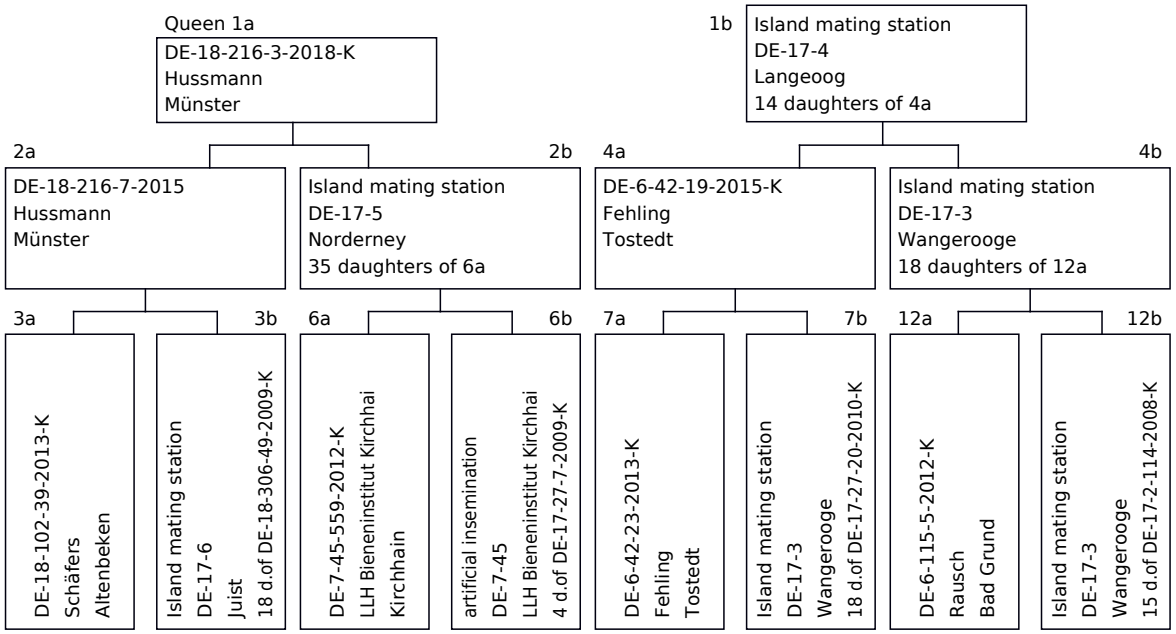
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-18-216-3-2018-K

Landesverband Westfälischer & Lippischer Imker e.V.

Tester of the queen:	Hussmann, Ludger, 48165 Münster, DE-18-216, Apiary 1	
Breeder of the queen:	Hussmann, Ludger, 48165 Münster, DE-18-216	
1a Studbook number:	**DE-18-216-3-2018-K**	
		Daughters of
Race line: -Carnica	Sign: red 11	Queen: 0.2%
Generation: 6	Hatch date: 06.06.2018	Workers: 1.2%

A. Pedigree



B. Own performance

	No. of the colony 8			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	60	176.5	1	12	34

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	114	
Honey yield	-	110	0.37
Defensive behavior	4	119	0.49
Steadiness on comb	4	121	0.49
Swarming drive	4	120	0.37
Varroa	-	99*	0.26
Performance index	-	119	0.42
Robustness in winter	4		
Development in Spring	4		
Colony strength	4		

70% 100% 170%

[1]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%.
Only one Varroa trait was recorded

C. Performance of the sisters

See page 2

D. Body features, see appendix

See attached characteristic documents:

E. Results

Class A
Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

01.11.2020

For the correctness DE-18

Breeding selection report DE-18-216-3-2018-K

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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 Behavior	Calmness during inspection	Breeding Value Calmness during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-18-216-1-2018	DE-18-216	1	102	33	98	3	99	2	97	3	112	98*	101
DE-18-216-2-2018	DE-18-216	1	108	40	102	4	114	3	111	3	113	98*	111
DE-18-216-3-2018-K	DE-18-216	1	114	60	110	4	119	4	121	4	120	99*	119
DE-18-216-4-2018	DE-18-216	1	103	10	96	3	105	3	107	1	103	99*	102
DE-18-216-10-2018	DE-18-216	1	108	50	104	4	114	3	111	3	113	97*	111
DE-18-216-11-2018	DE-18-216	1	104	35	101	3	105	3	107	2	108	97*	105
DE-18-216-15-2018	DE-18-216	1	98	10	93	3	100	2	97	1	101	97*	97

Only one Varroa trait was recorded