

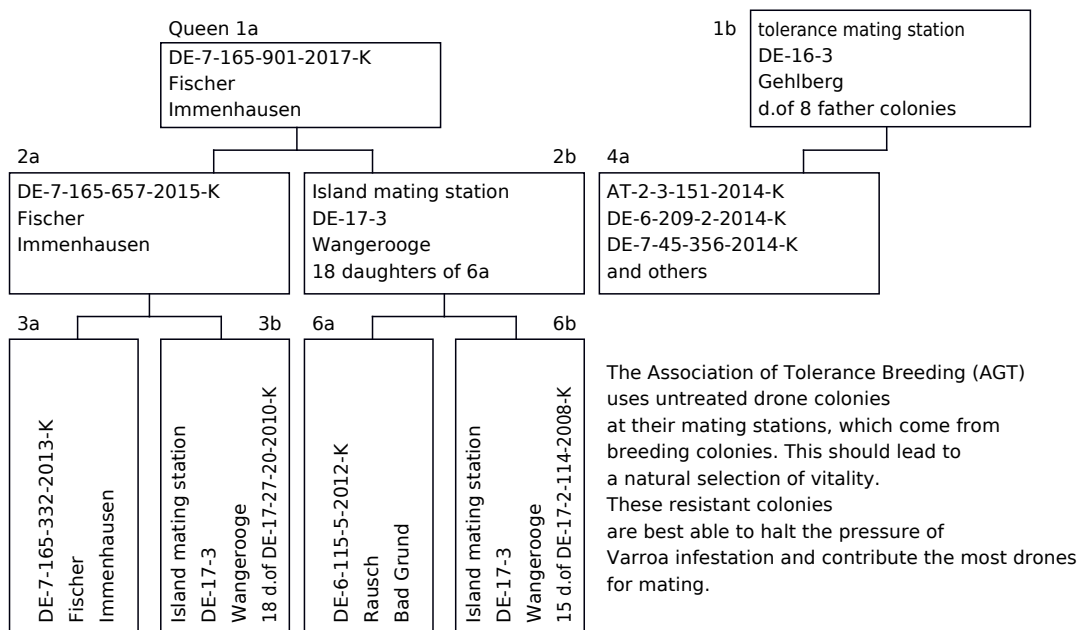
Breeding selection report

DE-7-165-901-2017-K

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-7-165-901-2017-K**

Race line: -CA Sign: yellow 94 Daughters of Queen: 5.1%
Generation: 6 Hatch date: 04.06.2017 Workers: 0.0%

A. Pedigree



B. Own performance

3. Own performance	No. of the colony 5					comparable colonies at the apiary				
	kg	%	Ranking		number	Yield average kg				
Performance test year	58	110.5	2		10	52.5				
	Assessment*	Breeding values								Reliability
Total breeding value¹	-	110								
Honey yield	-	111								0.33
Defensive behavior	3.60	111								0.55
Steadiness on comb	3.50	111								0.55
Swarming drive	3.00	102								0.3
Varroa	-	103								0.28
Performance index	-	0								
Robustness in winter	3.00	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	70%		100%		170%			
Development in Spring	3.00									
Colony strength	3.00									

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

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.

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Performance of the sisters

Amount of checked sisters: 15

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-7-165-910-2017	DE-7-45	4	99		114		107		103		102	85	
DE-7-165-891-2017	DE-7-165	1	105	60	108	3.6	107	3.5	103	3.0	102	101	106
DE-7-165-892-2017	DE-7-165	1	99	46	99	3.3	97	3.2	94	3.0	96	102	96
DE-7-165-893-2017	DE-7-165	1	104	53	104	3.6	107	3.4	102	3.0	99	103	104
DE-7-165-894-2017	DE-7-165	1	101	52	103	3.4	102	3.4	99	3.0	99	100	101
DE-7-165-896-2017	DE-7-165	1	102	56	106	3.5	102	3.3	97	3.0	100	100	101
DE-7-165-897-2017	DE-7-165	1	99	48	100	3.4	101	3.3	97	3.0	97	99	99
DE-7-165-899-2017	DE-7-165	1	100	55	105	3.3	96	3.3	94	3.0	100	101	98
DE-7-165-900-2017	DE-7-165	1	101	48	101	3.4	101	3.3	97	3.5	106	99	101
DE-7-165-901-2017-K	DE-7-165	1	110	58	111	3.6	111	3.5	111	3.0	102	103	
DE-7-165-902-2017	DE-7-165	1	100	49	101	3.5	104	3.3	99	3.0	98	97	100
DE-7-165-911-2017	DE-7-319	1	101		99		97		95		107	103	
DE-7-165-912-2017	DE-7-319	1	103		104		101		99		96	105	
DE-7-165-913-2017	DE-7-320	1	104		103		102		100		103	104	102
DE-7-165-914-2017	DE-7-320	1	102		108		105		100		96	100	102