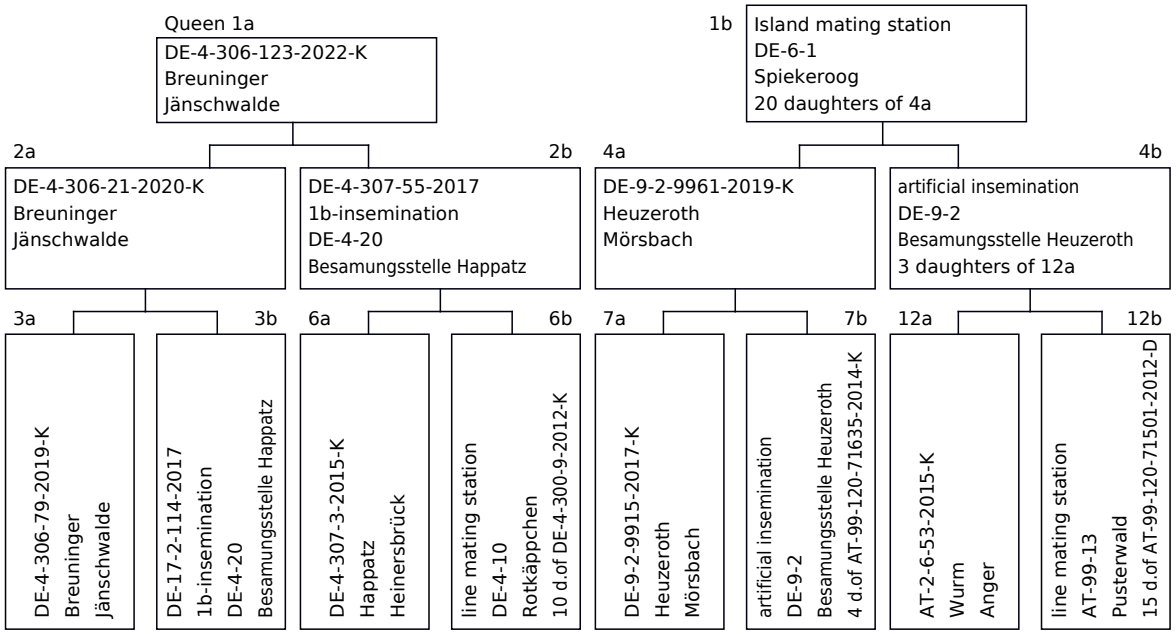
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-4-306-123-2022-K

Tester of the queen:	Breuninger, Hans Jörg, 03197 Jänschwalde, DE-4-306, Apiary 1	
Breeder of the queen:	Breuninger, Hans Jörg, 03197 Jänschwalde, DE-4-306	
1a Studbook number:	**DE-4-306-123-2022-K**	
		Daughters of
Race line: -4-10	Sign: yellow 16	Queen: 6.0%
Generation: 5	Hatch date:	Workers: 0.6%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	81	131.9	4	20	61.4

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	124	
Honey yield	-	124	0.58
Defensive behavior	4	119	0.68
Steadiness on comb	4	122	0.68
Swarming drive	4	112	0.64
Varroa	-	116	0.66
Performance index	-	123	0.58
Robustness in winter	4		
Development in Spring	4		
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%.

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.

21.05.2024

For the correctness DE-4

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Performance of the sisters

Amount of checked sisters: 19

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-4-306-38-2022	DE-4-306	1	124	81	124	4	119	4	122	4	112	116	123
DE-4-306-120-2022	DE-4-306	1	124	81	124	4	119	4	122	4	112	116	123
DE-4-306-121-2022	DE-4-306	1	124	81	124	3.9	119	4	122	4	112	116	123
DE-4-306-123-2022-K	DE-4-306	1	124	81	124	4	119	4	122	4	112	116	123
DE-4-306-139-2022	DE-4-307	1	123		123		117		119		112	116	121
DE-4-323-101-2022-K	DE-4-323	1	124		125		117		119		109	119	121
DE-4-323-104-2022	DE-4-323	1	119		122		117		120		109	110	120
DE-4-323-106-2022	DE-4-323	1	120		123		117		120		110	113	120
DE-4-323-108-2022	DE-4-323	1	120		122		116		118		109	113*	120
DE-4-323-110-2022-K	DE-4-323	1	123		123		117		119		109	118	120
DE-4-323-111-2022	DE-4-323	1	121		120		115		118		109	116	119
DE-4-323-112-2022	DE-4-323	1	122		119		117		119		110	116	119
DE-4-323-113-2022	DE-4-323	1	124		120		118		120		111	119	120
DE-4-323-114-2022	DE-4-323	1	119		120		117		119		110	111	120
DE-4-323-3018-2022	DE-4-323	3	121		121		117		120		110	114	120
DE-4-323-3019-2022	DE-4-323	3	121		123		116		119		109	115	120
DE-4-323-3020-2022	DE-4-323	3	121		122		115		118		109	115	119
DE-4-323-3021-2022	DE-4-323	3	122		122		117		119		109	117	120
DE-4-323-3022-2022	DE-4-323	3	122		121		117		120		110	117	120

Only one Varroa trait was recorded