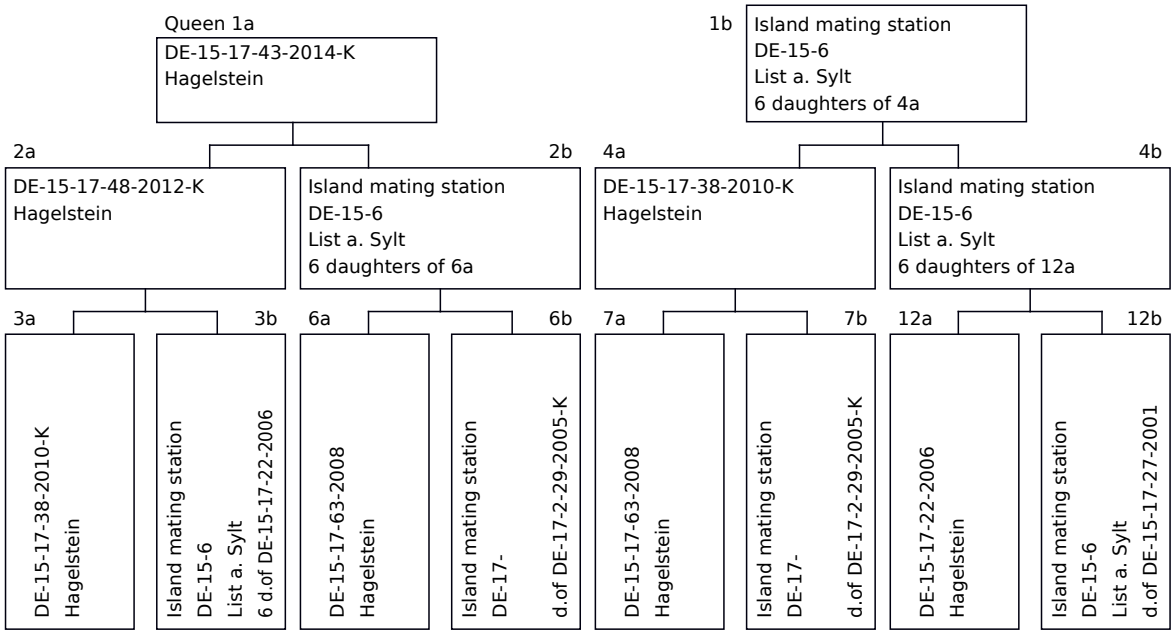
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-15-17-43-2014-K

Tester of the queen:	Hagelstein, Paul G., DE-15-17, Apiary 1	
Breeder of the queen:	Hagelstein, Paul G., DE-15-17	
1a Studbook number:	**DE-15-17-43-2014-K**	
		Daughters of
Race line: -2	Sign: green 43	Queen: 14.5%
Generation: 3	Hatch date: 02.06.2014	Workers: 17.3%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	75	126.6	2	13	59.2

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	118	
Honey yield	-	114	0.32
Defensive behavior	4	115	0.5
Steadiness on comb	4	114	0.53
Swarming drive	4	119	0.31
Varroa	-	112*	0.22
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%.
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).

31.03.2016

For the correctness DE-15

Breeding selection report DE-15-17-43-2014-K

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Performance of the sisters

Amount of checked sisters: 13

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-15-17-34-2014	DE-15-17	1	87	37	80	3.5	87	3.5	86	3	85	99*	
DE-15-17-36-2014-K	DE-15-17	1	117	76	115	4	115	4	114	4	120	109*	
DE-15-17-37-2014	DE-15-17	1	103	64	101	3.8	97	3.5	96	3.5	100	108*	
DE-15-17-38-2014-K	DE-15-17	1	111	70	109	3.8	108	4	107	3.8	110	109*	
DE-15-17-40-2014	DE-15-17	1	87	36	80	3.5	87	3.5	86	3	85	98*	
DE-15-17-41-2014	DE-15-17	1	97	65	101	3.5	89	3.5	88	3.8	101	102*	
DE-15-17-42-2014-K	DE-15-17	1	112	74	112	3.8	108	4	107	3.8	111	110*	
DE-15-17-43-2014-K	DE-15-17	1	118	75	114	4	115	4	114	4	119	112*	
DE-15-17-44-2014-K	DE-15-17	1	101	68	104	3.5	95	3.8	94	3.8	104	104*	
DE-15-17-45-2014	DE-15-17	1	80	27	71	3.5	80	3	78	1	74	98*	
DE-15-17-46-2014-K	DE-15-17	1	102	67	104	3.5	95	3.8	94	3.8	103	105*	
DE-15-17-47-2014	DE-15-17	1	88	40	82	3.5	87	3.5	86	1	79	102*	
DE-15-17-48-2014-K	DE-15-17	1	114	71	110	4	110	3.8	109	3.8	112	112*	

Only one Varroa trait was recorded