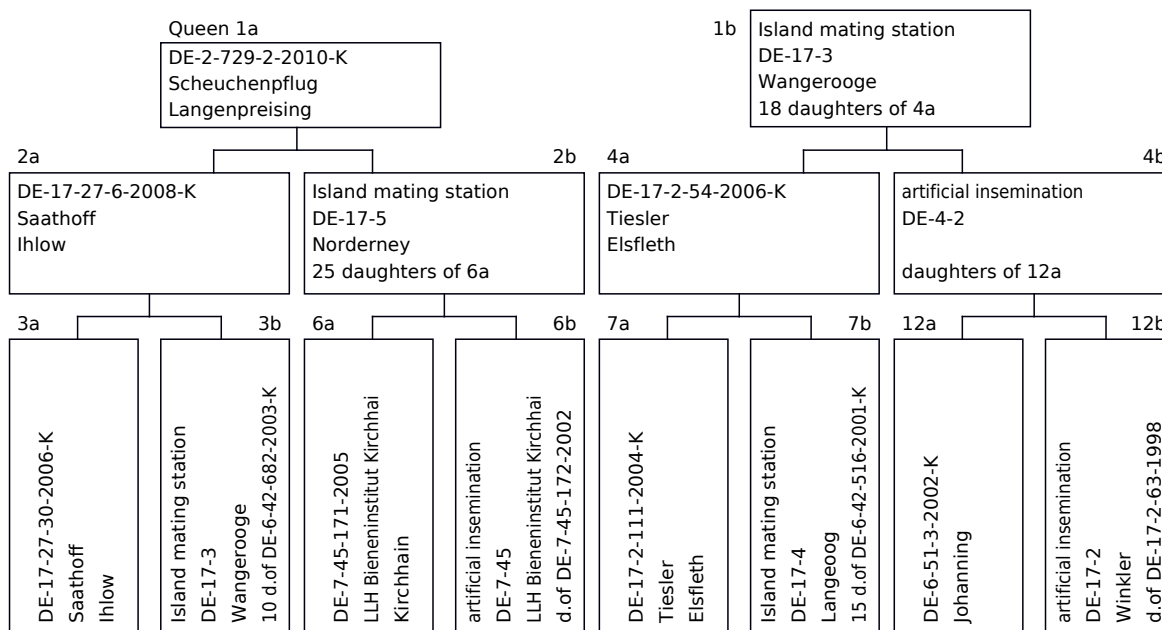


Tester of the queen: Scheuchenpflug, Franz, 85465 Langenpreising, DE-2-729, Apiary 1
 Breeder of the queen: Scheuchenpflug, Franz, 85465 Langenpreising, DE-2-729
1a Studbook number: **DE-2-729-2-2010-K**

Race line: Sign: blue Daughters of Queen: 0.3%
 Generation: Hatch date: Workers: 0.7%

A. Pedigree



B. Own performance

Performance test year	No. of the colony ZV			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	39	84.4	9	10	46.2
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	116			
Honey yield	-	105			0.45
Defensive behavior	3.50	117			0.63
Steadiness on comb	4	117			0.65
Swarming drive	4	110			0.43
Varroa	-	(112)			0.31
Performance index	-	0			
Robustness in winter			70%	100%	170%
Development in Spring					
Colony strength					

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

none Analysis of race characteristics

E. Results

Class A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

Breeding selection report DE-2-729-2-2010-K

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Performance of the sisters

Amount of checked sisters: 17

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-2-729-2-2010-K	DE-2-729	1	116	39	105	3.5	117	4	117	4	110	(112)	
DE-17-27-15-2010	DE-17-27	1	105		109		98		99		109	105	
DE-17-27-16-2010	DE-17-27	1	105		103		98		98		105	108	
DE-17-27-17-2010	DE-17-27	1	106		106		95		95		106	111	
DE-17-27-18-2010-K	DE-17-27	1	139		129		127		126		119	138	
DE-17-27-19-2010	DE-17-27	1	105		114		99		100		111	100	
DE-17-27-20-2010-K	DE-17-27	1	138		132		128		127		125	132	
DE-17-27-21-2010	DE-17-27	1	101		107		92		93		106	101	
DE-17-27-22-2010	DE-17-27	1	107		99		95		93		102	117	
DE-17-27-23-2010	DE-17-27	1	91		94		88		89		87	98	
DE-17-27-24-2010	DE-17-27	1	117		116		111		111		116	112	
DE-17-27-25-2010	DE-17-27	1	107		104		102		101		109	108	
DE-17-27-26-2010	DE-17-27	1	98		103		95		95		107	97	
DE-17-27-27-2010	DE-17-27	1	117		108		111		109		112	117	
DE-17-27-28-2010	DE-17-27	1	107		100		98		96		103	114	
DE-17-27-29-2010	DE-17-27	1	105		103		101		101		108	105	
DE-17-27-30-2010	DE-17-27	1	123		114		115		114		114	124	