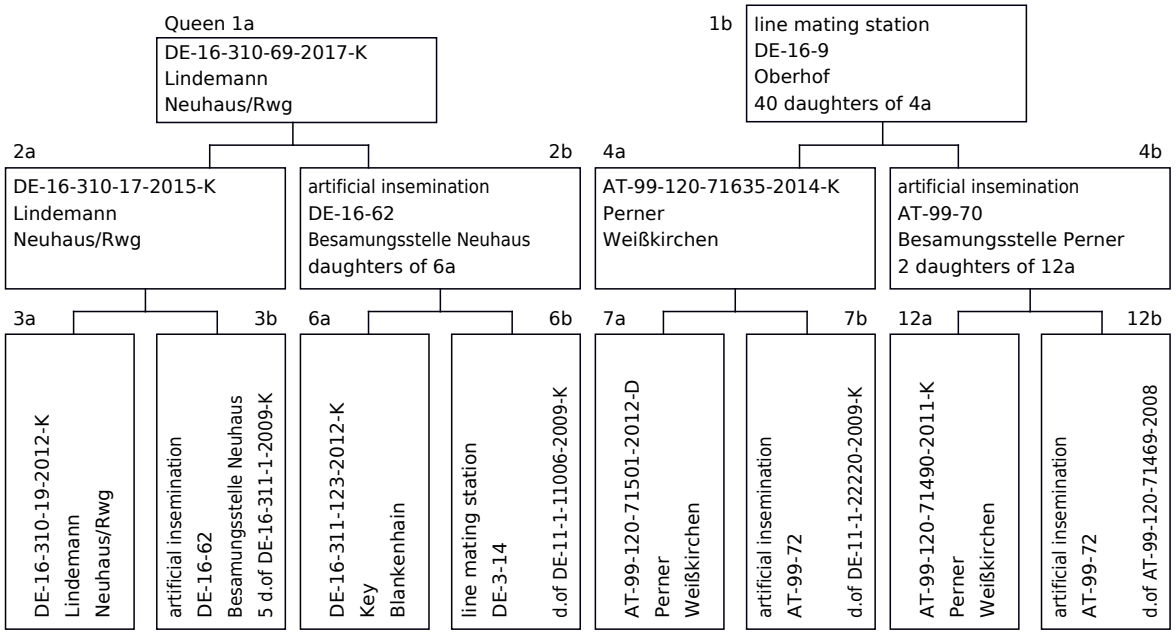
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-16-310-69-2017-K

Tester of the queen:	Bauersachs, Karl-Heinz, 96528 Seltendorf, DE-16-318, Apiary 1	
Breeder of the queen:	Lindemann, Uwe, 98724 Neuhaus/Rwg, DE-16-310	
1a Studbook number:	**DE-16-310-69-2017-K**	
		Daughters of
Race line:	Sign: yellow 33	Queen: 6.0%
Generation:	Hatch date:	Workers: 0.3%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	61.8	134.8	2	9	45.9

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	120	
Honey yield	-	118	0.4
Defensive behavior	3.80	114	0.61
Steadiness on comb	3.90	115	0.61
Swarming drive	4	108	0.37
Varroa	-	115	0.36
Performance index	-	0	
Robustness in winter			
Development in Spring			
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%.

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.

19.07.2019

For the correctness DE-16

Breeding selection report DE-16-310-69-2017-K

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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 during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-16-310-63-2017**	DE-16-310	1	95		(90)		(98)		(101)		(99)	(95)	95
DE-16-310-72-2017	DE-16-310	1	112		99		103		102		102	123	
DE-16-310-80-2017	DE-16-310	1	93		87		95		97		92	95*	91
DE-16-310-93-2017	DE-16-310	1	96		94		97		99		99	94	97
DE-16-310-69-2017-K	DE-16-318	1	120	61.8	118	3.8	114	3.9	115	4	108	115	
DE-16-310-70-2017	DE-16-318	1	117	46.3	108	3.8	113	3.7	113	4	107	117	
DE-16-310-57-2017	DE-16-325	9	104		87		117		117		104	97	
DE-16-310-62-2017	DE-16-325	9	105		88		107		108		102	107	
DE-16-310-58-2017	DE-16-334	10	114		99		119		119		109	107	
DE-16-310-56-2017	DE-16-336	8	97		105		105		106		89	91	
DE-16-310-67-2017	DE-16-337	11	116		115		111		112		110	109	
DE-16-310-60-2017	DE-16-351	6	108		110		91		94		102	119	
DE-16-310-65-2017	DE-16-358	14	117		112		104		106		100	124	
DE-16-310-66-2017	DE-16-358	14	116		118		114		115		106	107	

Only one Varroa trait was recorded

Colony without performance tests