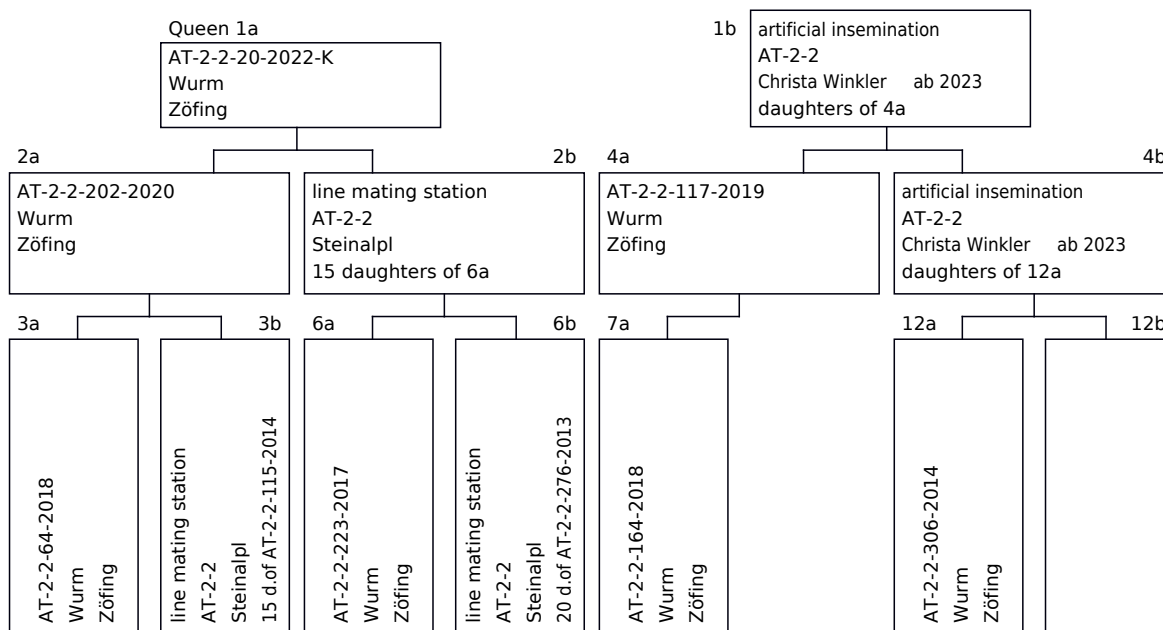


Breeding selection report

AT-2-2-20-2022-K

Tester of the queen:	Wurm, Christian, 3441 Zöfing, AT-2-2, Apiary 11	
Breeder of the queen:	Wurm, Christian, 3441 Zöfing, AT-2-2	
1a Studbook number:	AT-2-2-20-2022-K	
Race line: -C1	Sign: yellow 14	Daughters of Queen: 0.0%
Generation:	Hatch date:	Workers: 0.0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 312			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	53.5	133.4	2	5	40.1	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	106				
Honey yield	-	118				0.38
Defensive behavior	4	107				0.51
Steadiness on comb	4	110				0.5
Swarming drive	4	114				0.39
Varroa	-	91				
Performance index	-	115				0.38
Robustness in winter			70% 100% 170%			
Development in Spring	4					
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 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 AT-2-2-20-2022-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 index
AT-2-2-19-2022	AT-2-2	6	102	60	113	4	103	4	106	4	106	(90)	110
AT-2-2-21-2022	AT-2-2	10	101	16	110	4	104	4	105	4	107	91	108
AT-2-2-20-2022-K	AT-2-2	11	106	53.5	118	4	107	4	110	4	114	91	115
AT-2-2-18-2022	AT-2-2	12	101	46.5	106	3.8	106	4	108	4	105	91*	108
AT-2-2-20-2020	AT-2-2	11	100	53.5	109	4	104	4	105	4	105	89	107

Only one Varroa trait was recorded