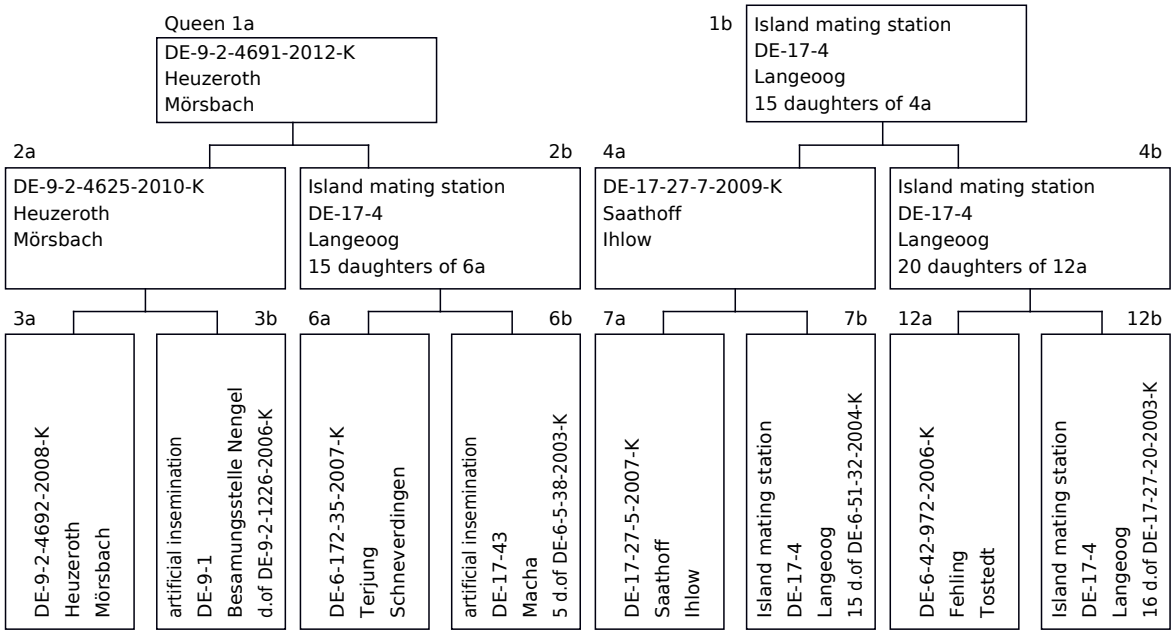
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-9-2-4691-2012-K

Imkerverband Nassau e.V.

Tester of the queen:	Heuzeroth, Siegfried, 57629 Mörsbach, DE-9-2, Apiary 2	
Breeder of the queen:	Heuzeroth, Siegfried, 57629 Mörsbach, DE-9-2	
1a Studbook number:	**DE-9-2-4691-2012-K**	
		Daughters of
Race line: -1	Sign: yellow 91	Queen: 0.1%
Generation: 4	Hatch date: 04.06.2012	Workers: 0.5%

A. Pedigree



B. Own performance

	No. of the colony 23			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	60.1	106.8	5	11	56.3

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	127	
Honey yield	-	115	0.41
Defensive behavior	4	119	0.62
Steadiness on comb	4	117	0.64
Swarming drive	4	114	0.42
Varroa	-	128	0.52
Performance index	-	0	
Robustness in winter			
Development in Spring			
Colony strength			

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.

14.05.2014

For the correctness DE-9

Breeding selection report DE-9-2-4691-2012-K

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Performance of the sisters

Amount of checked sisters: 12

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-9-2-4661-2012	DE-6-5	4	105		106		107		102		97	108*	
DE-9-2-4693-2012	DE-6-5	4	111		114		106		106		106	109*	
DE-9-2-4695-2012	DE-6-5	4	116		113		111		110		115	112*	
DE-9-2-4681-2012-K	DE-9-2	2	123	66.1	119	3.9	113	3.9	111	3.9	112	123	
DE-9-2-4682-2012	DE-9-2	2	107	46	97	3.7	99	3.7	97	4	102	115	
DE-9-2-4683-2012-K	DE-9-2	2	129	63.6	118	4	119	4	117	4	115	130	
DE-9-2-4685-2012	DE-9-2	2	90	37.5	86	3.6	90	3.4	90	4	100	93	
DE-9-2-4688-2012	DE-9-2	2	95	54.6	104	3.7	98	3.6	100	3.2	99	90	
DE-9-2-4689-2012	DE-9-2	2	96	59.2	106	3.7	92	3.2	93	2.1	90	100	
DE-9-2-4691-2012-K	DE-9-2	2	127	60.1	115	4	119	4	117	4	114	128	
DE-9-2-4680-2012	DE-12-1	1	113		104		116		115		94	115	
DE-9-2-4690-2012	DE-12-1	1	111		113		108		108		106	108	

Only one Varroa trait was recorded