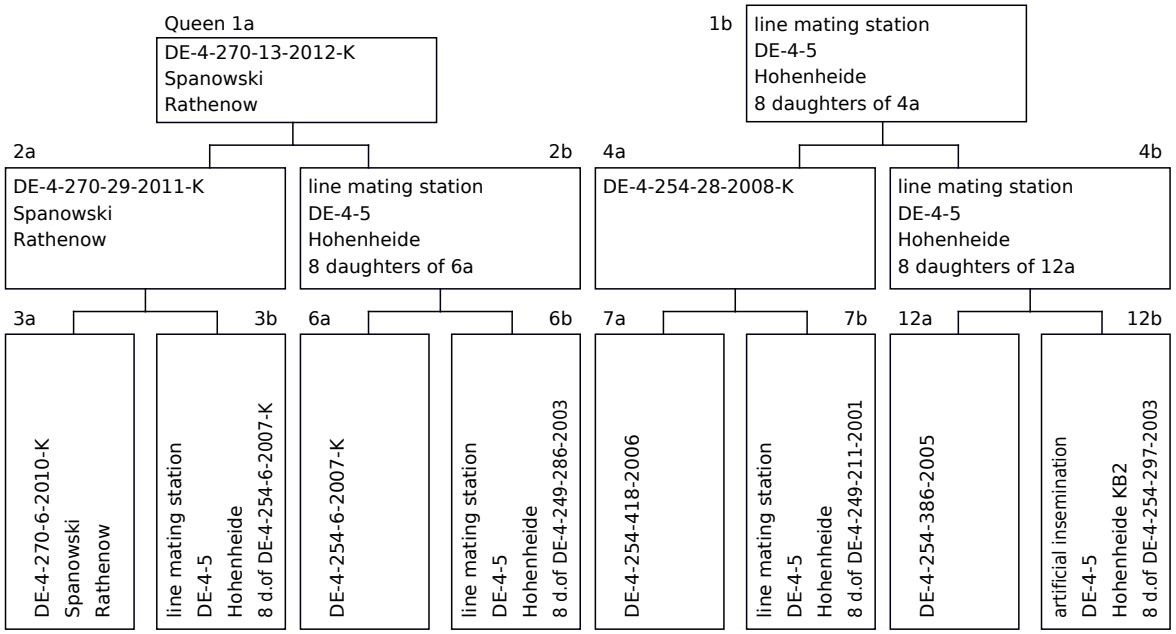
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-4-270-13-2012-K

Tester of the queen:	Moraw, Andreas, 14712 Rathenow, DE-4-278, Apiary 1	
Breeder of the queen:	Spanowski, Werner, 14712 Rathenow, DE-4-270	
1a Studbook number:	**DE-4-270-13-2012-K**	
		Daughters of
Race line:	Sign: yellow 13	Queen: 26.5%
Generation:	Hatch date: 17.05.2012	Workers: 10%

A. Pedigree



B. Own performance

	No. of the colony 4			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	65	106.7	1	10	60.9

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	109	
Honey yield	-	110	0.4
Defensive behavior	3.60	106	0.54
Steadiness on comb	3.60	105	0.57
Swarming drive	3.60	99	0.38
Varroa	-	(111)	0.2
Performance index	-	0	
Robustness in winter	3.90		
Development in Spring	3.90		
Colony strength	3.90		

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 B
Suitable for breeding.

12.02.2014

For the correctness DE-4

Breeding selection report DE-4-270-13-2012-K

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Performance of the sisters

Amount of checked sisters: 16

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-4-278-4-2012	DE-4-270	1	100		102		95		94		98	(105)	
DE-4-278-5-2012	DE-4-270	1	108		106		106		106		101	(109)	
DE-4-278-6-2012	DE-4-270	1	103		107		98		98		96	(107)	
DE-4-278-8-2012	DE-4-270	1	115		107		115		114		100	(115)	
DE-4-278-10-2012	DE-4-270	1	93		93		89		88		86	(103)	
DE-4-278-11-2012	DE-4-270	1	102		104		97		97		93	(106)	
DE-4-270-11-2012	DE-4-278	1	98	59	99	3.2	92	3.4	91	3.8	95	(105)	
DE-4-270-12-2012	DE-4-278	1	105	61	104	3.4	103	3.7	103	3.7	98	(107)	
DE-4-270-13-2012-K	DE-4-278	1	109	65	110	3.6	106	3.6	105	3.6	99	(111)	
DE-4-270-16-2012	DE-4-278	1	113	61	106	3.9	114	3.6	113	3.4	98	(114)	
DE-4-270-17-2012	DE-4-278	1	96	61	101	3	89	3.4	89	3.6	89	(104)	
DE-4-270-18-2012	DE-4-278	1	105	62	105	3.5	103	3.6	102	3.5	94	(109)	
DE-4-270-36-2012	DE-4-278	1	105	61	103	3.6	103	3.5	102	3.4	92	(110)	
DE-4-270-37-2012	DE-4-278	1	102	62	105	3.1	98	3.7	98	3.7	96	(105)	
DE-4-270-42-2012	DE-4-278	1	102	61	104	3	100	3.8	100	3.7	95	(104)	
DE-4-270-43-2012	DE-4-278	1	93	56	94	2.9	92	3.6	92	3.2	81	(103)	