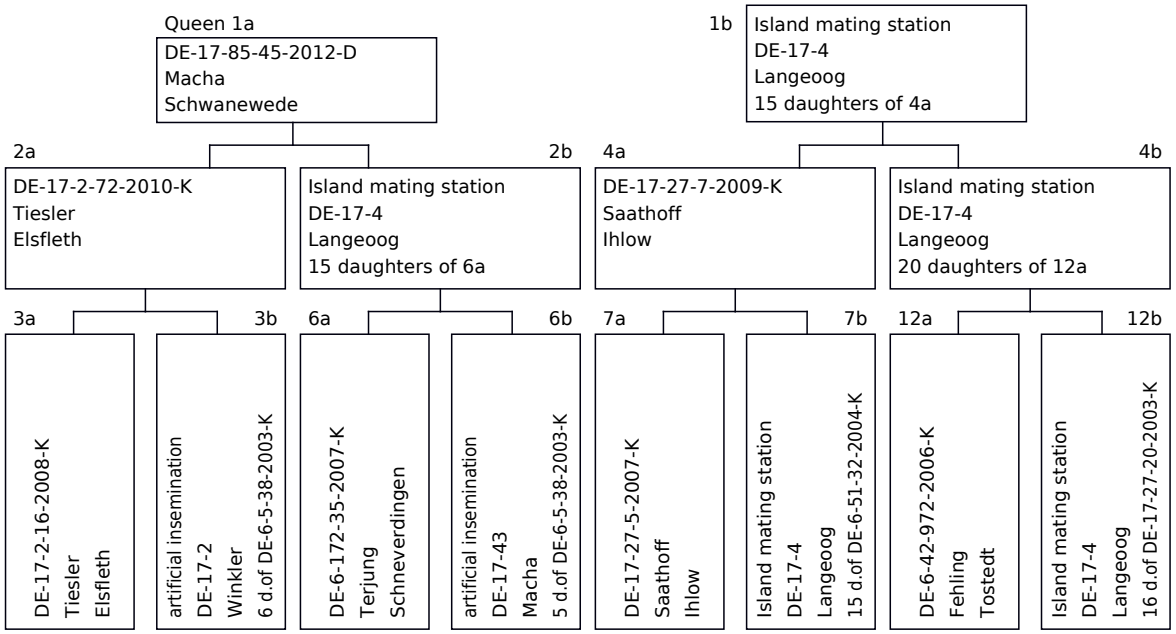
Breeding selection report
DE-17-85-45-2012-D

Tester of the queen:	Macha, Georg, 28790 Schwanewede, DE-17-85, Apiary 2	
Breeder of the queen:	Macha, Georg, 28790 Schwanewede, DE-17-85	
1a Studbook number:	**DE-17-85-45-2012-D**	
		Daughters of
Race line: -23	Sign: yellow 93	Queen: 6.9%
Generation: 0	Hatch date: 10.07.2012	Workers: 1.6%

A. Pedigree



B. Own performance

	No. of the colony 16			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	58	120.1	1	23	48.3

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	129	
Honey yield	-	121	0.46
Defensive behavior	4	114	0.66
Steadiness on comb	3.80	110	0.68
Swarming drive	4	115	0.46
Varroa	-	134	0.56
Performance index	-	0	
Robustness in winter	3.80		
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 D
Suitable for use as a drone colony at mating stations.

15.06.2014

For the correctness DE-17

Breeding selection report DE-17-85-45-2012-D

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Performance of the sisters

Amount of checked sisters: 21

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-17-2-25-2012	DE-6-45	11	121		98		109		104		104	136	
DE-17-2-27-2012	DE-6-45	11	96		101		94		94		109	93	
DE-17-2-28-2012	DE-6-45	11	108		103		107		106		113	105	
DE-17-2-15-2012	DE-6-45	12	128		110		129		127		126	119	
DE-6-172-21-2012	DE-6-172	1	120		104		107		103		112	129	
DE-6-172-25-2012	DE-6-172	1	114		102		116		115		117	107	
DE-6-172-20-2012	DE-6-172	2	114		105		106		104		109	117	
DE-6-172-22-2012	DE-6-172	2	113		101		107		105		112	116	
DE-6-172-26-2012	DE-6-172	2	96		98		97		98		103	93	
DE-6-172-23-2012	DE-6-172	3	111		106		111		111		117	104	
DE-6-172-27-2012	DE-6-172	3	126		125		122		122		121	116	
DE-6-172-24-2012	DE-6-172	4	121		109		117		115		119	118	
DE-6-172-28-2012	DE-6-172	4	115		120		118		118		120	100	
DE-17-85-40-2012	DE-17-85	2	110	47	105	4	111	3.8	111	4	117	103	
DE-17-85-41-2012	DE-17-85	2	114	50	110	4	112	3.8	111	4	117	108	
DE-17-85-42-2012	DE-17-85	2	108	44	101	4	111	3.8	111	4	116	100	
DE-17-85-43-2012	DE-17-85	2	112	46	104	4	112	3.8	111	4	116	107	
DE-17-85-44-2012	DE-17-85	2	123	52	113	4	113	3.8	110	4	114	126	
DE-17-85-45-2012-D	DE-17-85	2	129	58	121	4	114	3.8	110	4	115	134	
DE-17-85-46-2012	DE-17-85	2	127	55	117	4	113	3.8	110	4	114	132	
DE-17-85-47-2012	DE-17-85	2	117	49	108	4	111	3.8	110	4	115	117	