

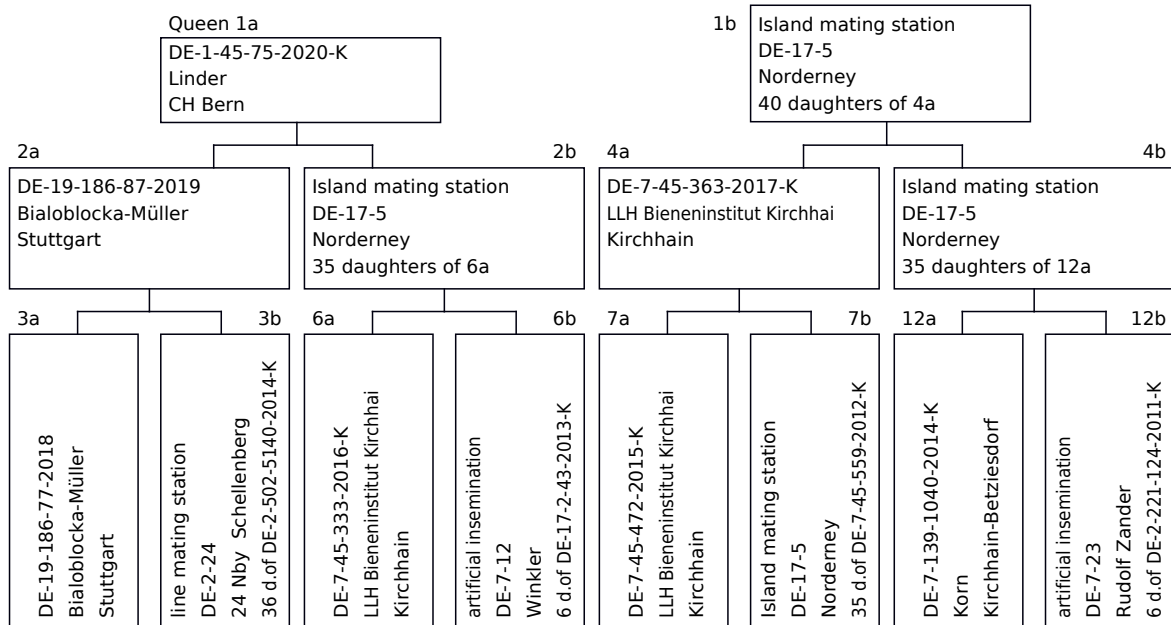


Tester of the queen: Linder, Peter, 3013 CH Bern, DE-1-45, Apiary 1
 Breeder of the queen: Linder, Peter, 3013 CH Bern, DE-1-45
1a Studbook number: **DE-1-45-75-2020-K**

Race line: Sign: blue 75
 Generation: 1 Hatch date: 13.06.2020

Daughters of Queen: 0.0%
 Workers: 3.5%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 75			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	11	131	1	5	8.4
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	112			
Honey yield	-	106			0.48
Defensive behavior	4	111			0.48
Steadiness on comb	4	107			0.48
Swarming drive	4	108			0.44
Varroa	-	110			0.52
Performance index	-	109			0.48
Robustness in winter	4		70%	100%	170%
Development in Spring	4				
Colony strength	3				

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 DE-1-45-75-2020-K

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Performance of the sisters

Amount of checked sisters: 13

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	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-1-45-60-2020	DE-1-7	1	109		101		109		105		108	108	106
DE-1-45-69-2020	DE-1-7	1	110		106		109		105		108	108	108
DE-1-45-71-2020	DE-1-45	1	111	9	104	4	110	4	106	4	108	110	108
DE-1-45-75-2020-K	DE-1-45	1	112	11	106	4	111	4	107	4	108	110	109
DE-1-45-57-2020	DE-1-143	1	112		101		110		106		110	112	108
DE-19-186-24-2020	DE-19-186	6	113		106		111		108		109	112	110
DE-19-186-26-2020	DE-19-186	6	110		103		112		108		108	106	109
DE-19-186-27-2020	DE-19-186	6	111		106		109		104		107	111	107
DE-19-186-30-2020	DE-19-186	6	109		106		109		104		107	106	107
DE-19-186-31-2020	DE-19-186	6	108		99		109		107		107	106	106
DE-19-186-32-2020	DE-19-186	6	112		102		110		104		107	113	106
DE-19-186-33-2020	DE-19-186	6	113		106		111		108		109	112	110
DE-19-186-37-2020	DE-19-186	6	110		103		112		108		108	108	109