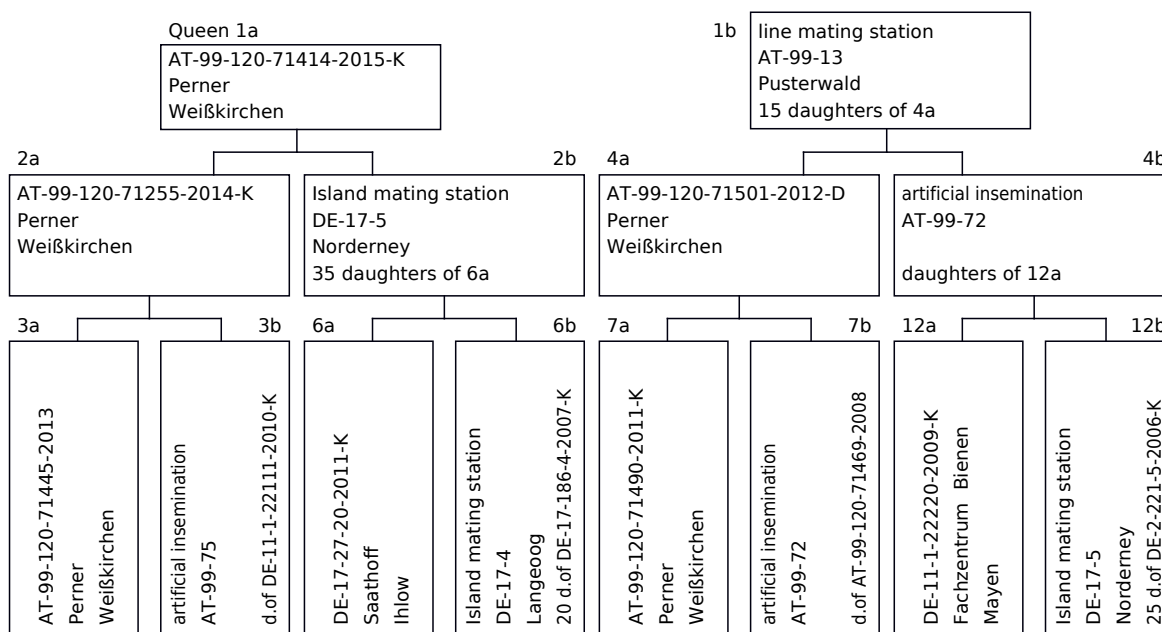


Tester of the queen: Schwarzer, Herbert, 84405 Dorfen, DE-2-731, Apiary 1
 Breeder of the queen: Perner, Karl, 8741 Weißkirchen, AT-99-120
1a Studbook number: **AT-99-120-71414-2015-K**

Race line: -1 Sign: blue b Daughters of Queen: 0.7%
 Generation: 1 Hatch date: 12.7.2015 Workers: 5.8%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 8			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	24	117.3	1	13	20.5
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	127			
Honey yield	-	114			0.46
Defensive behavior	4.00	118			0.64
Steadiness on comb	4.00	119			0.65
Swarming drive	4.00	114			0.43
Varroa	-	124			0.35
Performance index	-	0			
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

none Analysis of race characteristics

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 AT-99-120-71414-2015-K

Page 2

Performance of the sisters

Amount of checked sisters: 8

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-99-120-71570-2015	AT-99-120	1	120		120		Behavior		109		110	124	
AT-99-120-71503-2015	AT-99-120	3	125		109		125		126		110	118	
AT-99-120-71505-2015	AT-99-120	3	124		115		112		115		109	124	
AT-99-120-71535-2015	AT-99-120	3	107		103		91		93		104	119	
AT-99-120-71412-2015-K	DE-2-731	1	114	21	109	3.5	104	3.8	107	4.0	111	115	
AT-99-120-71414-2015-K	DE-2-731	1	127	24	114	4.0	118	4.0	119	4.0	114	124	
AT-99-120-71413-2015-K	DE-2-731	2	101	14	107	3.3	94	3.3	95	3.0	96	106	
AT-99-120-71369-2015	UA-1-1	3	112		108		100		100		105	(119)	