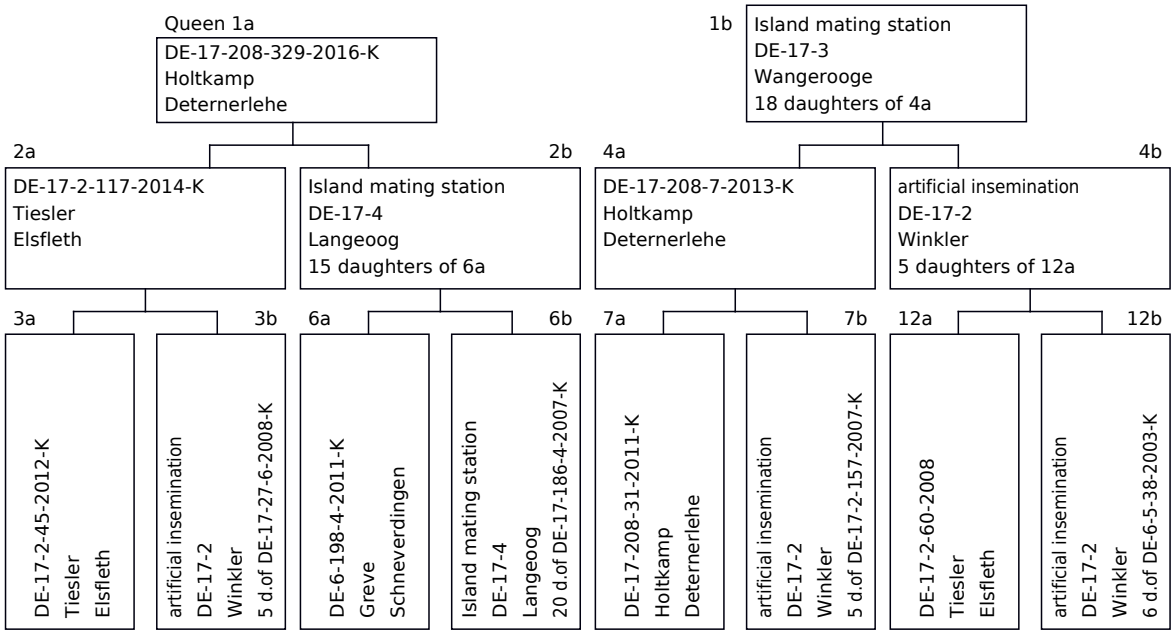
Breeding selection report
DE-17-208-329-2016-K

Tester of the queen:	Holtkamp, Helmut, 26847 Deternerlehe, DE-17-208, Apiary 1	
Breeder of the queen:	Holtkamp, Helmut, 26847 Deternerlehe, DE-17-208	
1a Studbook number:	**DE-17-208-329-2016-K**	
		Daughters of
Race line: -30	Sign: white 35	Queen: 5.6%
Generation: 0	Hatch date: 20.06.2016	Workers: 1.7%

A. Pedigree



B. Own performance

	No. of the colony 130			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	73.9	187.1	2	8	39.5

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	124	
Honey yield	-	120	0.41
Defensive behavior	4	123	0.61
Steadiness on comb	4	122	0.61
Swarming drive	4	111	0.38
Varroa	-	113	0.32
Performance index	-	0	
Robustness in winter	4		
Development in Spring	4		
Colony strength	4		

70% 100% 170%

[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 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.

28.05.2018

For the correctness DE-17

Breeding selection report DE-17-208-329-2016-K

Page 2

Performance of the sisters

Amount of checked sisters: 19

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 during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-17-2-144-2016	DE-17-2	1	111		113		111		109		106	104	
DE-17-2-141-2016	DE-17-2	2	116		107		110		108		107	118	
DE-17-2-142-2016	DE-17-2	5	110		103		106		103		103	114	
DE-17-2-143-2016	DE-17-2	7	113		106		112		110		108	111	
DE-17-208-329-2016-K	DE-17-208	1	124	73.9	120	4	123	4	122	4	111	113	
DE-17-208-328-2016	DE-17-208	2	109	36.8	109	4	107	4	105	4	105	106	
DE-17-208-337-2016	DE-17-208	4	105	41.4	98	4	112	3.5	110	4	106	97	
DE-17-208-319-2016	DE-17-208	6	109	105.1	124	4	111	4	110	4	109	93	
DE-17-208-330-2016	DE-17-208	6	109	91.8	117	4	112	4	111	4	109	95	
DE-17-208-331-2016	DE-17-208	6	109	94.7	119	4	112	4	110	4	109	95	
DE-17-208-334-2016	DE-17-208	6	114	99.9	121	4	111	4	110	4	109	104	
DE-17-208-320-2016	DE-17-208	9	101	9.4	105	2	96	2	94	4	109	99	
DE-17-208-321-2016	DE-17-208	9	99	5	103	2	97	2	95	4	109	95	
DE-17-208-326-2016	DE-17-208	9	105	7.9	105	2	96	2	94	3	96	115	
DE-17-208-327-2016	DE-17-208	9	103	5	105	2	96	2	94	2	83	116	
DE-17-208-332-2016	DE-17-208	9	100	11.5	106	2	96	2	94	4	109	97	
DE-17-208-333-2016	DE-17-208	9	118	17.7	108	2.5	128	4	134	4	115	96	
DE-17-208-335-2016	DE-17-208	9	101	8.6	105	2	96	2	95	4	109	99	
DE-17-208-336-2016	DE-17-208	9	101	12.9	107	2	96	2	94	3	96	104	