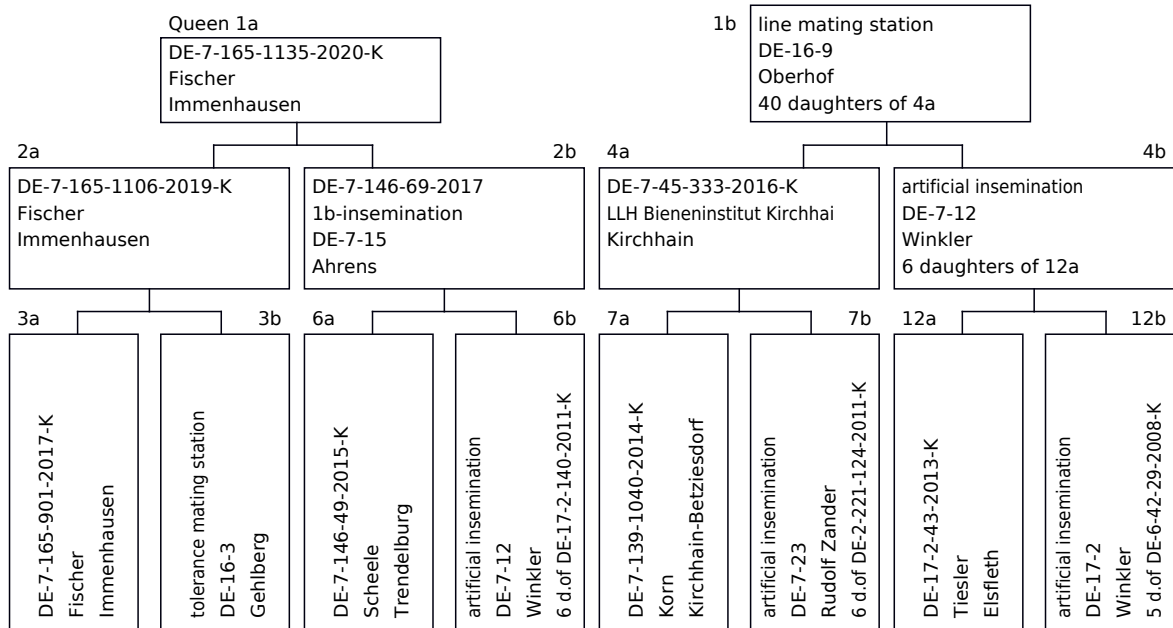


Tester of the queen: Fischer, Wolfgang, 34376 Immenhausen, DE-7-165, Apiary 1  
Breeder of the queen: Fischer, Wolfgang, 34376 Immenhausen, DE-7-165  
**1a** Studbook number: **DE-7-165-1135-2020-K**

Race line: -Carnica Sign: blue 33 Daughters of Queen: 1.4%  
Generation: 2 Hatch date: 03.06.2020 Workers: 2.9%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	68	110.3	6	13	61.7
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	121			
Honey yield	-	111			0.55
Defensive behavior	3.90	115			0.64
Steadiness on comb	3.90	113			0.64
Swarming drive	4	124			0.6
Varroa	-	116			0.61
Performance index	-	118			0.55
Robustness in winter	3.70		70%	100%	170%
Development in Spring	3.80				
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-7-165-1135-2020-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 14

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-7-165-1129-2020-K	DE-7-45	3	119		111							113	118
DE-7-165-1132-2020	DE-7-45	4	119		110		114					116	116
DE-7-165-1112-2020	DE-7-165	1	120	63	111	3.9	115	3.8	112	4	124	115	118
DE-7-165-1113-2020	DE-7-165	1	120	65.5	111	3.9	115	3.9	113	4	124	116	118
DE-7-165-1114-2020	DE-7-165	1	121	70.5	112	3.9	115	3.9	113	4	124	116	118
DE-7-165-1116-2020	DE-7-165	1	121	74	112	3.9	115	4	113	4	124	116	119
DE-7-165-1117-2020	DE-7-165	1	120	62	110	3.9	115	3.9	112	3	121	116	117
DE-7-165-1119-2020-K	DE-7-165	1	120	61	111	3.9	115	3.9	113	4	124	115	118
DE-7-165-1121-2020	DE-7-165	1	121	66.5	111	3.9	115	3.9	113	4	124	116	118
DE-7-165-1123-2020	DE-7-165	1	121	72.5	112	3.9	115	3.9	113	4	124	116	118
DE-7-165-1126-2020	DE-7-165	1	121	78	112	4	115	4	113	4	125	116	119
DE-7-165-1127-2020	DE-7-165	1	121	72.5	112	3.9	115	3.9	113	4	124	116	118
DE-7-165-1135-2020-K	DE-7-165	1	121	68	111	3.9	115	3.9	113	4	124	116	118
DE-7-165-1134-2020	DE-13-377	1	118		108		112		111		122	115	115