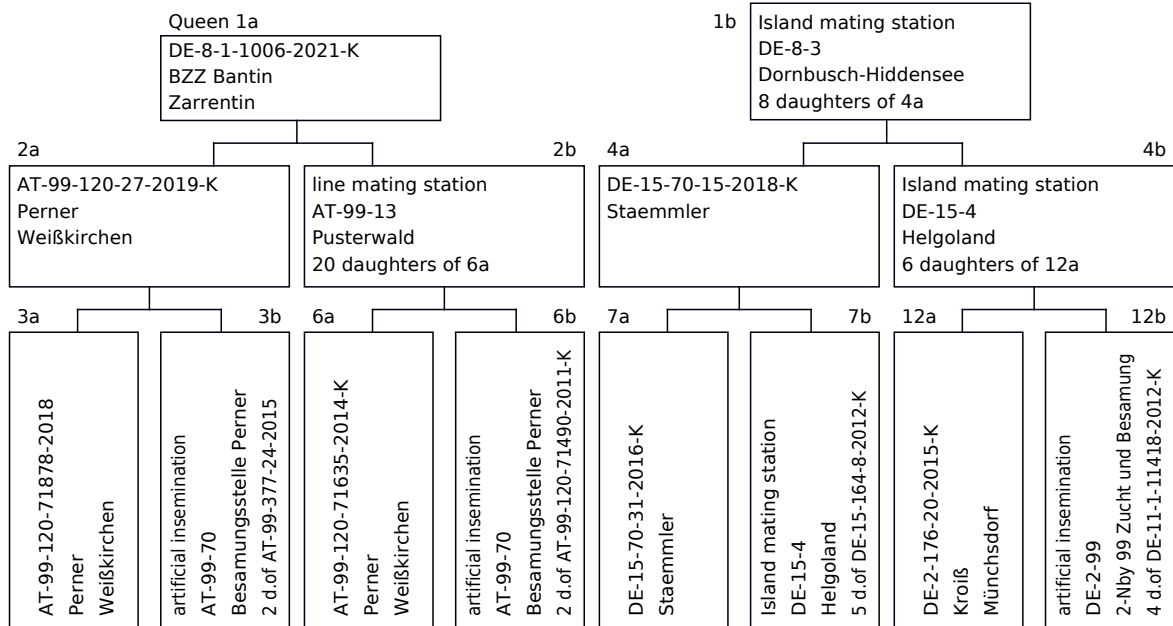


Tester of the queen: Köhler, Stefan, 18059 Ziesendorf, DE-8-219, Apiary 3
 Breeder of the queen: BZZ Bantin, Landesverband der Imker M-V, 19246 Zarrentin, DE-8-1
1a Studbook number: **DE-8-1-1006-2021-K**

Race line: Sign: white 73
 Generation: Hatch date: 14.06.2021

Daughters of Queen: 4.6%
 Workers: 0.9%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 965			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	80.9	104.4	2	6	77.5
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	116			
Honey yield	-	121			0.35
Defensive behavior	3.90	115			0.45
Steadiness on comb	3.80	113			0.45
Swarming drive	4	119			0.4
Varroa	-	104			0.42
Performance index	-	120			0.35
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.

Breeding selection report DE-8-1-1006-2021-K

Page 2

Performance of the sisters

Amount of checked sisters: 10

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
DE-8-1-1000-2021	DE-8-2	1	117		117		101		109		110	108	118
DE-8-1-1002-2021	DE-8-2	1	111		118		101		109		110	109	108
DE-8-1-1012-2021	DE-8-2	1	114		117		108		109		110	111	113
DE-8-1-1015-2021	DE-8-2	1	119		119		119		117		113	112	119
DE-8-1-1004-2021-K	DE-8-217	1	121		126		114		114		121	113	121
DE-8-1-1007-2021	DE-8-217	1	115		118		109		109		110	112	113
DE-8-1-1016-2021-K	DE-8-217	1	120		119		116		115		121	113	120
DE-8-1-1006-2021-K	DE-8-219	3	116	80.9	121	3.9	115	3.8	113	4	119	104	120
DE-8-1-1008-2021	DE-8-219	3	121	77.8	120	3.4	111	3.6	110	4	118	119	117
DE-8-1-1009-2021	DE-8-219	3	119	88.7	123	3.4	109	3.4	108	4	117	116	117