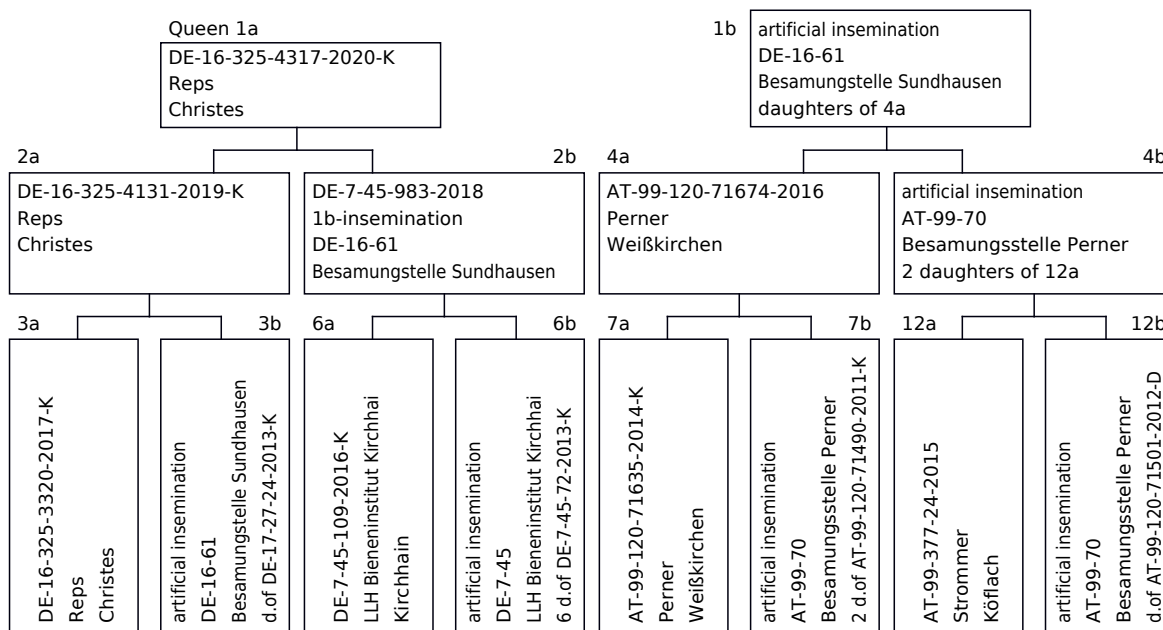


Tester of the queen: Bauersachs, Karl-Heinz, 96528 Seltendorf, DE-16-318, Apiary 2  
 Breeder of the queen: Reps, Thomas, 98547 Christes, DE-16-325  
**1a** Studbook number: **DE-16-325-4317-2020-K**

Race line: Sign: blue 54  
 Generation: Hatch date: Daughters of Queen: 1.3%  
 Workers: 5.5%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	52.2	181.8	1	10	28.7	
	Assessment*		Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	122				
Honey yield	-	120				0.56
Defensive behavior	3.70	110				0.66
Steadiness on comb	3.60	114				0.65
Swarming drive	4	122				0.57
Varroa	-	119				0.64
Performance index	-	119				0.56
Robustness in winter			70%	100%	170%	
Development in Spring						
Colony strength	3.80					

<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-16-325-4317-2020-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 7

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-16-325-4317-2020-K	DE-16-318	2	122	52.2	120	3.7	110	3.6	114	4	122	119	119
DE-16-325-4320-2020	DE-16-325	9	122		118		110		114		122	119	118
DE-16-325-4326-2020	DE-16-325	9	122		118		109		113		122	118	118
DE-16-325-4325-2020	DE-16-336	12	122		118		109		113		122	119	118
DE-16-325-4319-2020	DE-16-337	11	121		119		110		114		122	117	119
DE-16-325-4318-2020-K	DE-16-351	6	123		119		110		115		122	120	119
DE-16-325-4315-2020	DE-16-358	1	120		116		106		111		120	119	115