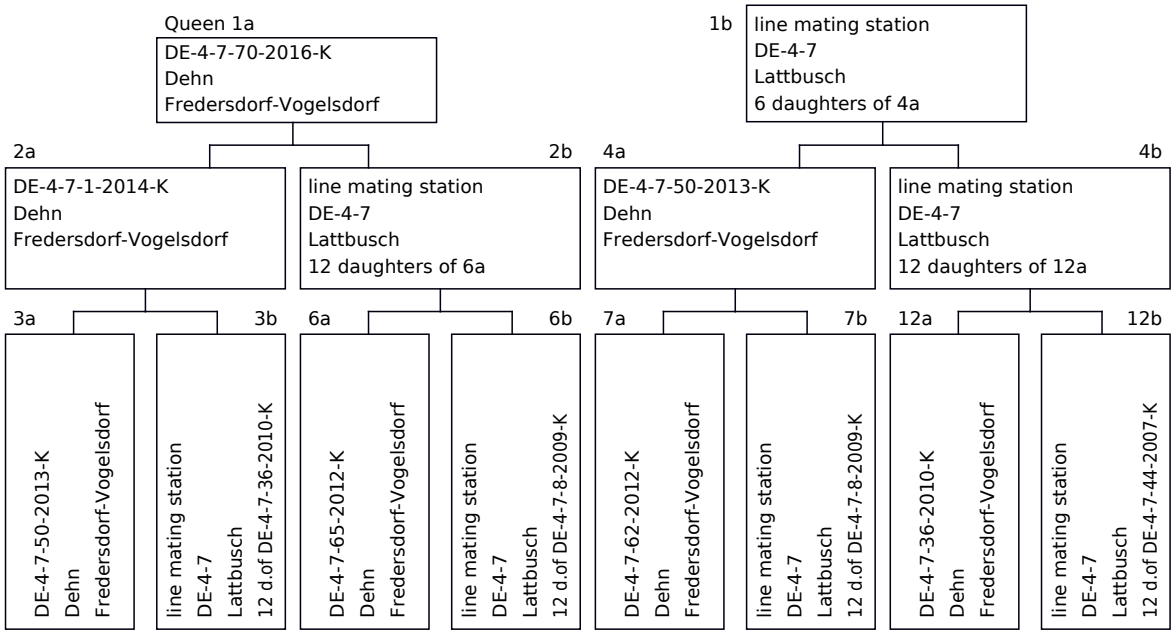
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-4-7-70-2016-K

Tester of the queen:	Dehn, Heinz, 15370 Fredersdorf-Vogelsdorf, DE-4-7, Apiary 1	
Breeder of the queen:	Dehn, Heinz, 15370 Fredersdorf-Vogelsdorf, DE-4-7	
1a Studbook number:	**DE-4-7-70-2016-K**	
		Daughters of
Race line: -10	Sign: white wei	Queen: 35.0%
Generation: 10	Hatch date: 24.05.2016	Workers: 40.4%

A. Pedigree



B. Own performance

	No. of the colony Dehn			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	52	137.5	1	12	37.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	108	
Honey yield	-	123	0.56
Defensive behavior	4	107	0.68
Steadiness on comb	4	105	0.68
Swarming drive	4	109	0.53
Varroa	-	95	0.38
Performance index	-	0	
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%.

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).

19.02.2018

For the correctness DE-4

Breeding selection report DE-4-7-70-2016-K

Page 2

Performance of the sisters

Amount of checked sisters: 24

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-4-7-3-2016	DE-4-7	1	104	30	100	4	111	4	108	4	106	97	
DE-4-7-7-2016	DE-4-7	1	105	37	107	4	110	4	107	4	107	95	
DE-4-7-16-2016	DE-4-7	1	104	38	108	4	110	4	107	4	107	94	
DE-4-7-18-2016	DE-4-7	1	104	36.5	107	4	110	4	107	4	107	94	
DE-4-7-21-2016	DE-4-7	1	105	35.3	105	4	110	4	107	4	106	96	
DE-4-7-22-2016	DE-4-7	1	103	36	106	4	110	4	107	4	107	92	
DE-4-7-33-2016	DE-4-7	1	104	39.1	109	4	109	4	107	4	107	93	
DE-4-7-34-2016-K	DE-4-7	1	104	39.5	110	4	109	4	107	4	107	93	
DE-4-7-45-2016	DE-4-7	1	104	32.4	102	4	110	4	108	4	106	95	
DE-4-7-70-2016-K	DE-4-7	1	108	52	123	4	107	4	105	4	109	95	
DE-4-7-71-2016	DE-4-7	1	103	31	101	4	111	4	108	4	106	94	
DE-4-7-72-2016	DE-4-7	1	107	47.1	118	4	108	4	106	4	108	96	
DE-4-297-1-2016	DE-4-297	1	106		107		111		108		108	97	
DE-4-297-4-2016-K	DE-4-297	1	108		115		114		111		110	93	
DE-4-297-8-2016	DE-4-297	1	99		91		105		105		105	94	
DE-4-297-9-2016	DE-4-297	1	102		96		112		107		106	94	
DE-4-297-10-2016	DE-4-297	1	110		118		113		111		111	95	
DE-4-297-14-2016	DE-4-297	1	99		113		100		98		96	95	
DE-4-297-15-2016	DE-4-297	1	106		115		110		106		109	94	
DE-4-297-69-2016-K	DE-4-297	1	106		109		112		109		109	95	
DE-4-297-18-2016	DE-4-297	2	103		101		110		107		108	95	
DE-4-297-19-2016	DE-4-297	2	106		115		108		105		109	94	
DE-4-297-21-2016	DE-4-297	2	102		105		110		107		101	94	
DE-4-297-45-2016	DE-4-297	2	107		111		111		109		109	95	