

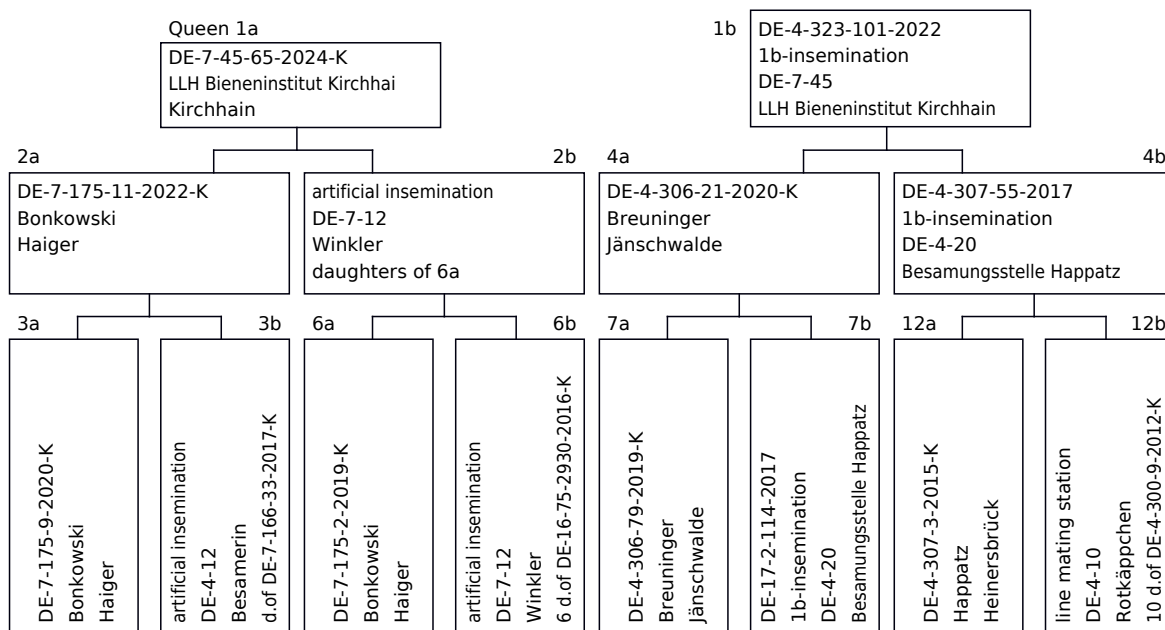
Breeding selection report

DE-7-45-65-2024-K

Tester of the queen: Büchler, Ralph, 35274 Kirchhain, DE-7-328, Apiary 2
Breeder of the queen: LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45
1a Studbook number: **DE-7-45-65-2024-K**

Race line: -AGT Sign: green 48 Daughters of Queen: 3.1%
Generation: 1 Hatch date: 14.05.2024 Workers: 0.9%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 2			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	98	131.1	1	7	74.8

	Assessment*	Breeding values										Reliability
Total breeding value¹	-	120										
Honey yield	-	126										0.51
Defensive behavior	3.40	113										0.6
Steadiness on comb	3.20	120										0.6
Swarming drive	2	103										0.54
Varroa	-	116										0.55
Performance index	-	118										0.51
Robustness in winter	4											
Development in Spring	3											
Colony strength	3											

¹In 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.

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Performance of the sisters

Amount of checked sisters: 5

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	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-7-45-63-2024-K	DE-7-45	1	124		126		119		120		102	122	119
DE-7-45-64-2024-K	DE-7-45	3	123		122		115		119		108	120	119
DE-7-45-62-2024-K	DE-7-45	4	123		124		116		120		101	120	118
DE-7-45-61-2024	DE-7-200	5	119		123		106		113		104	118	114
DE-7-45-65-2024-K	DE-7-328	2	120	98	126	3.4	113	3.2	120	2	103	116	118