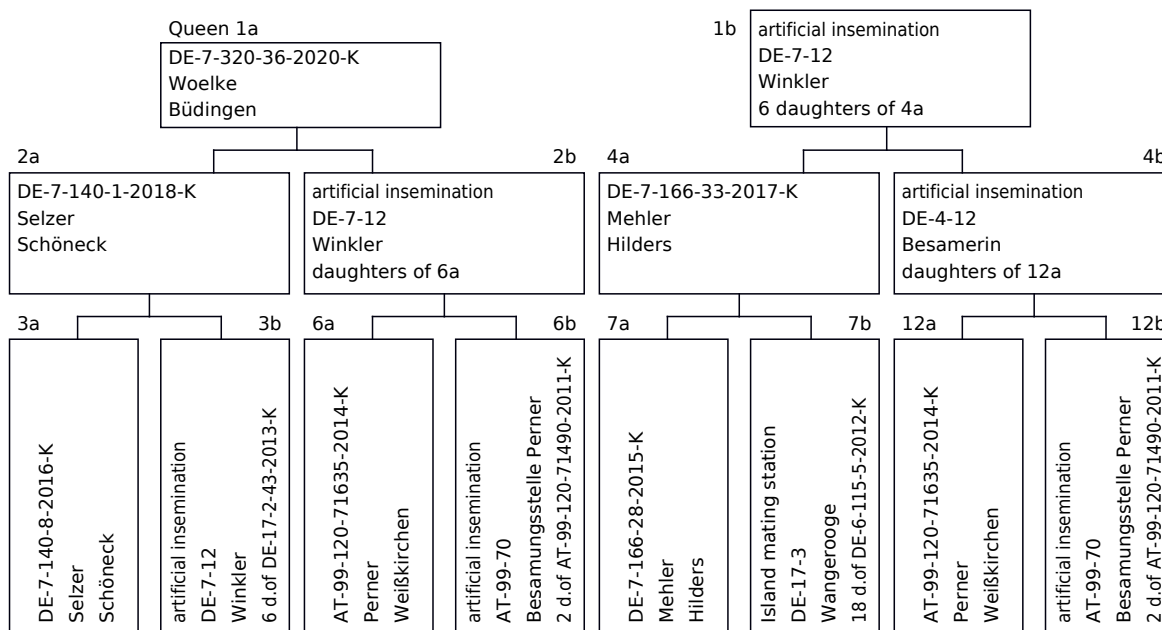


Tester of the queen: Völlinger, Peggy, 36137 Großenlüder, DE-7-193, Apiary 1
 Breeder of the queen: Woelke, Rolf, 63654 Büdingen, DE-7-320
1a Studbook number: **DE-7-320-36-2020-K**

Race line: -c-agt Sign: blue 36 Daughters of Queen: 0.6%
 Generation: 0 Hatch date: 10.06.2020 Workers: 1.1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 35			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	36	92.9	6	8	38.8
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	121			
Honey yield	-	108			0.47
Defensive behavior	3.60	122			0.58
Steadiness on comb	3.60	120			0.58
Swarming drive	3.90	111			0.52
Varroa	-	118			0.54
Performance index	-	117			0.47
Robustness in winter			70%	100%	170%
Development in Spring					
Colony strength					

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.

Breeding selection report DE-7-320-36-2020-K

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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	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-7-320-36-2020-K	DE-7-193	1	121	36	108	3.6	122	3.6	120	3.9	111	118	117
DE-7-320-39-2020	DE-7-320	1	122		110		121		inspection 120		116	117	119
DE-7-320-43-2020	DE-7-320	1	118		115		115		115		116	111	118
DE-7-320-44-2020	DE-7-320	1	121		118		114		115		116	117	118