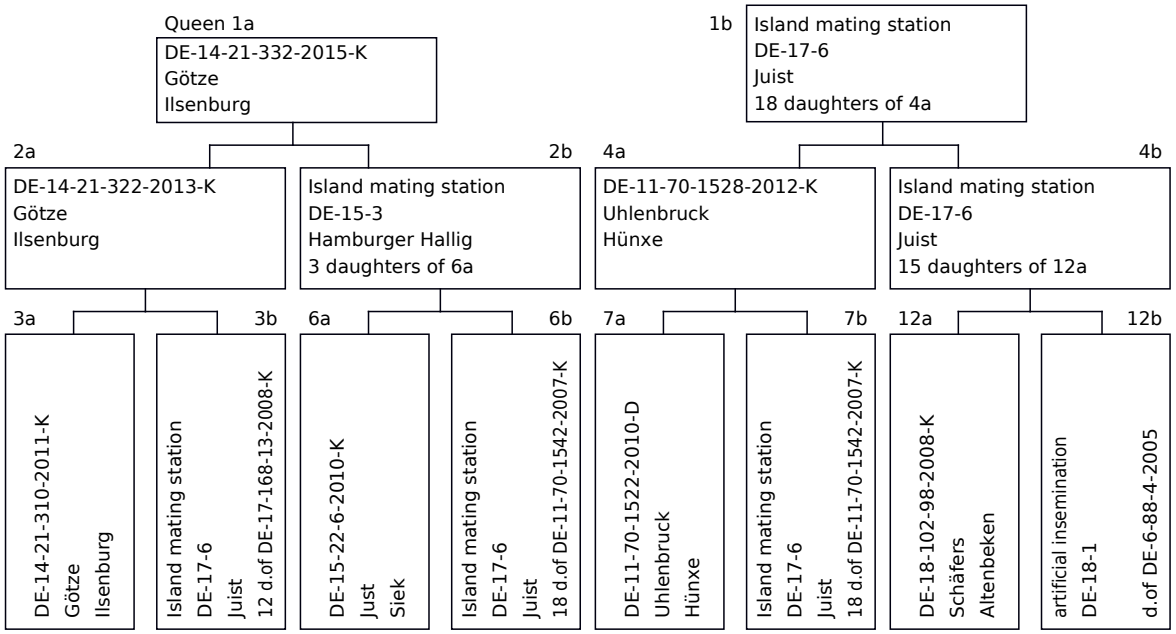
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-14-21-332-2015-K

Imkerverband Sachsen - Anhalt e.V.

Tester of the queen:	Götze, Wilfried, 38871 Ilsenburg, DE-14-21, Apiary 1	
Breeder of the queen:	Götze, Wilfried, 38871 Ilsenburg, DE-14-21	
1a Studbook number:	**DE-14-21-332-2015-K**	
		Daughters of
Race line: -13	Sign: blue 32	Queen: 0.7%
Generation: 4	Hatch date: 05.06.2015	Workers: 2.8%

A. Pedigree



B. Own performance

	No. of the colony PL23			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	67.5	139.5	1	15	48.4

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	112	
Honey yield	-	122	0.41
Defensive behavior	3.60	108	0.62
Steadiness on comb	3.60	109	0.65
Swarming drive	3.70	103	0.41
Varroa	-	108	0.51
Performance index	-	0	
Robustness in winter	4		
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 Av

Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

29.06.2017

For the correctness DE-14

Breeding selection report DE-14-21-332-2015-K

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Performance of the sisters

Amount of checked sisters: 15

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-14-21-327-2015	DE-14-21	1	83	24.5	84	3	92	3.5	93	3	80	87	
DE-14-21-329-2015	DE-14-21	1	93	60.7	111	3	91	3.2	92	1	78	97	
DE-14-21-331-2015	DE-14-21	1	106	61.3	116	3.5	104	3.5	104	3.8	102	103	
DE-14-21-332-2015-K	DE-14-21	1	112	67.5	122	3.6	108	3.6	109	3.7	103	108	
DE-14-21-333-2015	DE-14-21	1	92	33.9	94	3.5	100	3.4	101	3.8	98	86	
DE-14-21-334-2015-K	DE-14-21	1	116	65.4	121	3.7	113	3.7	113	3.9	108	110	
DE-14-21-337-2015	DE-14-21	1	83	34.3	91	3	86	3	88	3.8	91	84	
DE-15-53-35-2015	DE-15-53	1	96		105		101		102		84	96	
DE-15-53-36-2015	DE-15-53	1	94		100		98		98		97	92	
DE-15-53-38-2015	DE-15-53	1	96		105		99		100		89	94	
DE-15-53-42-2015-K	DE-15-53	1	117		121		117		117		114	108	
DE-14-21-343-2015	DE-18-102	1	103		108		97		97		100	105	
DE-14-21-345-2015	DE-18-102	1	94		107		101		103		104	83	
DE-14-21-346-2015	DE-18-502	1	98		113		98		99		86	(98)	
DE-14-21-347-2015	DE-18-502	1	98		106		97		97		102	(96)	