

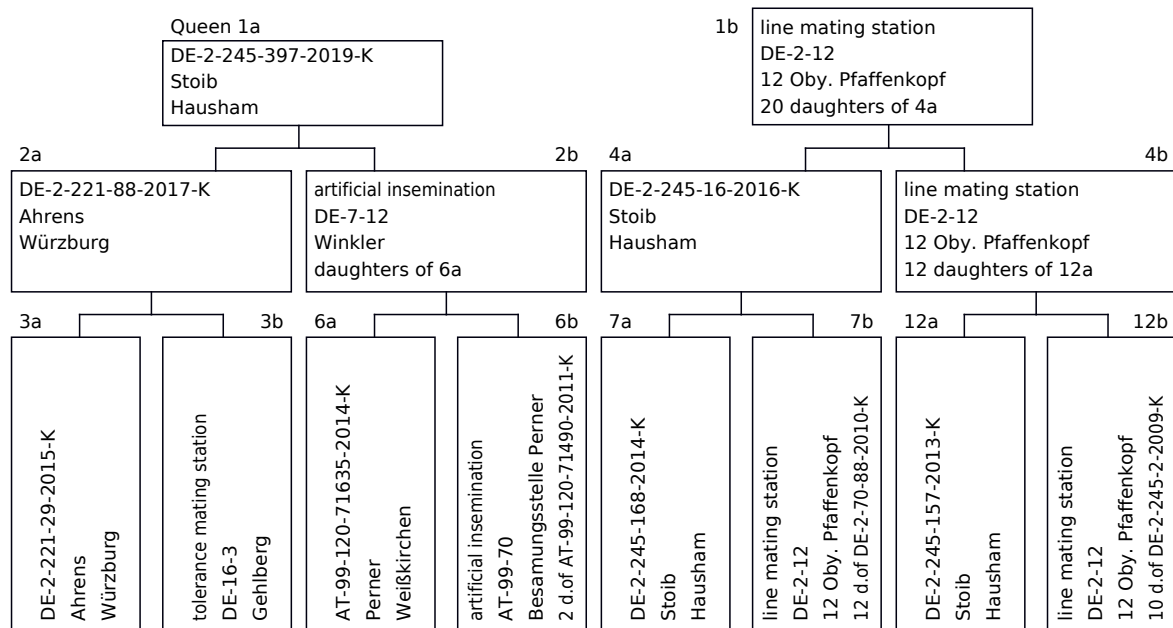
Tester of the queen: Stoib, Max, 83734 Hausham, DE-2-245, Apiary 1
 Breeder of the queen: Stoib, Max, 83734 Hausham, DE-2-245
1a Studbook number: **DE-2-245-397-2019-K**

Race line: -DA
 Generation: 14

Sign: green 7
 Hatch date: 12.06.2019

Daughters of
 Queen: 1.5%
 Workers: 0.0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	26	107.4	5	15	24.2	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	108	■			
Honey yield	-	101				0.35
Defensive behavior	3.90	110	■			0.45
Steadiness on comb	3.80	108	■			0.45
Swarming drive	4	104	■			0.29
Varroa	-	(105)	■			0.24
Performance index	-	107	■			0.35
Robustness in winter	3.50		70%	100%	170%	
Development in Spring	3.60					
Colony strength	3.90					

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 A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

Breeding selection report DE-2-245-397-2019-K

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Performance of the sisters

Amount of checked sisters: 7

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-2-245-363-2019	DE-2-245	1	108	24	100	3.9	109	3.8	108	4	104	(105)	107
DE-2-245-374-2019	DE-2-245	1	106	14	96	3.7	108	3.7	106	4	103	(105)	104
DE-2-245-376-2019	DE-2-245	1	107	21	99	3.8	109	3.7	107	4	104	(105)	105
DE-2-245-391-2019	DE-2-245	1	107	17.5	98	3.7	108	3.7	106	4	104	(105)	105
DE-2-245-395-2019	DE-2-245	1	107	15.5	97	3.8	109	3.7	107	4	103	(105)	105
DE-2-245-397-2019-K	DE-2-245	1	108	26	101	3.9	110	3.8	108	4	104	(105)	107
DE-2-245-398-2019	DE-2-245	1	106	15	97	3.7	108	3.7	106	4	103	(105)	104