

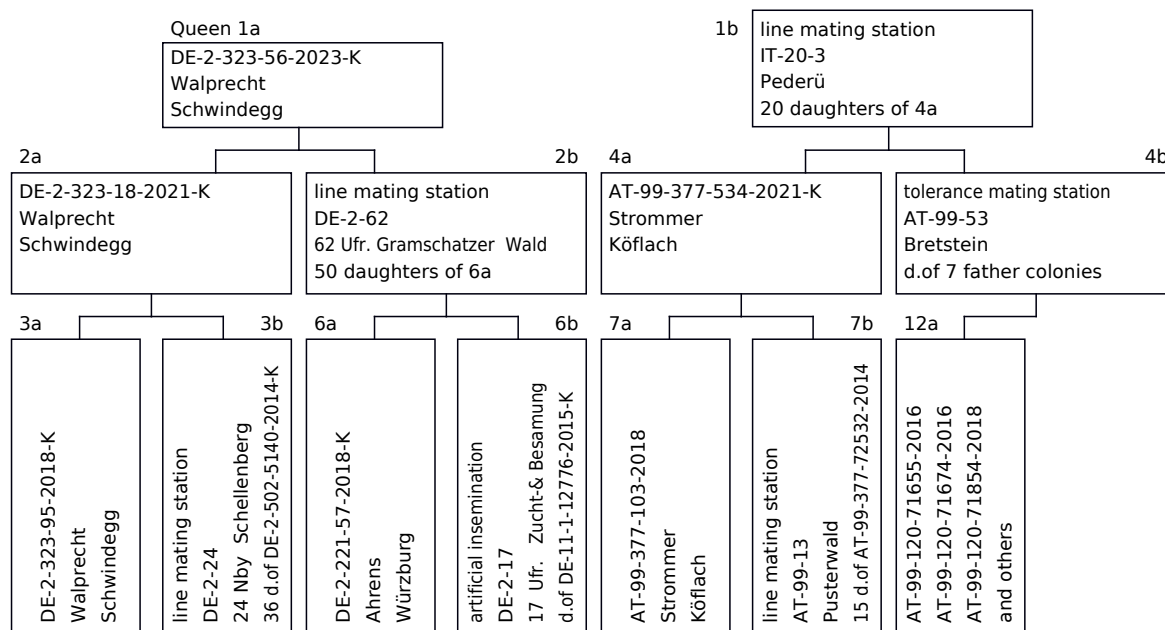
Breeding selection report

DE-2-323-56-2023-K

Tester of the queen: Stoiber, Josef, 84428 Buchbach, DE-2-618, Apiary 1
Breeder of the queen: Walprecht, Dirk, 84419 Schwindegg, DE-2-323
1a Studbook number: **DE-2-323-56-2023-K**

Race line: -C Sign: red 45 Daughters of Queen: 1.9%
Generation: 3 Hatch date: 22.05.2023 Workers: 1.7%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	93	123.1	1	12	75.5
	Assessment*	Breeding values			
Total breeding value¹	-	109			
Honey yield	-	113			0.42
Defensive behavior	4	103			0.51
Steadiness on comb	3.75	102			0.5
Swarming drive	4	95			0.41
Varroa	-	111			0.45
Performance index	-	104			0.42
Robustness in winter	4		70% 100% 170%		
Development in Spring	4				
Colony strength	4				

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: 7

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 index
DE-2-323-56-2023-K	DE-2-618	1	109	93	113	4	103	3.8	102	4	95	111	104
IT-20-9-210-2023	IT-20-10	1	107		109		100		99		93	111	100
IT-20-9-206-2023	IT-20-35	1	105		109		101		100		93	107	101
IT-20-9-209-2023	IT-20-70	1	104		103		100		101		91	108	98
IT-20-9-211-2023	IT-20-108	2	104		(107)		97		97		(92)	(109)	98
IT-20-9-212-2023	IT-20-118	1	101		106		94		96		91	106	96
IT-20-9-207-2023	IT-20-145	1	100		105		100		100		86	101	97