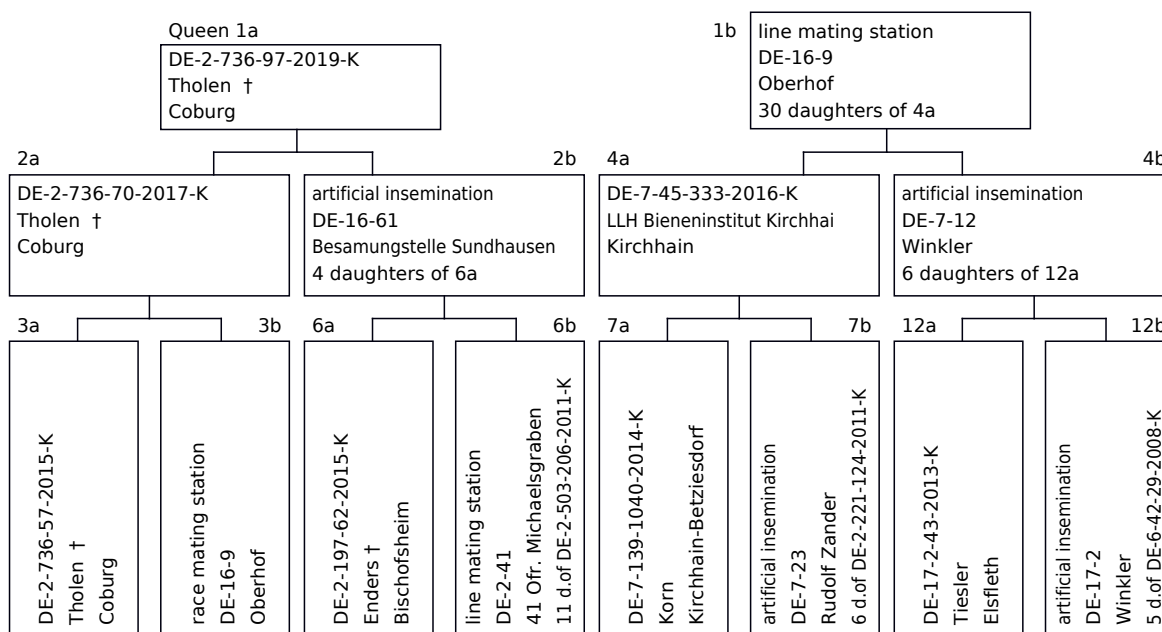


Tester of the queen: Tholen †, Angela, 96450 Coburg, DE-2-736, Apiary 1  
 Breeder of the queen: Tholen †, Angela, 96450 Coburg, DE-2-736  
**1a** Studbook number: **DE-2-736-97-2019-K**

Race line: -CA Sign: green 97 Daughters of Queen: 4.1%  
 Generation: 4 Hatch date: 25.06.2019 Workers: 1.3%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	19.5	125.6	2	8	15.5
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	114			
Honey yield	-	114			0.43
Defensive behavior	4	118			0.51
Steadiness on comb	3.50	117			0.51
Swarming drive	4	117			0.39
Varroa	-	102			0.44
Performance index	-	119			0.43
Robustness in winter	4		70%	100%	170%
Development in Spring	4				
Colony strength					

<sup>1</sup>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 by 15%.

### C. Performance of the sisters

See page 2

### D. Body features, see appendix

See attached characteristic documents:

### 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.

# Breeding selection report DE-2-736-97-2019-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-2-736-95-2019	DE-2-736	1	110	17.5	110	3.5	110	2.5	110	4	110	104	112
DE-2-736-97-2019-K	DE-2-736	1	114	19.5	114	4	118	3.5	117	4	117	102	119
DE-2-736-91-2019	DE-2-736	2	114	26	114	3.5	114	4	117	4	119	103	119
DE-2-736-94-2019	DE-2-736	2	114	33	116	3.5	112	3.5	112	4	118	105	117