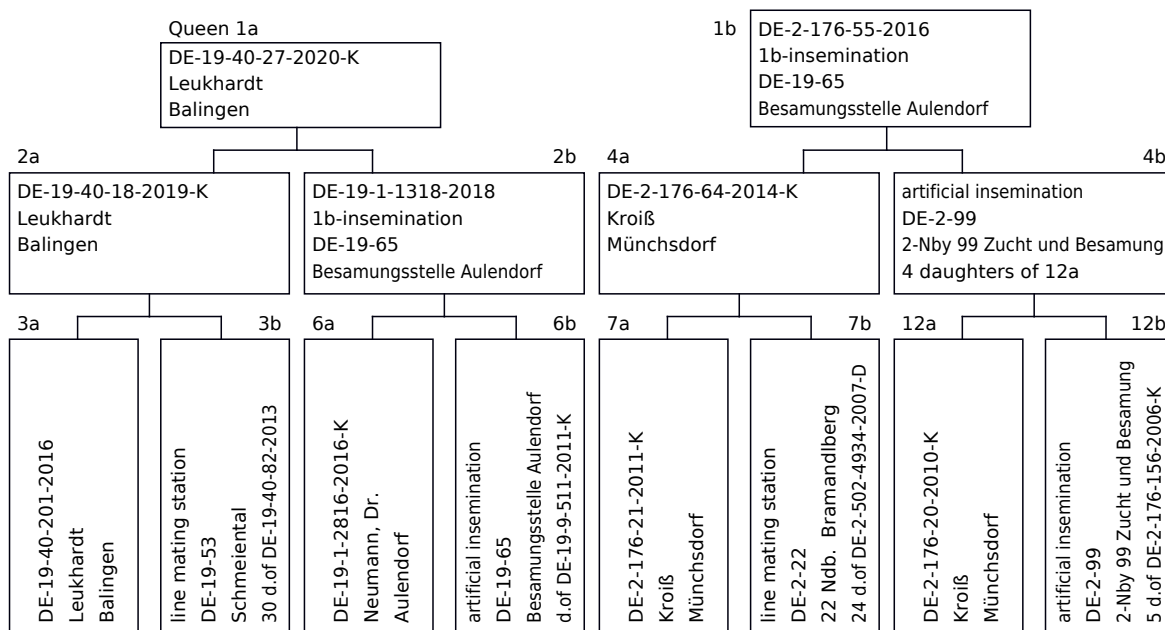


Breeding selection report DE-19-40-27-2020-K

Tester of the queen: Leukhardt, Thomas, 72336 Balingen, DE-19-40, Apiary 7
Breeder of the queen: Leukhardt, Thomas, 72336 Balingen, DE-19-40
1a Studbook number: **DE-19-40-27-2020-K**

Race line: -04 Sign: blue 27 Daughters of Queen: 0.1%
Generation: Hatch date: Workers: 0.5%

A. Pedigree



B. Own performance

3. Own performance	No. of the colony W 15			comparable colonies at the apiary							
	kg	%	Ranking	number	Yield average kg						
Performance test year	11	103.6	6	13	10.6						
	Assessment*	Breeding values									Reliability
Total breeding value ¹	-	108									
Honey yield	-	110									0.51
Defensive behavior	4	111									0.63
Steadiness on comb	4	108									0.62
Swarming drive	4	99									0.47
Varroa	-	(105)									0.38
Performance index	-	108									0.51
Robustness in winter	3.50	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									
Development in Spring	3.50										
Colony strength	3.50										

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

none Analysis of race characteristics

E. Results

Class P

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

Breeding selection report DE-19-40-27-2020-K

Page 2

Performance of the sisters

Amount of checked sisters: 4

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 index
DE-19-40-26-2020	DE-19-40	2	109	11	109	4	109	4	109	4	99	(105)	109
DE-19-40-31-2020	DE-19-40	2	107	11	109	3.5	109	3.8	106	4	99	(105)	107
DE-19-40-27-2020	DE-19-40	7	108	11	110	4	111	4	108	4	99	(105)	108
DE-19-40-30-2020	DE-19-40	7	107	9	106	3.8	109	3.8	106	4	98	(105)	106