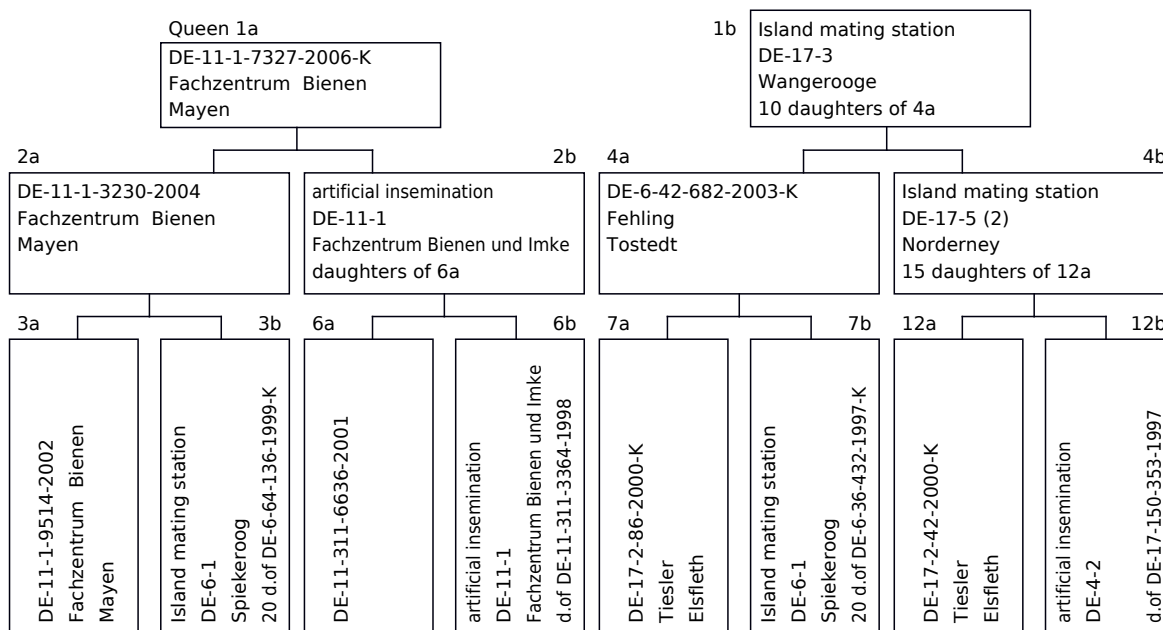


Tester of the queen: Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1, Apiary 10
 Breeder of the queen: Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1
1a Studbook number: **DE-11-1-7327-2006-K**
 Race line: -8 Sign: white 57 Daughters of Queen: 3.5%
 Generation: Hatch date: 20.06.2006 Workers: 0.5%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	23.6	77.6	12	19	30.4	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	98				
Honey yield	-	97				0.49
Defensive behavior	3.30	84				0.67
Steadiness on comb	3	82				0.69
Swarming drive	4	102				0.49
Varroa	-	110				0.57
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 B
Suitable for breeding.

Breeding selection report DE-11-1-7327-2006-K

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Performance of the sisters

Amount of checked sisters: 15

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 index
DE-11-1-7315-2006-K	DE-9-2	1	121		113		Behavior		109		drive	122	
DE-11-1-7328-2006	DE-9-3	1	95		101				inspection		117	83	
DE-11-1-7313-2006	DE-9-6	1	125		124				124		125	111	
DE-11-1-7318-2006	DE-10-30	1	114		110				123		117	99	
DE-11-1-7309-2006	DE-11-1	3	102	39.2	116	4	105	3.2	107	4	122	86	
DE-11-1-7310-2006	DE-11-1	3	100	12.9	100	3.8	99	3.4	99	4	110	97	
DE-11-1-7323-2006	DE-11-1	10	105	39.9	111	3.8	107	3.6	108	4	116	94	
DE-11-1-7325-2006	DE-11-1	10	101	38.6	112	3.7	110	3.9	112	4	119	82	
DE-11-1-7327-2006-K	DE-11-1	10	98	23.6	97	3.3	84	3	82	4	102	110	
DE-11-1-7306-2006	DE-11-1	12	98	25.9	104	2.9	84	2.8	83	4	103	106	
DE-11-1-7307-2006	DE-11-1	12	86	22	100	2.7	80	2.4	80	2.5	89	93	
DE-11-1-7301-2006	DE-11-19	1	100		111		106		107		111	87	
DE-11-1-7302-2006	DE-11-19	1	105		111		100		101		125	95	
DE-11-1-7317-2006	DE-11-76	2	118		122		118		119		130	101	
DE-11-1-7314-2006-K	DE-12-3	1	119		104		117		115		112	118	