

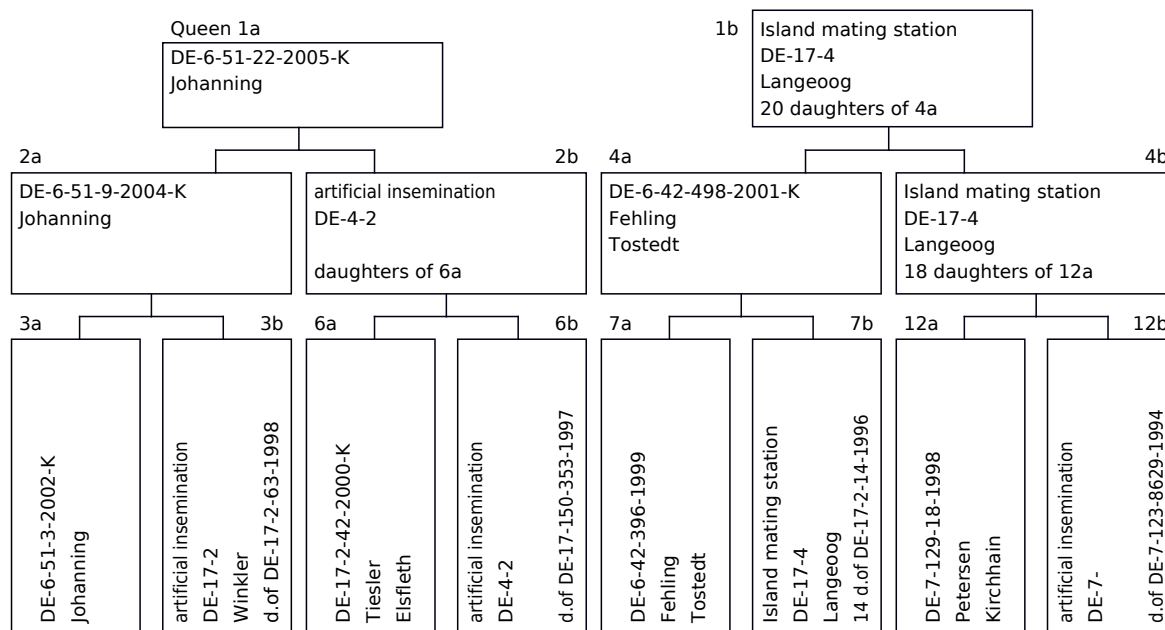
Breeding selection report

DE-6-51-22-2005-K

Tester of the queen: Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1, Apiary 3
Breeder of the queen: Johanning, Helmut, DE-6-51
1a Studbook number: **DE-6-51-22-2005-K**

Race line: -1 Sign: blue Daughters of Queen: 5.9%
Generation: Hatch date: Workers: 0.0%

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	78.1	143.5	1	7	54.4					
	Assessment*	Breeding values							Reliability	
Total breeding value ¹	-	84								
Honey yield	-	89							0.61	
Defensive behavior	4	91							0.7	
Steadiness on comb	3.80	89							0.7	
Swarming drive	3.80	101							0.61	
Varroa	-	78							0.62	
Performance index	-	91							0.61	
Robustness in winter		70%100%170%								
Development in Spring		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										

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 J

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Performance of the sisters

Amount of checked sisters: 5

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-6-51-22-2005-K	DE-4-1	3	84	78.1	89	4	91	3.8	89	3.8	101	78	91
DE-6-51-23-2005	DE-4-1	3	79	57.1	87	4	88	3.9	84	3.8	97	74	87
DE-6-51-46-2005	DE-4-1	3	79	49.4	86	3.8	87	3.9	83	3.9	93	76	85
DE-6-51-48-2005	DE-4-1	3	79	60	87	4	86	3.8	80	3.6	96	76	85
DE-6-51-26-2005	DE-6-34	1	77		87		80		80		93	74*	82

Only one Varroa trait was recorded