

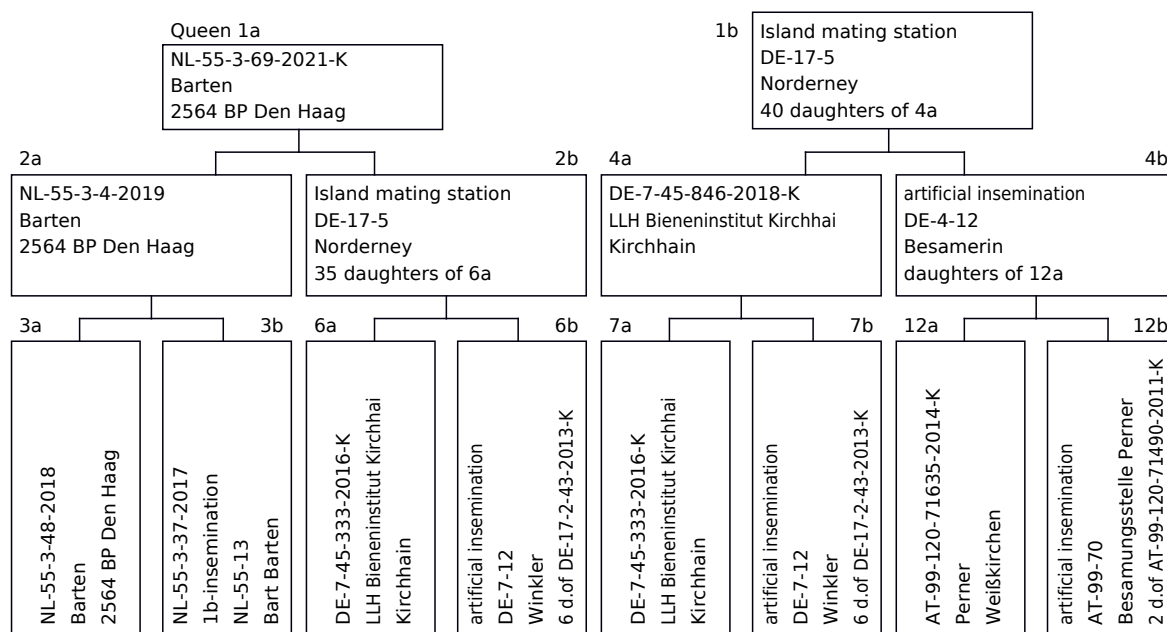
Breeding selection report

NL-55-3-69-2021-K

Tester of the queen: Wanders, Tieme, 7782 PK De Krim, NL-55-2, Apiary 1
Breeder of the queen: Barten, Bart, 2564 BP Den Haag, NL-55-3
1a Studbook number: **NL-55-3-69-2021-K**

Race line: -70 Sign: white 69 Daughters of Queen: 1.7%
Generation: 1 Hatch date: 01.06.2021 Workers: 6.0%

A. Pedigree



B. Own performance

3. Own performance	No. of the colony 6			comparable colonies at the apiary						
	kg	%	Ranking	number	Yield average kg					
Performance test year	39.8	125.2	5	14	31.8					
	Assessment*	Breeding values								Reliability
Total breeding value ¹	-	119								
Honey yield	-	118								0.49
Defensive behavior	3.63	112								0.57
Steadiness on comb	3.86	114								0.57
Swarming drive	4	117								0.47
Varroa	-	114								0.54
Performance index	-	117								0.49
Robustness in winter	4	70%100%170%								
Development in Spring	2.20	¹ 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								
Colony strength	3.50									

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: 6

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
NL-55-3-35-2021	NL-55-2	1	119	41.7	118	3.9	114	3.8	114	4	117	114	118
NL-55-3-46-2021	NL-55-2	1	115	40.2	118	3.9	114	3.7	114	4	117	105	118
NL-55-3-53-2021	NL-55-2	1	115	10.7	109	3.9	115	3.9	116	4	116	107	116
NL-55-3-54-2021	NL-55-2	1	119	38.5	117	3.8	114	3.9	115	4	117	113	118
NL-55-3-55-2021	NL-55-2	1	120	35.6	117	3.7	113	3.9	114	4	117	116	117
NL-55-3-69-2021-K	NL-55-2	1	119	39.8	118	3.6	112	3.9	114	4	117	114	117