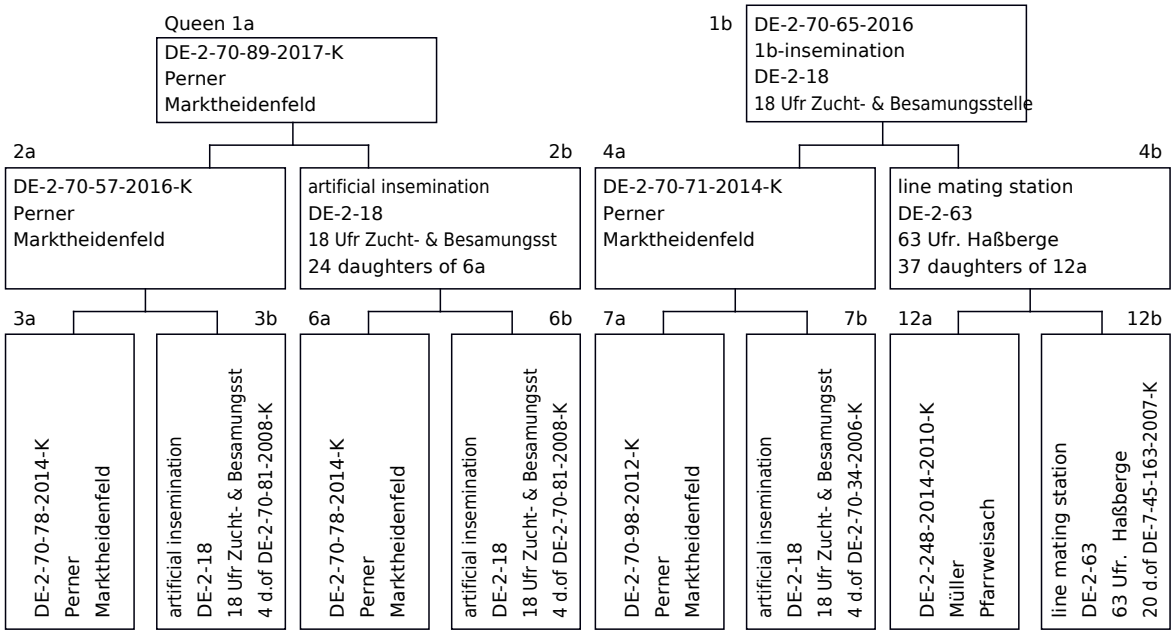
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-2-70-89-2017-K

LVBI

Tester of the queen:	Perner, Martin, 97828 Marktheidenfeld, DE-2-70, Apiary 1	
Breeder of the queen:	Perner, Martin, 97828 Marktheidenfeld, DE-2-70	
1a Studbook number:	**DE-2-70-89-2017-K**	
		Daughters of
Race line:	Sign: yellow	Queen: 20.0%
Generation:	Hatch date:	Workers: 2.1%

A. Pedigree



B. Own performance

	No. of the colony 8			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	79	151.3	2	10	52.2

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	122	
Honey yield	-	117	0.36
Defensive behavior	4	124	0.56
Steadiness on comb	4	123	0.56
Swarming drive	4	100	0.31
Varroa	-	116	0.3
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.

16.03.2019

For the correctness DE-2

Breeding selection report DE-2-70-89-2017-K

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Performance of the sisters

Amount of checked sisters: 23

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-2-70-16-2017	DE-2-70	1	95	36.8	91	2.8	94	3.2	96	4	92	(102)	
DE-2-70-26-2017	DE-2-70	1	74	29.5	72	3	86	3	86	4	61	(83)	72
DE-2-70-30-2017	DE-2-70	1	75	49.5	75	3.2	86	3	86	4	64	81	74
DE-2-70-66-2017	DE-2-70	1	112	40.1	97	3.8	121	3.8	120	4	97	109	
DE-2-70-67-2017	DE-2-70	1	80	31.8	76	3.2	97	3.7	101	4	66	81	82
DE-2-70-87-2017	DE-2-70	1	85	63.1	81	3.8	101	4	105	4	72	83	88
DE-2-70-89-2017-K	DE-2-70	1	122	79	117	4	124	4	123	4	100	116	
DE-2-70-90-2017	DE-2-70	1	82	35.4	77	3.5	100	3.8	103	4	67	(83)	84
DE-2-70-13-2017**	DE-2-502	2	78		(75)		(91)		(93)		(66)	(83)	78
DE-2-70-14-2017**	DE-2-502	2	78		(75)		(91)		(93)		(66)	(83)	78
DE-2-70-15-2017**	DE-2-502	2	78		(75)		(91)		(93)		(66)	(83)	78
DE-2-70-18-2017**	DE-2-502	2	78		(75)		(91)		(93)		(66)	(83)	78
DE-2-70-19-2017**	DE-2-502	2	78		(75)		(91)		(93)		(66)	(83)	78
DE-2-70-21-2017**	DE-2-502	2	103		(98)		(109)		(108)		(95)	(102)	
DE-2-70-22-2017**	DE-2-502	2	103		(98)		(109)		(108)		(95)	(102)	
DE-2-70-23-2017**	DE-2-502	2	103		(98)		(109)		(108)		(95)	(102)	
DE-2-70-24-2017**	DE-2-502	2	103		(98)		(109)		(108)		(95)	(102)	
DE-2-70-25-2017**	DE-2-502	2	103		(98)		(109)		(108)		(95)	(102)	
DE-2-70-31-2017**	DE-2-503	3	103		(98)		(109)		(108)		(95)	(102)	
DE-2-70-32-2017**	DE-2-503	3	103		(98)		(109)		(108)		(95)	(102)	
DE-2-70-33-2017**	DE-2-503	3	103		(98)		(109)		(108)		(95)	(102)	
DE-2-70-35-2017**	DE-2-503	3	103		(98)		(109)		(108)		(95)	(102)	
DE-2-70-36-2017-K	DE-2-503	3	110		86		124		125		85	111	

Colony without performance tests