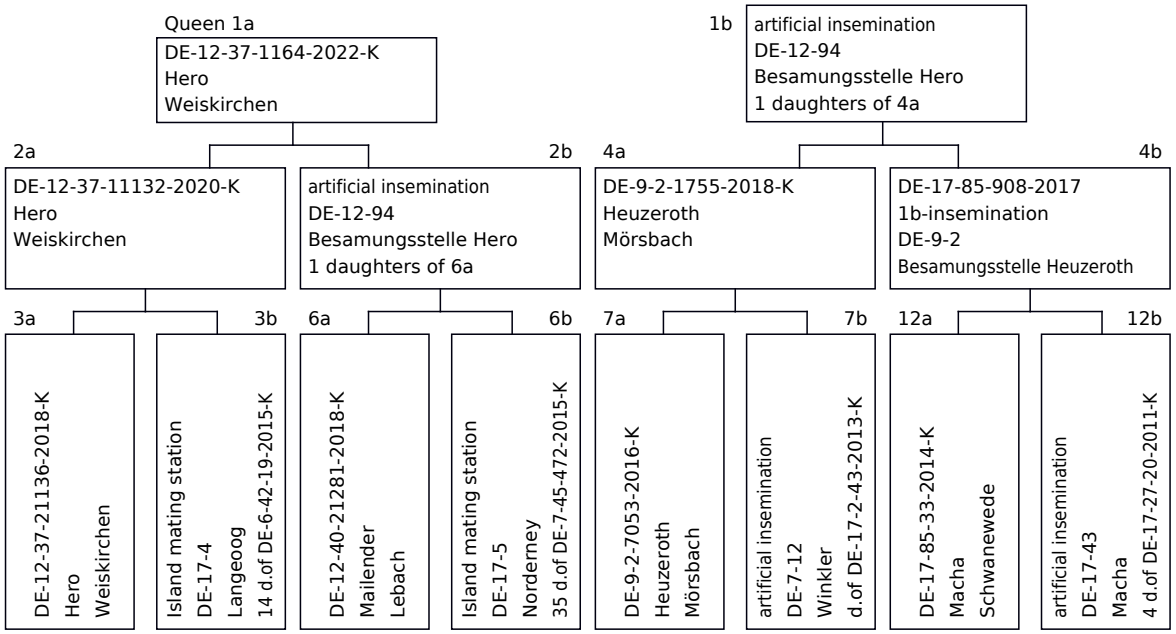
Breeding selection report
DE-12-37-1164-2022-K

Tester of the queen:	Hero, Horst, 66709 Weiskirchen, DE-12-37, Apiary 1	
Breeder of the queen:	Hero, Horst, 66709 Weiskirchen, DE-12-37	
1a Studbook number:	**DE-12-37-1164-2022-K**	
		Daughters of
Race line: -C	Sign: yellow 64	Queen: 3.1%
Generation: 7	Hatch date: 27.06.2022	Workers: 5.9%

A. Pedigree



B. Own performance

	No. of the colony KK 3.4.			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	62.5	117.5	3	16	53.2

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	111	
Honey yield	-	110	0.51
Defensive behavior	3.90	105	0.6
Steadiness on comb	3.80	108	0.6
Swarming drive	4	107	0.54
Varroa	-	110	0.57
Performance index	-	109	0.51
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.

09.07.2024

For the correctness DE-12

Breeding selection report DE-12-37-1164-2022-K

Page 2

Performance of the sisters

Amount of checked sisters: 9

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-12-37-1161-2022	DE-12-37	1	108	64.4	110	4	106	3.8	108	3.5	104	104	108
DE-12-37-1162-2022	DE-12-37	1	105	48.2	104	3.4	101	3.5	104	3.8	104	104	104
DE-12-37-1163-2022	DE-12-37	1	110	64.4	110	3.8	105	3.8	108	4	107	108	109
DE-12-37-1164-2022-K	DE-12-37	1	111	62.5	110	3.9	105	3.8	108	4	107	110	109
DE-12-37-1165-2022	DE-12-37	1	104	47.3	103	3.4	99	3.2	101	3.7	103	104	102
DE-12-37-1166-2022	DE-12-37	1	109	54.2	106	3.8	104	3.7	107	3.8	105	107	107
DE-12-37-1167-2022	DE-12-37	1	110	57.6	107	3.8	104	3.8	108	3.5	104	109	107
DE-12-37-1168-2022	DE-12-37	1	103	36.4	100	3.5	102	3.5	105	3.5	103	100	103
DE-12-37-1169-2022	DE-12-37	1	107	52	105	3.7	103	3.7	107	3.5	103	104	106