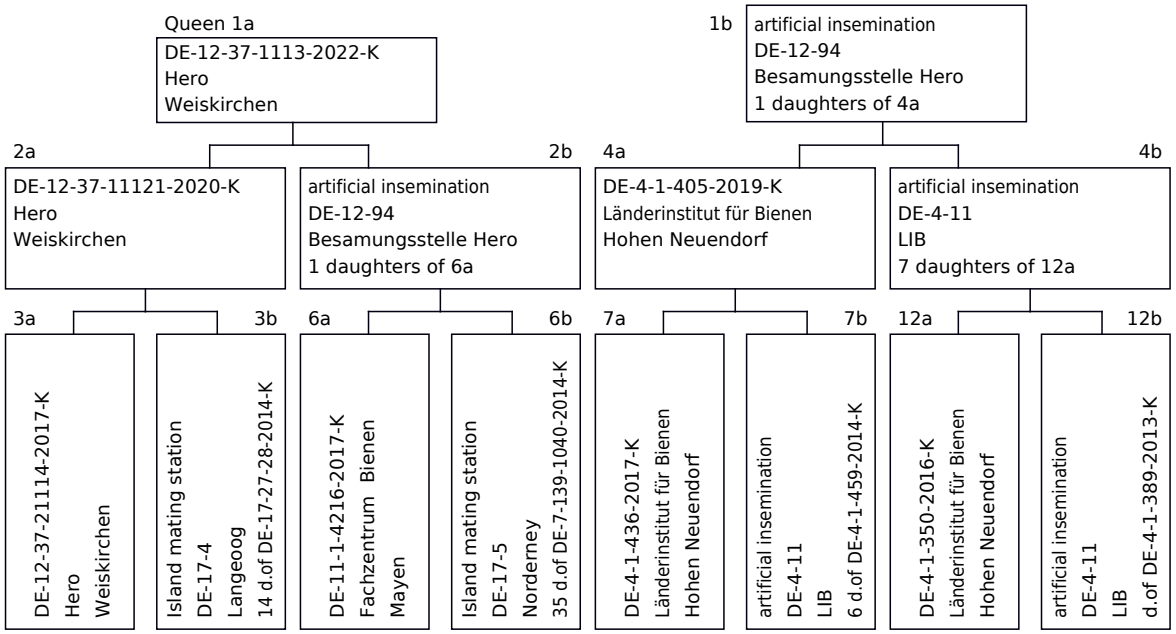
Breeding selection report
DE-12-37-1113-2022-K

Tester of the queen:	Hero, Horst, 66709 Weiskirchen, DE-12-37, Apiary 2	
Breeder of the queen:	Hero, Horst, 66709 Weiskirchen, DE-12-37	
1a Studbook number:	**DE-12-37-1113-2022-K**	
		Daughters of
Race line: -C	Sign: yellow 13	Queen: 2.4%
Generation: 6	Hatch date: 16.06.2022	Workers: 2.8%

A. Pedigree



B. Own performance

	No. of the colony AE 4.2.			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	81.2	136	1	20	59.7

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	112	
Honey yield	-	98	0.43
Defensive behavior	4	101	0.53
Steadiness on comb	4	106	0.52
Swarming drive	4	110	0.48
Varroa	-	116	0.49
Performance index	-	104	0.43
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-12-37-1113-2022-K

Page 2

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-12-37-1122-2022	DE-12-37	1	109	58.8	95	3.8	99	3.8	105	4	108	113	102
DE-12-37-1123-2022	DE-12-37	1	105	48.9	90	3.7	98	3.7	103	3.5	104	110	99
DE-12-37-1111-2022	DE-12-37	2	108	72.2	96	4	101	4	106	3.8	108	109	103
DE-12-37-1112-2022	DE-12-37	2	103	78.8	96	3.5	94	3.6	100	3.5	104	107	98
DE-12-37-1113-2022-K	DE-12-37	2	112	81.2	98	4	101	4	106	4	110	116	104
DE-12-37-1114-2022	DE-12-37	2	109	51.4	91	3.7	99	4	105	3.5	105	116	100
DE-12-37-1115-2022	DE-12-37	2	102	43.9	88	3.5	95	3.6	100	3.5	104	107	97
DE-12-37-1116-2022	DE-12-37	2	107	49.2	90	3.8	100	4	106	3.5	106	111	100
DE-12-37-1117-2022	DE-12-37	2	103	39.1	86	3	90	3.5	97	3	100	114	92
DE-12-37-1118-2022	DE-12-37	2	110	59.1	93	4	102	4	107	4	110	114	103
DE-12-37-1119-2022	DE-12-37	2	113	80.3	98	4	101	4	106	4	110	118	104
DE-12-37-1120-2022	DE-12-37	2	109	62.3	93	4	101	4	106	3.5	106	114	102