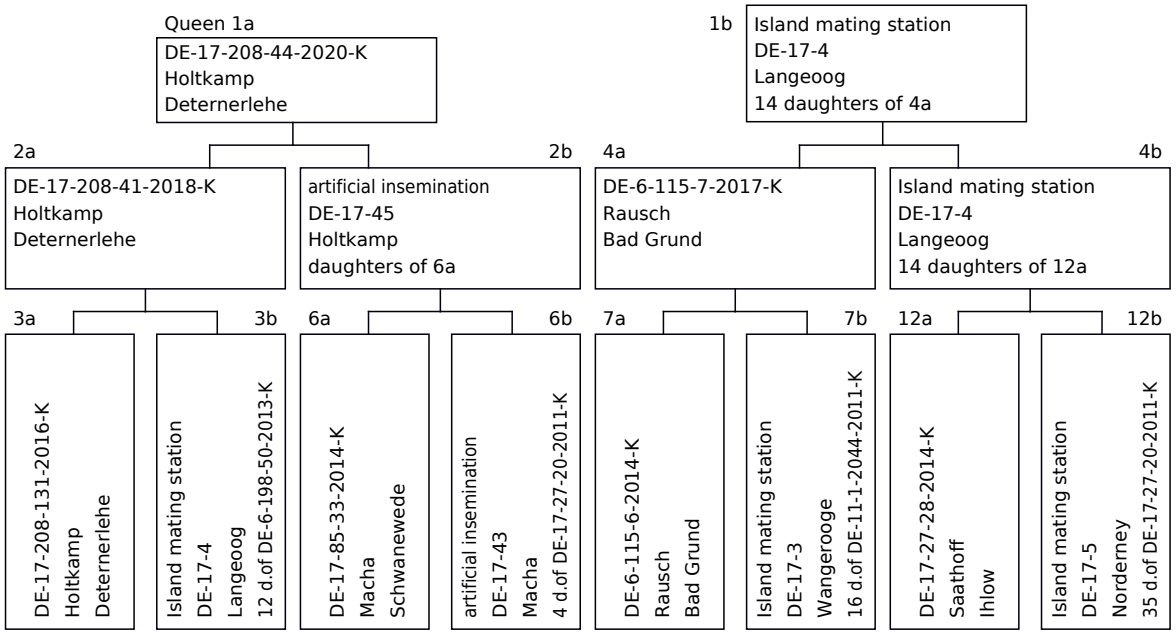
Breeding selection report
DE-17-208-44-2020-K

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-17-208-44-2020-K**	
		Daughters of
Race line: -30	Sign: blue 88	Queen: 4.5%
Generation: 2	Hatch date: 1.06.2020	Workers: 5.4%

A. Pedigree



B. Own performance

	No. of the colony V 121			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	40.4	213.8	2	14	18.9

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	122	
Honey yield	-	118	0.48
Defensive behavior	4	127	0.57
Steadiness on comb	4	123	0.58
Swarming drive	4	119	0.54
Varroa	-	110	0.56
Performance index	-	125	0.48
Robustness in winter	2		
Development in Spring	1		
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.

12.05.2022

For the correctness DE-17

Breeding selection report DE-17-208-44-2020-K

Page 2

Performance of the sisters

Amount of checked sisters: 14

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-17-208-42-2020	DE-17-208	1	119	23	114	3	119	4	120	4	116	110	120
DE-17-208-43-2020	DE-17-208	1	119	28.9	113	4	122	3	114	4	117	111	119
DE-17-208-44-2020-K	DE-17-208	1	122	40.4	118	4	127	4	123	4	119	110	125
DE-17-208-66-2020	DE-17-208	1	116	28.5	114	3	114	3	110	4	116	110	115
DE-17-208-39-2020	DE-17-208	2	124	67.4	120	4	126	4	124	4	120	113	126
DE-17-208-40-2020	DE-17-208	2	121	57.6	117	4	121	3	115	4	118	114	120
DE-17-208-41-2020	DE-17-208	2	113	4	108	4	117	2	106	4	116	106	114
DE-17-208-45-2020	DE-17-208	2	113	5	108	4	117	2	106	4	116	106	114
DE-17-208-67-2020	DE-17-208	5	115	4	111	3	116	3	113	4	115	108	116
DE-17-208-68-2020	DE-17-208	5	117	16.9	113	3	116	3	113	4	115	111	116
DE-17-208-69-2020	DE-17-208	5	117	3	111	4	124	3	117	4	117	107	120
DE-17-208-70-2020	DE-17-208	5	114	6	111	3	116	3	113	4	115	106	116
DE-17-208-71-2020	DE-17-208	5	114	5	111	3	116	3	113	4	115	107	116
DE-17-208-72-2020	DE-17-208	5	127	75.9	122	4	128	4	125	4	122	117	128