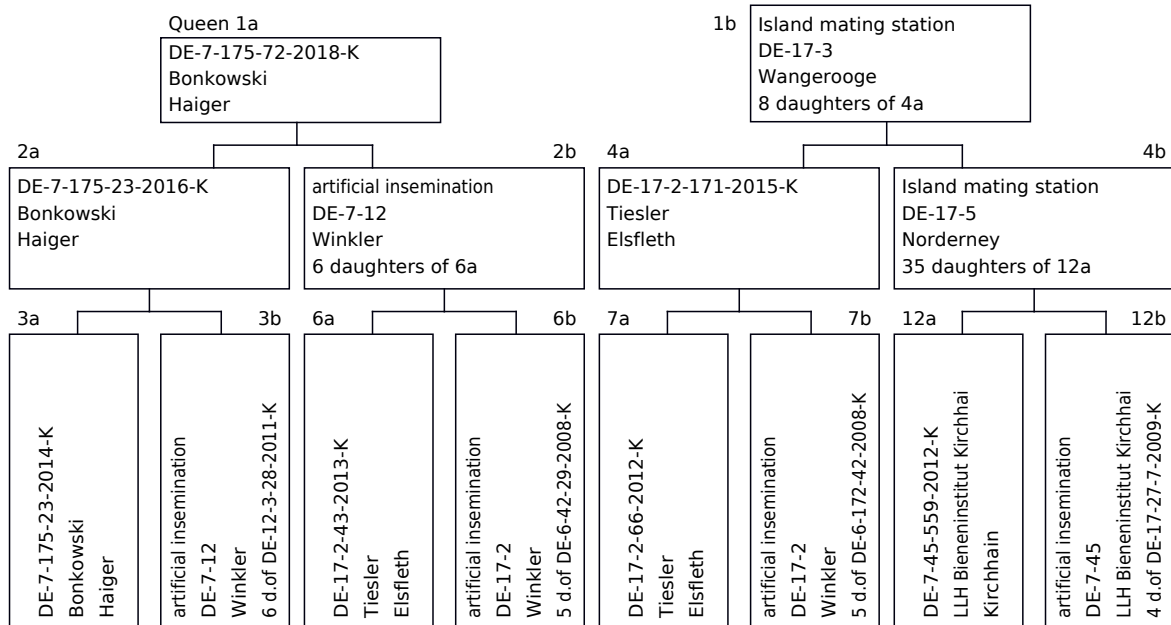


Tester of the queen: Bonkowski, Ralph, 35708 Haiger, DE-7-175, Apiary 1  
 Breeder of the queen: Bonkowski, Ralph, 35708 Haiger, DE-7-175  
**1a** Studbook number: **DE-7-175-72-2018-K**

Race line: -AGT Sign: red 72 Daughters of Queen: 1.3%  
 Generation: 6 Hatch date: 21.06.2018 Workers: 3.0%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 72			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	65	182	1	14	35.7
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	123			
Honey yield	-	120			0.39
Defensive behavior	3.90	114			0.52
Steadiness on comb	3.80	112			0.52
Swarming drive	4	110			0.31
Varroa	-	121			0.27
Performance index	-	116			0.45
Robustness in winter			70%	100%	170%
Development in Spring					
Colony strength					

<sup>1</sup>In 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-7-175-72-2018-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 ndex
DE-7-175-70-2018	DE-7-175	1	119	42	116	3.6	113	3.6	109	4	109	118	112
DE-7-175-71-2018	DE-7-175	1	121	43	117	3.8	113	3.7	111	4	109	120	114
DE-7-175-72-2018-K	DE-7-175	1	123	65	120	3.9	114	3.8	112	4	110	121	116
DE-7-175-74-2018**	DE-7-175	1	119		(116)		(111)		(109)		(109)	(117)	112
DE-7-175-77-2018	DE-7-175	1	120	51	118	3.9	114	3.8	112	4	110	(117)	115
DE-7-175-84-2018	DE-7-175	1	118	41	116	3.7	111	3.5	109	4	109	117	112
DE-7-175-85-2018**	DE-7-175	1	119		(116)		(111)		(109)		(109)	(117)	112
DE-7-175-86-2018**	DE-7-175	1	119		(116)		(111)		(109)		(109)	(117)	112

Colony without performance tests