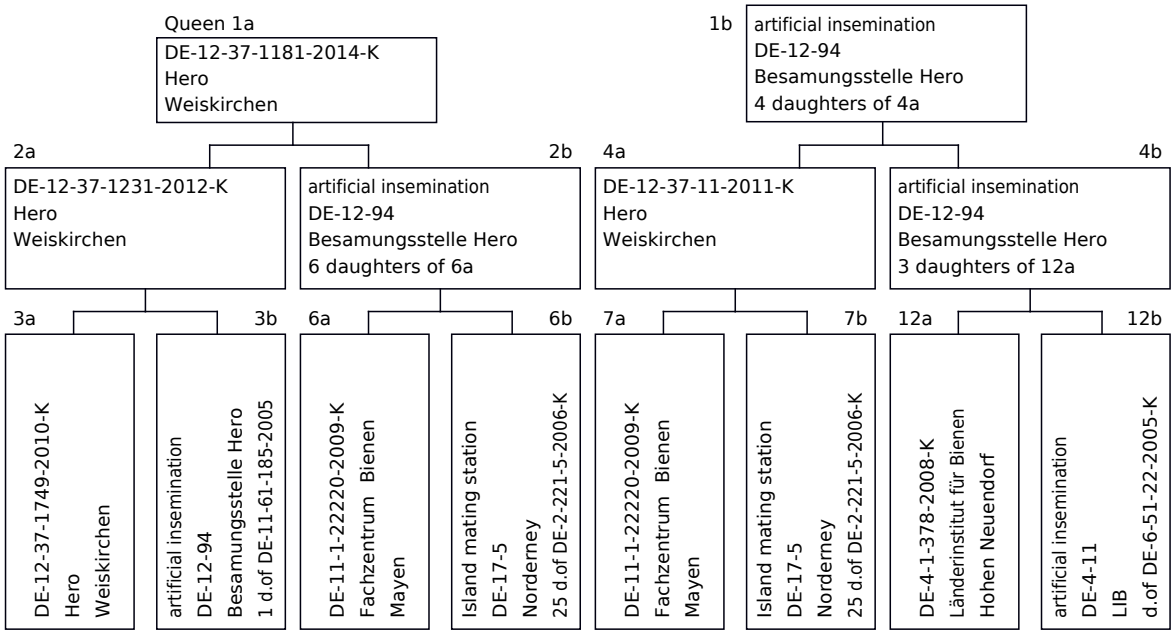
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-12-37-1181-2014-K

LANDESVERBAND SAARLÄNDISCHER IMKER E.V.

Tester of the queen:	Hero, Horst, 66709 Weiskirchen, DE-12-37, Apiary 1	
Breeder of the queen:	Hero, Horst, 66709 Weiskirchen, DE-12-37	
1a Studbook number:	**DE-12-37-1181-2014-K**	
		Daughters of
Race line:	Sign: green 81	Queen: 0.1%
Generation: 3	Hatch date: 15.7.2014	Workers: 5.4%

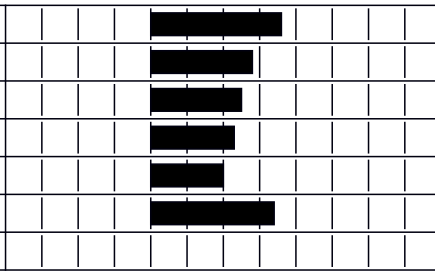
A. Pedigree



B. Own performance

	No. of the colony KK 6.1.			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	101.4	128.8	1	17	78.7

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	136	
Honey yield	-	128	0.38
Defensive behavior	3.80	125	0.58
Steadiness on comb	3.90	123	0.61
Swarming drive	4	120	0.38
Varroa	-	134	0.48
Performance index	-	0	
Robustness in winter	4		
Development in Spring	4		
Colony strength	4		



[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.

09.06.2016

For the correctness DE-12

Breeding selection report DE-12-37-1181-2014-K

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Performance of the sisters

Amount of checked sisters: 19

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-12-37-1163-2014	DE-11-76	2	89		83		89		90		76	(101)	
DE-12-37-1153-2014	DE-11-94	2	108		106		112		113		109	100	
DE-12-37-1154-2014-K	DE-11-94	2	111		112		109		110		107	107	
DE-12-37-1141-2014	DE-12-37	1	116	91.4	116	3.6	110	3.6	111	3.5	105	115	
DE-12-37-1144-2014	DE-12-37	1	102	81.1	105	3.4	101	3.4	102	3	94	104	
DE-12-37-1155-2014	DE-12-37	1	100	64.8	92	3.5	104	3.5	104	3	93	102	
DE-12-37-1156-2014	DE-12-37	1	102	61.3	90	3.5	103	3.5	103	3	90	108	
DE-12-37-1157-2014	DE-12-37	1	104	74.9	102	3.5	105	3.5	106	4	112	98	
DE-12-37-1161-2014	DE-12-37	1	101	91.4	112	3.2	95	3.2	96	3.5	100	100	
DE-12-37-1167-2014	DE-12-37	1	118	92.3	116	3.6	110	3.6	110	3.5	105	119	
DE-12-37-1168-2014	DE-12-37	1	96	51.9	82	3.5	101	3.4	101	3	88	103	
DE-12-37-1169-2014	DE-12-37	1	92	73	96	3	87	3	88	4	103	95	
DE-12-37-1173-2014	DE-12-37	1	105	73.9	100	3.5	105	3.5	105	3.5	100	105	
DE-12-37-1175-2014	DE-12-37	1	94	39.2	72	3.5	102	3.5	101	3	85	103	
DE-12-37-1176-2014-K	DE-12-37	1	134	97.6	126	3.9	128	3.9	127	4	123	127	
DE-12-37-1177-2014	DE-12-37	1	108	91.6	114	3.5	105	3.5	107	3.5	106	103	
DE-12-37-1178-2014	DE-12-37	1	104	75.5	100	3.4	100	3.4	100	3.5	98	108	
DE-12-37-1180-2014	DE-12-37	1	101	76.3	102	3.5	105	3.5	106	3	97	98	
DE-12-37-1181-2014-K	DE-12-37	1	136	101.4	128	3.8	125	3.9	123	4	120	134	