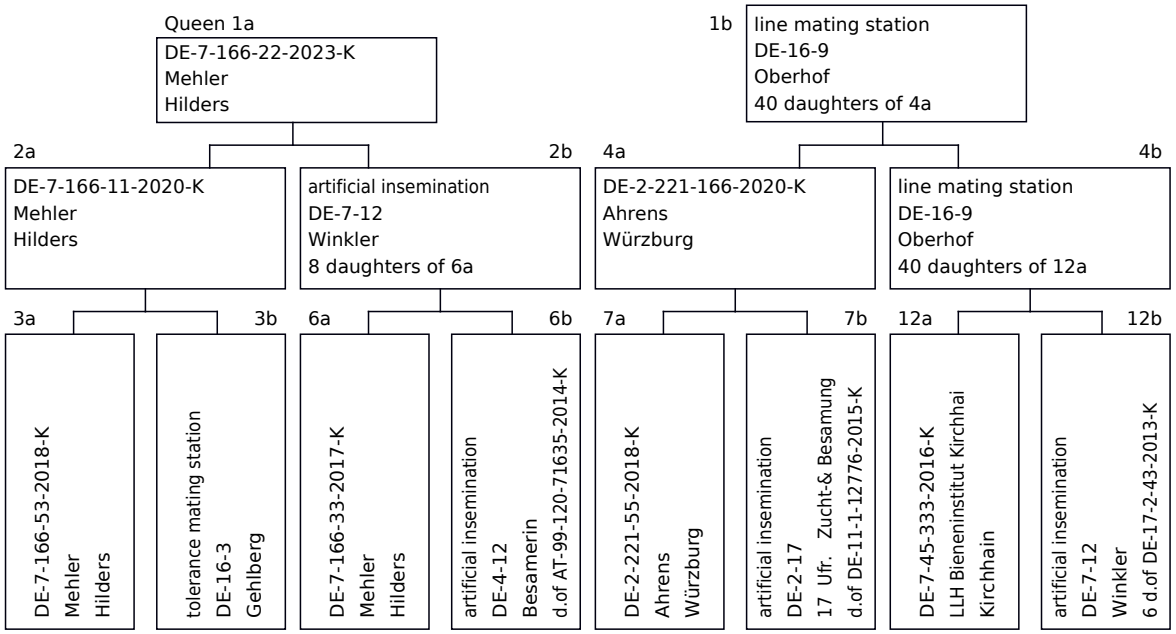
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-7-166-22-2023-K

Landesverband Hessischer Imker e.V.

Tester of the queen:	Mehler, Aloys, 36115 Hilders, DE-7-166, Apiary 2	
Breeder of the queen:	Mehler, Aloys, 36115 Hilders, DE-7-166	
1a Studbook number:	**DE-7-166-22-2023-K**	
		Daughters of
Race line: -C-70	Sign: red rot	Queen: 5.9%
Generation: 15	Hatch date: 2.6.2023	Workers: 1.6%

A. Pedigree



B. Own performance

	No. of the colony 1			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	56	116.5	1	8	48.1

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	118	
Honey yield	-	111	0.42
Defensive behavior	4	121	0.5
Steadiness on comb	3.80	119	0.5
Swarming drive	4	104	0.43
Varroa	-	114	0.45
Performance index	-	116	0.42
Robustness in winter			
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.

18.05.2025

For the correctness DE-7

Breeding selection report DE-7-166-22-2023-K

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Performance of the sisters

Amount of checked sisters: 6

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-7-166-22-2023-K	DE-7-166	2	118	56	111	4	121	3.8	119	4	104	114	116
DE-7-166-23-2023	DE-7-166	2	118	50.5	108	4	121	3.8	119 inspection	4	104	114*	115
DE-7-166-34-2023	DE-7-166	2	116	47.5	105	3.8	120	3.8	119	3.5	100	113	113
DE-7-166-35-2023	DE-7-166	2	115	37.5	101	3.8	120	3.6	118	4	102	112	112
DE-7-166-38-2023	DE-7-166	2	116	48	106	3.8	119	3.6	117	4	103	112	113
DE-7-166-41-2023	DE-7-166	2	114	50	106	3.6	117	3.6	116	3.5	100	112	112

Only one Varroa trait was recorded