait was recorded