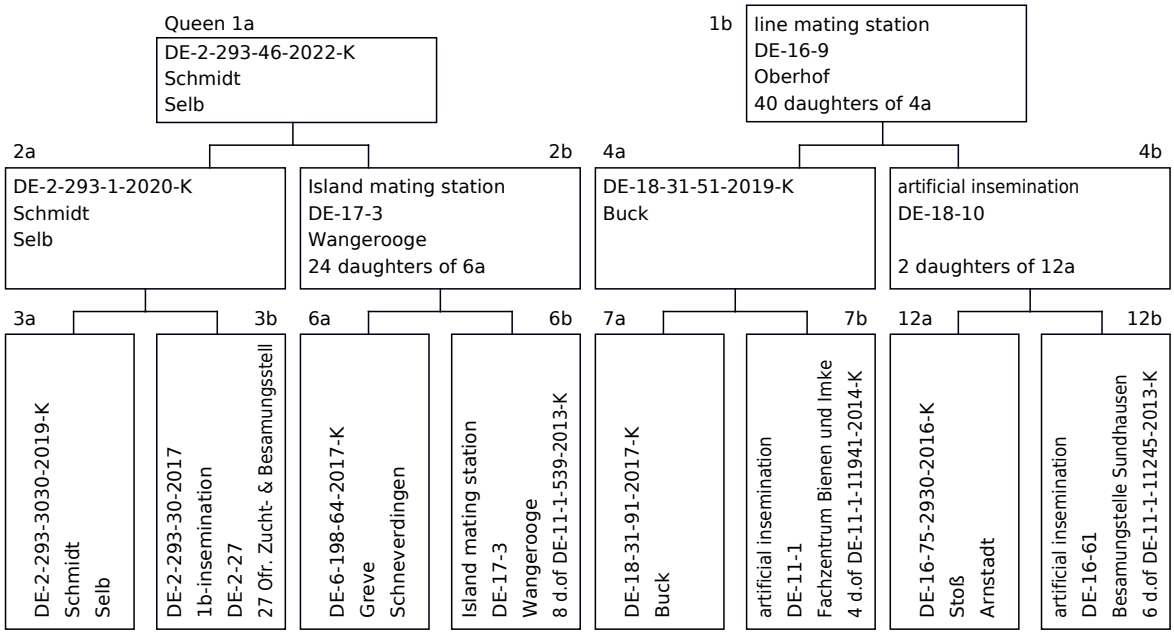
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-2-293-46-2022-K

LVBI

Tester of the queen:	Ltg. Achim Fuchs, Prüfhof Kringell, 94116 Hutthurm, DE-2-502, Apiary 2	
Breeder of the queen:	Schmidt, Florian, 95100 Selb, DE-2-293	
1a Studbook number:	**DE-2-293-46-2022-K**	
		Daughters of
Race line:	Sign: yellow	Queen: 0.3%
Generation: 4	Hatch date: 22.05.2022	Workers: 1.7%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	54.7	103.2	38	68	53.0

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	112	
Honey yield	-	103	0.49
Defensive behavior	2.40	105	0.59
Steadiness on comb	2.30	103	0.59
Swarming drive	4	111	0.55
Varroa	-	113	0.57
Performance index	-	107	0.49
Robustness in winter	3		
Development in Spring	2.50		
Colony strength	3		

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.

16.02.2024

For the correctness DE-2

Breeding selection report DE-2-293-46-2022-K

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Performance of the sisters

Amount of checked sisters: 17

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-2-293-4-2022	DE-2-293	1	116		104		110		109		105	120	108
DE-2-293-36-2022	DE-2-293	1	116		103		111		109		115	115	111
DE-2-293-43-2022	DE-2-293	1	117		108		112		111		116	114	114
DE-2-293-72-2022	DE-2-293	1	119		107		113		112		116	117	114
DE-2-293-31-2022-K	DE-2-502	2	107	47.4	101	2.6	104	1.8	100	4	110	107	104
DE-2-293-34-2022-K	DE-2-502	2	112	61.6	105	2.7	107	2.3	104	4	111	111	108
DE-2-293-35-2022-K	DE-2-502	2	114	58.2	105	3.2	115	3.2	114	4	113	108	114
DE-2-293-46-2022-K	DE-2-502	2	112	54.7	103	2.4	105	2.3	103	4	111	113	107
DE-2-293-49-2022-K	DE-2-502	2	121	57.3	106	3.6	120	3.7	120	4	114	116	118
DE-2-293-74-2022-K	DE-2-502	2	117	65.7	107	3.3	115	3.1	113	4	113	114	114
DE-2-293-16-2022-K	DE-2-503	2	119		105		112		112		119	118	114
DE-2-293-21-2022-K	DE-2-503	2	116		105		111		109		119	112	113
DE-2-293-22-2022**	DE-2-503	2	115		(104)		(111)		(110)		(113)	(113)	111
DE-2-293-26-2022-K	DE-2-503	2	118		106		110		111		119	115	114
DE-2-293-33-2022-K	DE-2-503	2	118		105		114		113		120	114	115
DE-2-293-39-2022-K	DE-2-503	2	118		101		115		114		114	118	113
DE-2-293-65-2022-K	DE-2-731	1	112		99		110		107		111	111	108

Colony without performance tests