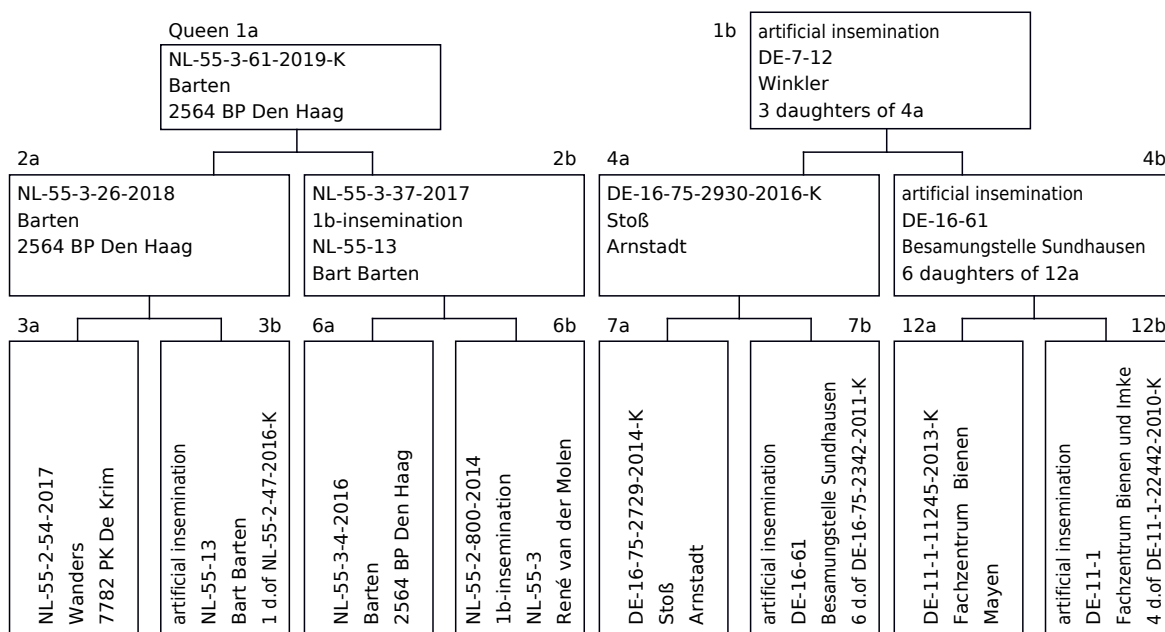


Breeding selection report

NL-55-3-61-2019-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-55-3-61-2019-K	
Race line: -70	Sign: green 61	Daughters of Queen: 0.7%
Generation: 1	Hatch date: 09.06.2019	Workers: 0.7%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 24			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	36	179.1	1	5	20.1	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	125				
Honey yield	-	109				0.41
Defensive behavior	3.80	118				0.53
Steadiness on comb	4	119				0.52
Swarming drive	4	132				0.42
Varroa	-	119				0.44
Performance index	-	123				0.41
Robustness in winter	3.50		70%	100%	170%	
Development in Spring	4					
Colony strength	3.90					

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 NL-55-3-61-2019-K

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Performance of the sisters

Amount of checked sisters: 2

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
NL-55-3-61-2019-K	NL-55-2	1	125	36	109	3.8	118	4	119	4	132	119	123
NL-55-3-60-2019	NL-55-3	1	126		109		121		inspection 121		130	121	123