

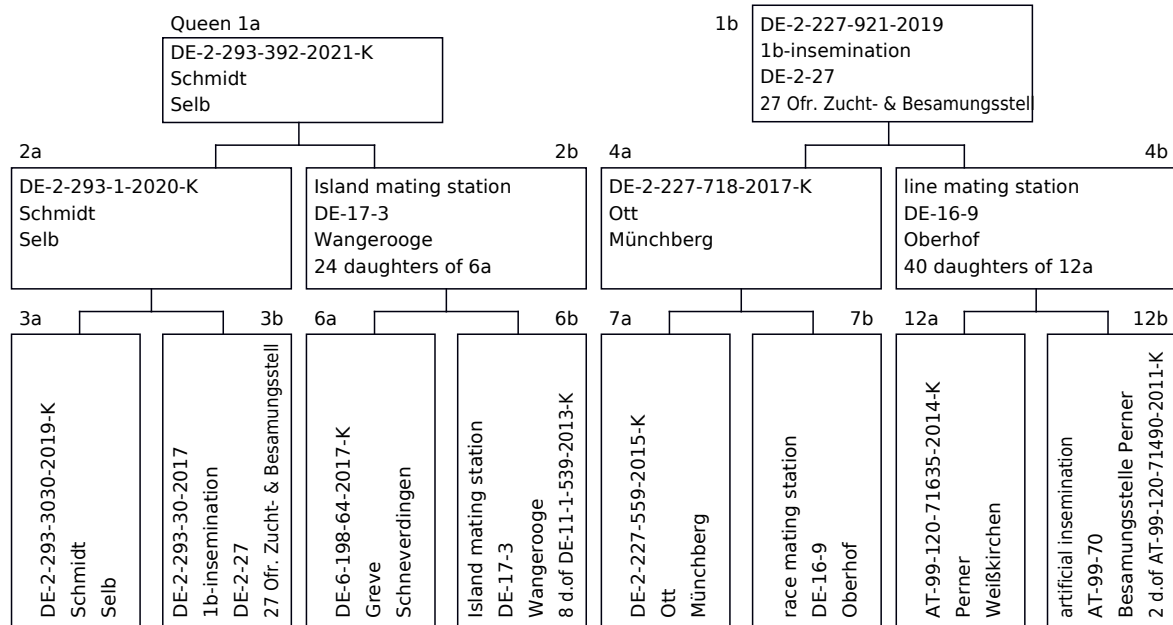
Tester of the queen: Schmidt, Florian, 95100 Selb, DE-2-293, Apiary 1
 Breeder of the queen: Schmidt, Florian, 95100 Selb, DE-2-293
1a Studbook number: **DE-2-293-392-2021-K**

Race line:
 Generation: 3

Sign: white
 Hatch date:

Daughters of
 Queen: 0.3%
 Workers: 3.3%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	58.9	107.7	7	15	54.7
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	121			
Honey yield	-	114			0.42
Defensive behavior	4	124			0.55
Steadiness on comb	3.99	121			0.55
Swarming drive	4	110			0.46
Varroa	-	116			0.5
Performance index	-	120			0.42
Robustness in winter	3		70%	100%	170%
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

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-2-293-392-2021-K

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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-2-227-197-2021	DE-2-227	1	119		114							111	120
DE-2-293-381-2021	DE-2-293	1	117	50.8	111	4	124	4	121	3	104	111	117
DE-2-293-391-2021	DE-2-293	1	117	43	109	4.0	124	4	121	3	104	111	117
DE-2-293-392-2021-K	DE-2-293	1	121	58.9	114	4	124	4.0	121	4	110	116	120
DE-2-293-396-2021	DE-2-293	1	117	61	113	4.0	124	4.0	121	3	104	110	118