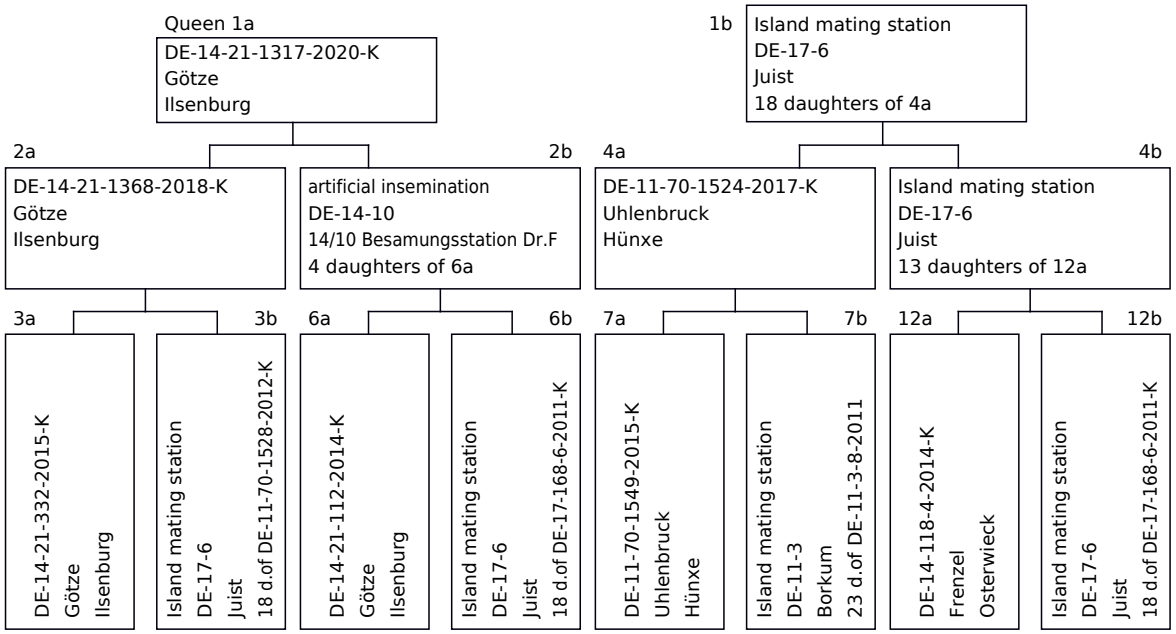
Breeding selection report
DE-14-21-1317-2020-K

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-14-21-1317-2020-K**	
		Daughters of
Race line: -13	Sign: blue 17	Queen: 4.3%
Generation: 6	Hatch date: 01.06.2020	Workers: 3.9%

A. Pedigree



B. Own performance

	No. of the colony PL33			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	102.5	118.4	2	14	86.5

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	113	
Honey yield	-	114	0.46
Defensive behavior	3.90	113	0.55
Steadiness on comb	3.90	112	0.55
Swarming drive	4	107	0.51
Varroa	-	108	0.51
Performance index	-	113	0.46
Robustness in winter	4		
Development in Spring	4		
Colony strength	4		

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.

24.02.2022

For the correctness DE-14

Breeding selection report DE-14-21-1317-2020-K

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Performance of the sisters

Amount of checked sisters: 20

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-14-21-1317-2020-K	DE-14-21	1	113	102.5	114	3.9	113	3.9	112	4	107	108	113
DE-14-21-1313-2020-D	DE-17-139	1	111		(113)		113		114 inspection		106	104*	113
DE-14-21-1314-2020-D	DE-17-139	1	109		(110)		109		105		105	106*	108
DE-14-21-1316-2020-D	DE-17-139	1	113		(113)		113		114		106	107*	113
DE-14-21-1318-2020-D	DE-17-139	1	106		(109)		101		101		104	104*	104
DE-14-21-1319-2020-K	DE-17-139	1	114		(113)		113		114		106	108*	113
DE-14-21-1353-2020-D	DE-17-139	1	110		(110)		109		105		105	108*	108
DE-14-21-1358-2020-D	DE-17-139	1	114		(113)		113		114		106	109*	113
DE-14-21-1360-2020-D	DE-17-139	1	106		(108)		108		105		99	103*	106
DE-14-21-1390-2020-D	DE-17-139	1	108		(109)		101		101		104	108*	104
DE-14-21-1391-2020-D	DE-17-139	1	113		(113)		113		114		106	107*	113
DE-14-21-1397-2020-D	DE-17-139	1	106		(106)		108		104		92	105*	103
DE-14-21-1368-2020-D	DE-17-238	1	114		113		114		114		106	109*	114
DE-14-21-1369-2020-D	DE-17-238	1	114		113		114		114		106	109*	114
DE-14-21-1373-2020-D	DE-17-238	1	102		104		96		92		96	107*	96
DE-14-21-1378-2020-D	DE-17-238	1	113		114		114		114		106	106*	114
DE-14-21-1379-2020-D	DE-17-238	1	113		116		114		114		106	106*	114
DE-14-21-1346-2020-D	DE-17-238	3	115		113		118		114		107	109*	115
DE-14-21-1359-2020-D	DE-17-238	3	115		116		117		114		107	108*	116
DE-14-21-1374-2020	DE-17-238	3	107		107		97		98		103	110*	101

Only one Varroa trait was recorded