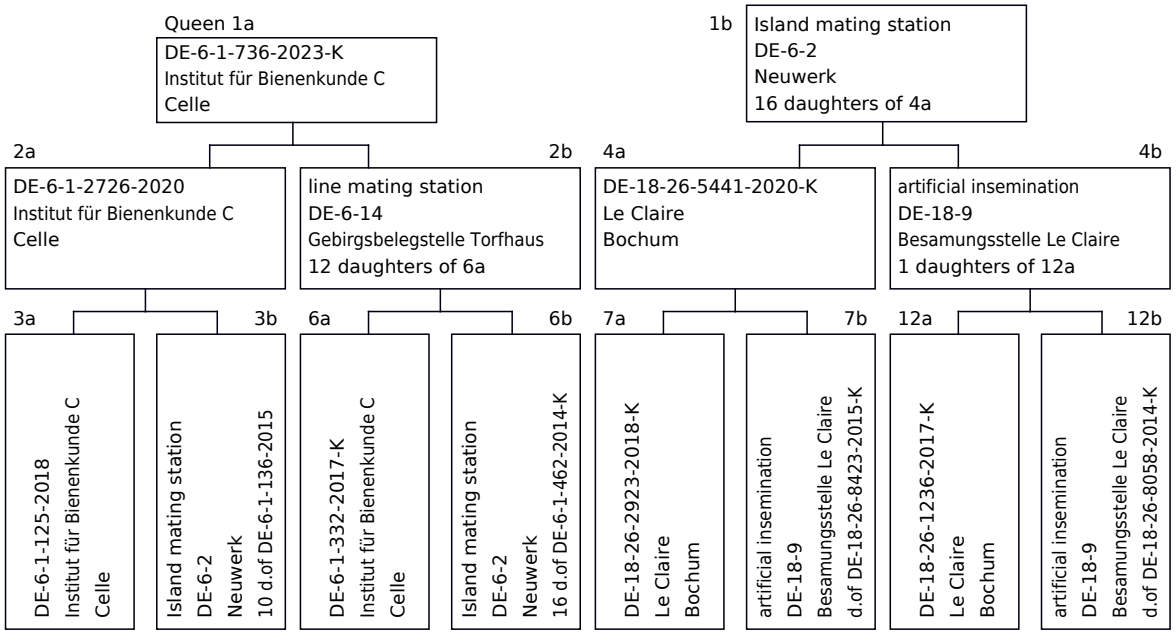
Breeding selection report
DE-6-1-736-2023-K

DEUTSCHER IMKERBUND E.V.

LANDESVERBAND HANNOVERSCHER IMKER E.V.

Tester of the queen:	Institut für Bienenkunde Celle, 29221 Celle, DE-6-1, Apiary 2	
Breeder of the queen:	Institut für Bienenkunde Celle, 29221 Celle, DE-6-1	
1a Studbook number:	**DE-6-1-736-2023-K**	
		Daughters of
Race line: -20	Sign: red	Queen: 5.4%
Generation:	Hatch date:	Workers: 0.5%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	10.7	183.1	10	36	5.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	99	
Honey yield	-	107	0.32
Defensive behavior	3.80	92	0.42
Steadiness on comb	3.80	95	0.41
Swarming drive	4	94	0.36
Varroa	-	(101)	0.25
Performance index	-	97	0.32
Robustness in winter			
Development in Spring	3.16		
Colony strength	3.13		

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 P
Use only for test breeding. The offspring of these colonies should not circulate among other bees.

04.05.2025

For the correctness DE-6

Breeding selection report DE-6-1-736-2023-K

Page 2

Performance of the sisters

Amount of checked sisters: 10

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-6-1-594-2023	DE-6-1	1	98	65.2	104	3.6	91	3.8	96	4	93	(101)	96
DE-6-1-606-2023	DE-6-1	1	97	46.7	102	3.5	90	3.6	94	4	92	(101)	94
DE-6-1-670-2023	DE-6-1	1	97	93.2	107	3.2	87	3.4	90	4	93	(101)	93
DE-6-1-799-2023	DE-6-1	1	97	64.6	104	3.3	89	3.6	94	4	93	(101)	94
DE-6-1-820-2023	DE-6-1	1	97	43.9	102	3.7	92	3.5	94	4	92	(101)	94
DE-6-1-514-2023	DE-6-1	2	97	0	102	3.8	92	3.7	95	4	93	(101)	95
DE-6-1-619-2023	DE-6-1	2	98	10.9	107	3.7	91	3.8	95	4	94	(101)	96
DE-6-1-736-2023	DE-6-1	2	99	10.7	107	3.8	92	3.8	95	4	94	(101)	97
DE-6-1-788-2023	DE-6-1	2	97	11.2	107	3.5	87	3.4	90	4	93	(101)	94
DE-6-1-800-2023	DE-6-1	2	96	6.5	105	3.4	86	3.3	89	4	93	(101)	92