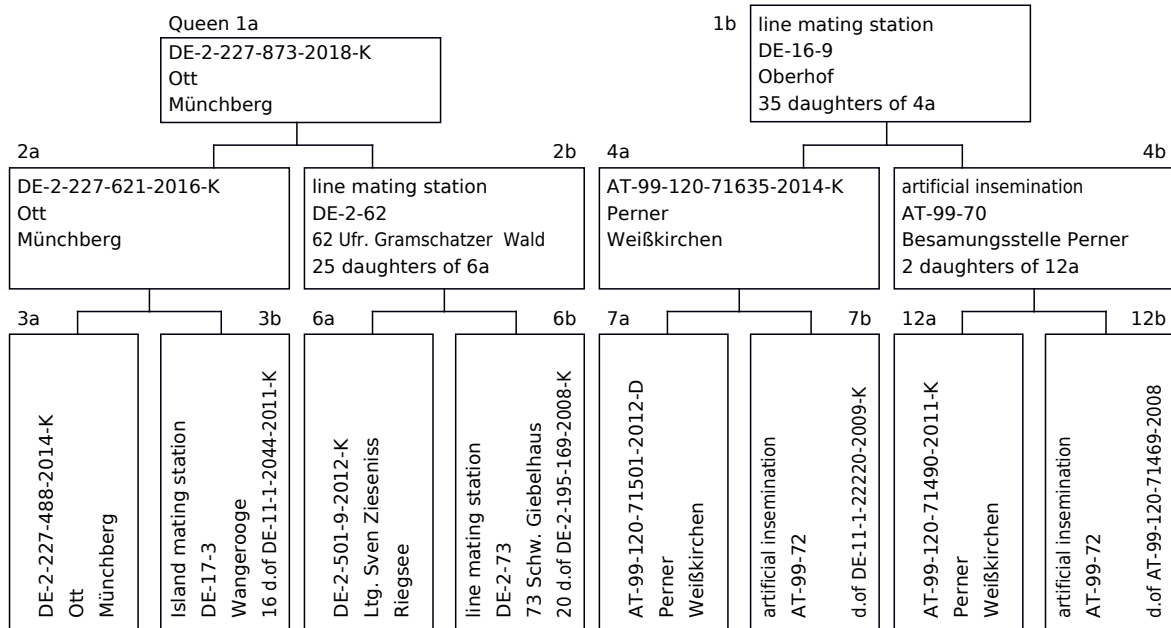


Tester of the queen: Ltg. Alexander Trian, Prüfhof Thüngersheim, 97209 Veitshöchheim, DE-2-503, Apiary 3  
 Breeder of the queen: Ott, Alfred, 95213 Münchberg, DE-2-227  
**1a** Studbook number: **DE-2-227-873-2018-K**

Race line: -C Sign: red 73 Daughters of Queen: 0.6%  
 Generation: 6 Hatch date: 27.05.2018 Workers: 0.9%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 3301			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	17.3	107.2	22	48	16.1
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	116	■		
Honey yield	-	106	■		
Defensive behavior	3.50	110	■		
Steadiness on comb	3.10	109	■		
Swarming drive	4	117	■		
Varroa	-	114	■		
Performance index	-	112	■		
Robustness in winter	3	70% 100% 170%			
Development in Spring	3				
Colony strength	2				

<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-2-227-873-2018-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 13

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 ndex
DE-2-227-864-2018	DE-2-227	1	115		103		Behavior		109		drive	114	111
DE-2-227-871-2018	DE-2-227	1	115		108			inspection	109		115	113	112
DE-2-227-897-2018	DE-2-227	1	114		104				108		115	(114)	110
DE-2-227-881-2018-K	DE-2-502	2	112		100				104		113	114	106
DE-2-227-882-2018-K	DE-2-502	2	117		109				111		114	116	113
DE-2-227-887-2018-K	DE-2-502	2	115		102				111		114	114	111
DE-2-227-888-2018	DE-2-502	2	112		102				105		114	114	107
DE-2-227-895-2018**	DE-2-502	2	115		(105)		(110)		(109)		(114)	(114)	111
DE-2-227-857-2018-K	DE-2-503	3	116	16.6	106	3.4	111	3.3	110	4	117	114	113
DE-2-227-860-2018-K	DE-2-503	3	116	13.2	103	3.1	107	3	106	4	117	118	110
DE-2-227-865-2018	DE-2-503	3	114	3.5	97	3.3	107	2.6	103	4	116	119	106
DE-2-227-872-2018-K	DE-2-503	3	119	11	104	3.6	114	3.6	114	4	117	117	114
DE-2-227-873-2018-K	DE-2-503	3	116	17.3	106	3.5	110	3.1	109	4	117	114	112

Colony without performance tests