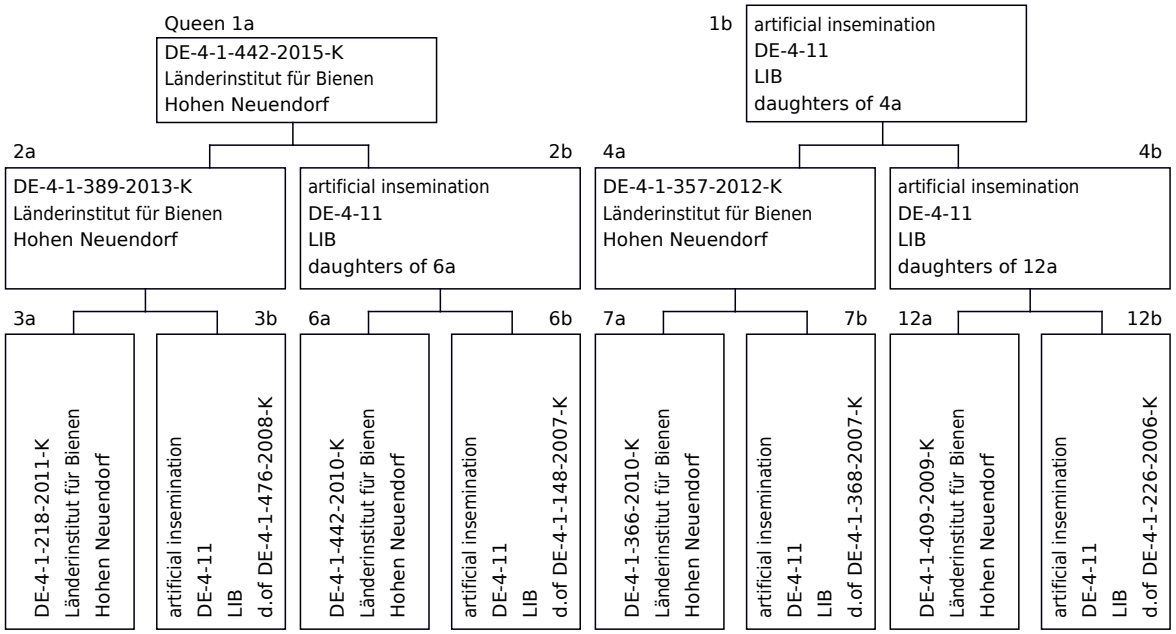
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-4-1-442-2015-K

Tester of the queen:	Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1, Apiary 1	
Breeder of the queen:	Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1	
1a Studbook number:	**DE-4-1-442-2015-K**	
Race line: -33	Sign: blue 42	Daughters of Queen: 6.1%
Generation:	Hatch date: 17.06.2015	Workers: 10.1%

A. Pedigree



B. Own performance

	No. of the colony 47			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	68	122.9	9	30	55.3

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	106	
Honey yield	-	104	0.44
Defensive behavior	3.40	110	0.65
Steadiness on comb	3	110	0.67
Swarming drive	4	112	0.43
Varroa	-	99	0.54
Performance index	-	0	
Robustness in winter	3		
Development in Spring	3.30		
Colony strength	3.40		

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.

30.05.2017

For the correctness DE-4

Breeding selection report DE-4-1-442-2015-K

Page 2

Performance of the sisters

Amount of checked sisters: 8

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-4-1-442-2015-K	DE-4-1	1	106	68	104	3.4	110	3	110	4	112	99	
DE-4-1-443-2015-K	DE-4-1	1	108	70.4	108	3.4	117	3.4	117	4	116	94	
DE-4-1-445-2015	DE-4-1	1	102	40.9	87	3.5	116	3.4	117	4	111	91	
DE-4-1-450-2015	DE-4-1	1	96	49.5	90	3.2	102	2.6	100	4	103	95	
DE-4-1-436-2015	DE-4-1	2	87	37.3	88	3.5	105	3.1	107	4	114	69	
DE-4-1-437-2015-K	DE-4-1	2	99	55.6	101	3.6	114	3.5	116	4	119	80	
DE-4-1-438-2015	DE-4-1	2	96	48.5	95	3.5	108	3.3	109	4	114	81	
DE-4-1-439-2015	DE-4-1	2	87	27.9	83	3.5	104	3.1	106	4	110	74	