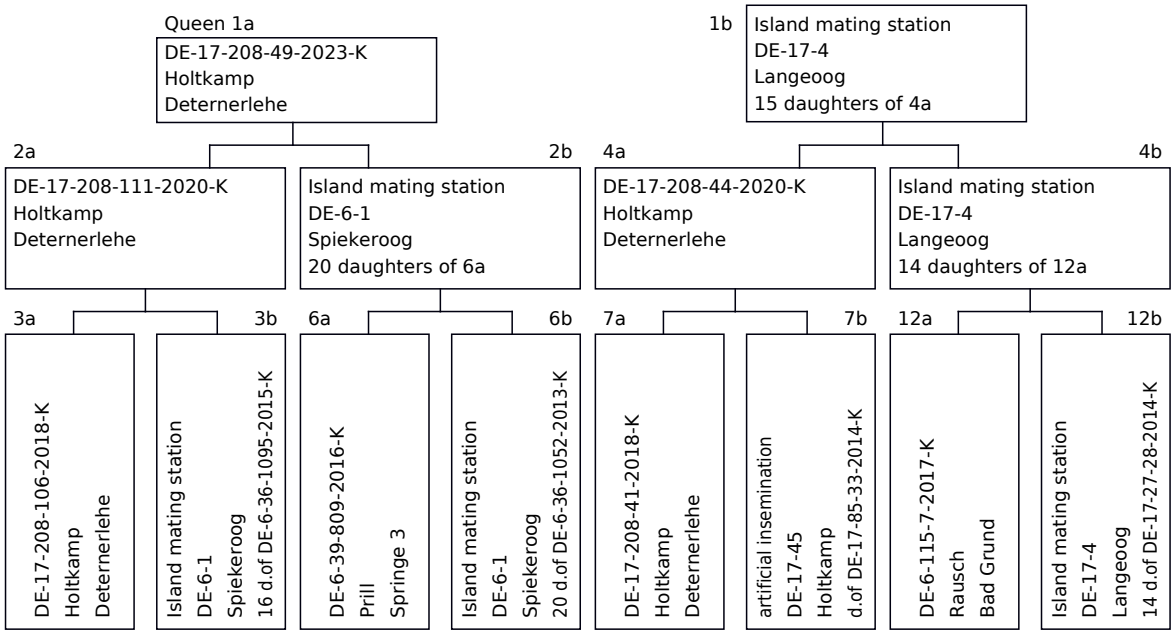
Breeding selection report
DE-17-208-49-2023-K

Tester of the queen:	Holtkamp, Helmut, 26847 Deternerlehe, DE-17-208, Apiary 3	
Breeder of the queen:	Holtkamp, Helmut, 26847 Deternerlehe, DE-17-208	
1a Studbook number:	**DE-17-208-49-2023-K**	
		Daughters of
Race line: -40	Sign: red 43	Queen: 6.4%
Generation: 5	Hatch date:	Workers: 2.1%

A. Pedigree



B. Own performance

	No. of the colony Volk 42			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	26	133.7	4	9	19.4

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	129	
Honey yield	-	106	0.46
Defensive behavior	4	144	0.55
Steadiness on comb	4	143	0.54
Swarming drive	4	115	0.49
Varroa	-	115	0.51
Performance index	-	132	0.46
Robustness in winter	3		
Development in Spring	2		
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.

09.05.2025

For the correctness DE-17

Breeding selection report DE-17-208-49-2023-K

Page 2

Performance of the sisters

Amount of checked sisters: 22

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-17-208-205-2023	DE-4-1	1	117		103		127		126		107	109	119
DE-17-208-206-2023	DE-4-1	2	120		106		126		125		112	111	121
DE-17-208-41-2023	DE-17-208	1	128	33	106	4	142	4	141	4	115	115	131
DE-17-208-50-2023-K	DE-17-208	1	128	30	105	4	142	4	141	4	115	116	130
DE-17-208-45-2023-K	DE-17-208	2	127	24	106	4	140	3	135	4	114	116	128
DE-17-208-49-2023-K	DE-17-208	3	129	26	106	4	144	4	143	4	115	115	132
DE-17-208-48-2023-K	DE-17-208	4	125	24	103	4	140	4	137	4	113	113	127
DE-17-208-56-2023	DE-17-208	4	126	60	106	4	139	4	137	4	114	114	128
DE-17-208-38-2023	DE-17-208	5	115	6	101	3	127	2	122	3	106	107	117
DE-17-208-53-2023	DE-17-208	5	111	4	100	2	119	2	118	3	106	105	113
DE-17-208-40-2023	DE-17-208	6	126	30	105	4	138	4	139	4	114	114	128
DE-17-208-47-2023	DE-17-208	6	126	26	104	4	139	4	139	4	114	115	128
DE-17-208-54-2023	DE-17-208	6	111	8	100	2	114	2	114	4	111	106	111
DE-17-208-42-2023	DE-17-208	7	122	45	107	4	140	3	136	4	114	107	128
DE-17-208-44-2023	DE-17-208	7	122	15	103	4	140	3	136	4	113	107	127
DE-17-208-51-2023	DE-17-208	7	116	6	101	2	124	3	128	4	112	105	119
DE-17-208-55-2023	DE-17-208	8	114	8	100	2	119	2	118	3	108	110	113
DE-17-208-39-2023	DE-17-208	9	124	13	101	3	137	4	139	3	109	115	125
DE-17-208-52-2023	DE-17-208	9	111	7	99	2	120	2	118	3	106	104	113
DE-17-208-43-2023	DE-17-208	10	118	14	102	3	129	3	129	4	113	106	122
DE-17-208-46-2023-K	DE-17-208	10	129	32	105	4	141	4	141	4	115	117	130
DE-17-208-57-2023	DE-17-208	10	122	46	105	4	137	3	132	3	109	110	125