

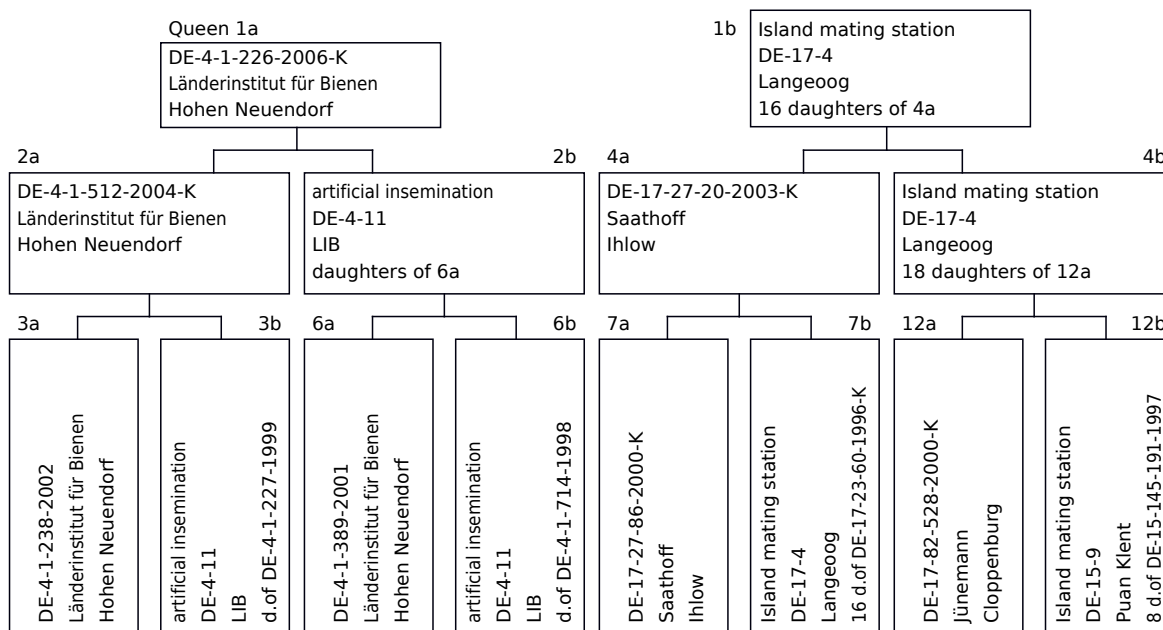
Breeding selection report

DE-4-1-226-2006-K

Tester of the queen: Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1, Apiary 2
Breeder of the queen: Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1
1a Studbook number: **DE-4-1-226-2006-K**

Race line: -33 Sign: white 26 Daughters of Queen: 6.4%
Generation: Hatch date: 24.6.2006 Workers: 0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 49			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	61	138.9	4	22	43.9

	Assessment*	Breeding values										Reliability
Total breeding value¹	-	113										
Honey yield	-	113										0.49
Defensive behavior	3.50	111										0.66
Steadiness on comb	3	111										0.69
Swarming drive	4	111										0.49
Varroa	-	108										0.57
Performance index	-	0										
Robustness in winter	3											
Development in Spring	3.50											
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

none Analysis of race characteristics

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: 3

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-4-1-207-2006-K	DE-4-1	2	114	47.7	102	3.6	110	3.2	110	3.9	110	110	
DE-4-1-226-2006-K	DE-4-1	2	113	61	113	3.5	111	3	111	4	111	108	
DE-4-1-245-2006-K	DE-4-1	2	108	47	100	3.3	109	3.2	108	3.9	108	106	