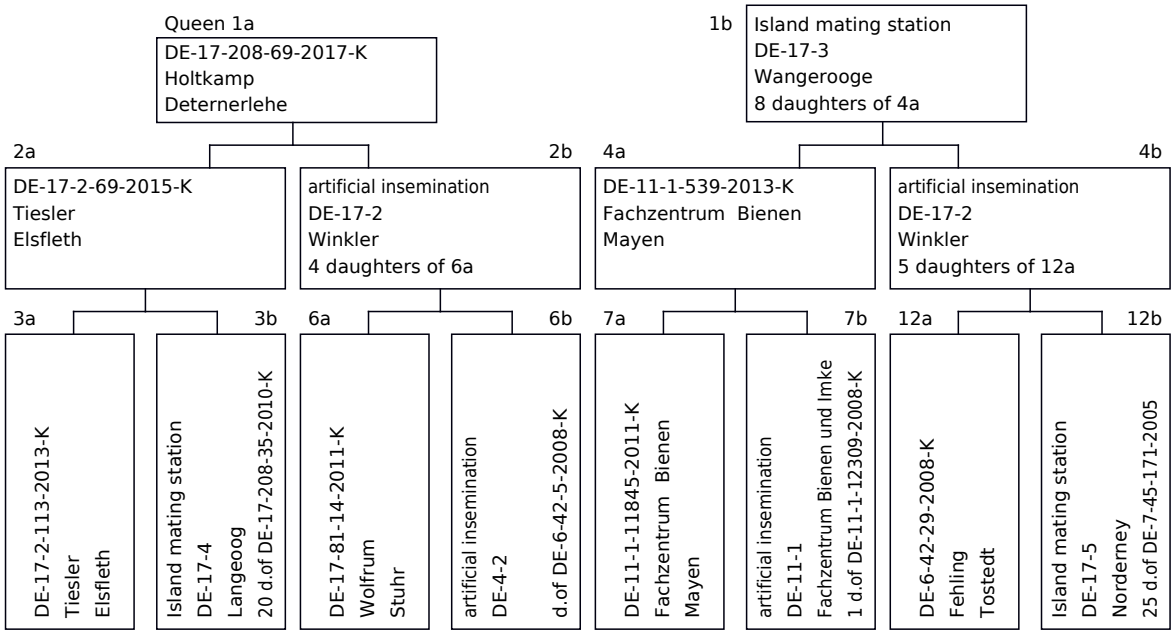
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-17-208-69-2017-K

LANDESVERBAND DER IMKER WESER-EMS e.V.

Tester of the queen:	Holtkamp, Helmut, 26847 Deternerlehe, DE-17-208, Apiary 13	
Breeder of the queen:	Holtkamp, Helmut, 26847 Deternerlehe, DE-17-208	
1a Studbook number:	**DE-17-208-69-2017-K**	
		Daughters of
Race line: -25	Sign: yellow 82	Queen: 2.5%
Generation: 0	Hatch date: 25.5.2017	Workers: 0.4%

A. Pedigree



B. Own performance

	No. of the colony 382			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	45.1	115	5	12	39.2

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	104	
Honey yield	-	107	0.4
Defensive behavior	2.50	95	0.53
Steadiness on comb	2.50	95	0.53
Swarming drive	3	102	0.4
Varroa	-	107	0.27
Performance index	-	99	0.47
Robustness in winter	2		
Development in Spring	3		
Colony strength	2		

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.

15.05.2020

For the correctness DE-17

Breeding selection report DE-17-208-69-2017-K

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Performance of the sisters

Amount of checked sisters: 16

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-17-2-1002-2017	DE-6-42	2	95		101		94		91		103	94	96
DE-17-2-1005-2017	DE-6-42	3	96		100		92		93		101	96	96
DE-17-2-134-2017	DE-17-2	1	96		98		95		97		98	94	96
DE-17-2-136-2017	DE-17-2	2	96		97		94		96		97	96	95
DE-17-2-141-2017-K	DE-17-2	2	110		108		106		106		105	107	106
DE-17-2-140-2017	DE-17-2	4	96		96		99		101		98	92	98
DE-17-208-68-2017	DE-17-208	1	109	7	111	2	104	2	104	3	105	106	106
DE-17-208-70-2017	DE-17-208	5	114	62.4	110	4	113	4	112	4	109	108	112
DE-17-208-71-2017	DE-17-208	7	107	38	107	3	102	3	102	2	97	109	102
DE-17-208-72-2017	DE-17-208	7	101	11.6	100	2.5	93	2	91	2	96	107	93
DE-17-208-73-2017	DE-17-208	7	107	4	102	3	102	3	102	2	97	109	100
DE-17-208-74-2017	DE-17-208	7	109	31.5	106	3	102	3	102	4	107	108	105
DE-17-208-63-2017	DE-17-208	9	105	13	103	3	100	3	100	4	103	105	101
DE-17-208-66-2017	DE-17-208	13	116	78.7	116	4	116	4	115	4	108	108	115
DE-17-208-67-2017	DE-17-208	13	108	46.6	108	3	102	3	102	4	107	106	105
DE-17-208-69-2017-K	DE-17-208	13	104	45.1	107	2.5	95	2.5	95	3	102	107	99