

Breeding selection report

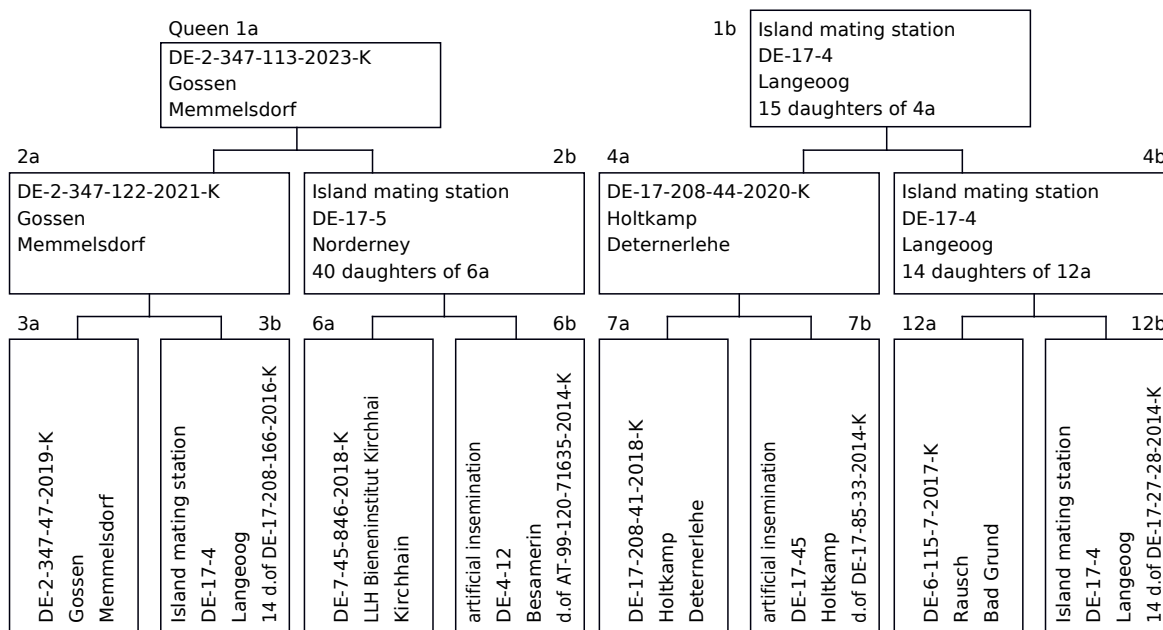
DE-2-347-113-2023-K

Tester of the queen: Gossen, Vladimir, 96117 Memmelsdorf, DE-2-347, Apiary 1
 Breeder of the queen: Gossen, Vladimir, 96117 Memmelsdorf, DE-2-347
1a Studbook number: **DE-2-347-113-2023-K**

Race line: Sign: red
 Generation: Hatch date: 11.06.2023

Daughters of Queen: 4.2%
 Workers: 1.8%

A. Pedigree



B. Own performance

3. Own performance	No. of the colony			comparable colonies at the apiary						
	kg	%	Ranking	number	Yield average kg					
Performance test year	102	137.5	1	12	74.2					
	Assessment*	Breeding values								Reliability
Total breeding value ¹	-	125								
Honey yield	-	121							0.42	
Defensive behavior	4	131							0.5	
Steadiness on comb	4	128							0.5	
Swarming drive	4	114							0.38	
Varroa	-	112							0.45	
Performance index	-	128							0.42	
Robustness in winter	3.80	70%100%170%								
Development in Spring	4	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								
Colony strength	3.50									

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.

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Performance of the sisters

Amount of checked sisters: 4

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-2-347-112-2023	DE-2-347	1	118	74	112	3.2	129	3.5	129	4	119	109	119
DE-2-347-113-2023-K	DE-2-347	1	125	102	121	4	131	4	128	4	114	112	128
DE-2-347-114-2023-K	DE-2-347	1	119	80	114	3.5	126	3.5	122	4	110	109	121
DE-2-347-117-2023	DE-2-347	1	116	69	111	3.2	122	3.2	119	4	108	108	118