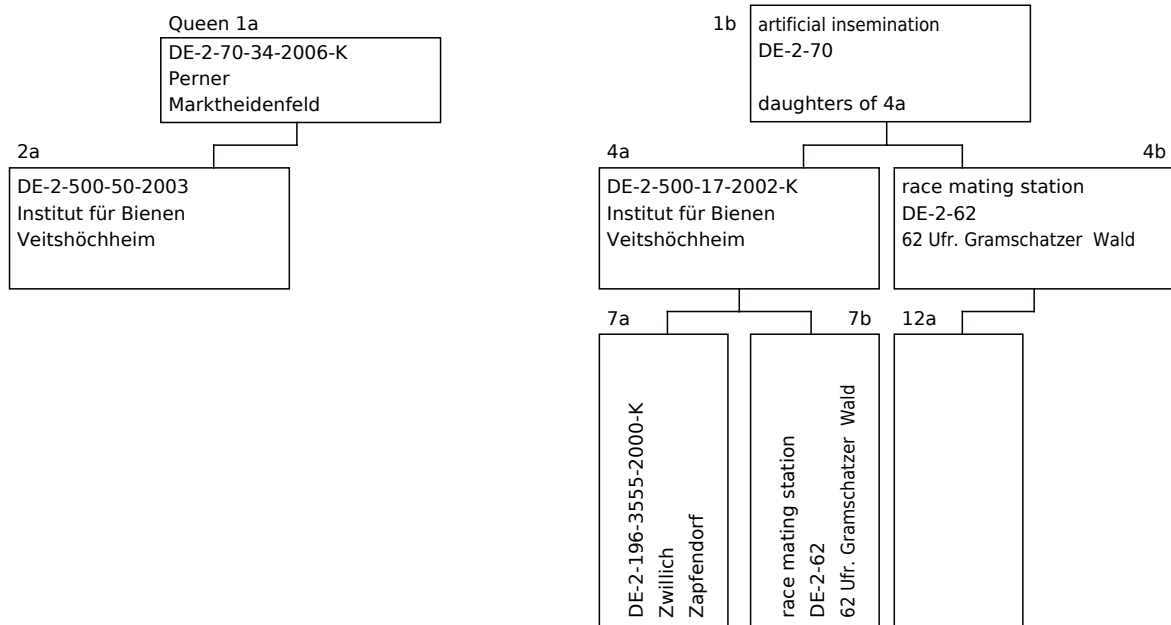


Tester of the queen: Perner, Martin, 97828 Marktheidenfeld, DE-2-70, Apiary 1
 Breeder of the queen: Perner, Martin, 97828 Marktheidenfeld, DE-2-70
1a Studbook number: **DE-2-70-34-2006-K**

Race line: -1 Sign: white Daughters of Queen: 0%
 Generation: Hatch date: Workers: 0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	48.3	188.6	1	21	25.6
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	119			
Honey yield	-	114			0.44
Defensive behavior	3.50	106			0.65
Steadiness on comb	3.50	104			0.67
Swarming drive	4	103			0.42
Varroa	-	126			0.51
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 J

Breeding selection report DE-2-70-34-2006-K

Page 2

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-2-70-27-2006	DE-2-70	1	111	17.5	99	4	Behavior	4	4	4	drive	102*	
DE-2-70-30-2006	DE-2-70	1	109	26.8	104	4	121	4	inspection 123	4	114	94	
DE-2-70-34-2006-K	DE-2-70	1	119	48.3	114	3.5	106	3.5	104	4	103	126	
DE-2-70-37-2006	DE-2-70	1	110	20.9	100	4	121	4	122	4	112	99	

Only one Varroa trait was recorded