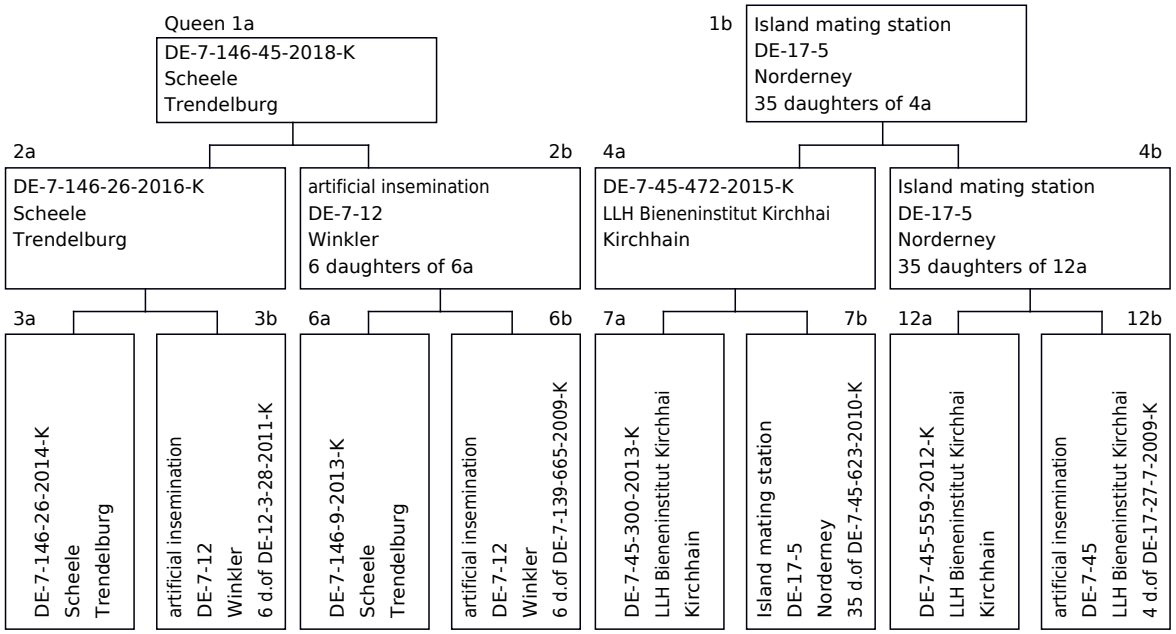
Breeding selection report
DE-7-146-45-2018-K

Tester of the queen:	Woltsche, Herbert, 9113 Ruden, AT-99-160, Apiary 1	
Breeder of the queen:	Scheele, Wolfgang, 34388 Trendelburg, DE-7-146	
1a Studbook number:	**DE-7-146-45-2018-K**	
		Daughters of
Race line: -3	Sign: red 45	Queen: 3.5%
Generation: 12	Hatch date:	Workers: 1.1%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	27	45.7	3	3	59.1

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	109	
Honey yield	-	104	0.5
Defensive behavior	3.80	111	0.59
Steadiness on comb	4	111	0.59
Swarming drive	4	119	0.45
Varroa	-	100*	0.55
Performance index	-	113	0.5
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%.
Only one Varroa trait was recorded

C. Performance of the sisters

See page 2

D. Body features, see appendix

See attached characteristic documents:

E. Results

Class B
Suitable for breeding.

30.12.2021

For the correctness AT-99

Breeding selection report DE-7-146-45-2018-K

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Performance of the sisters

Amount of checked sisters: 3

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-7-146-45-2018-K	AT-99-160	1	109	27	104	3.8	111	4	111	4	119	100*	113
DE-7-146-42-2018	DE-7-146	1	114		106		117		115 inspection		121	105	117
DE-7-146-43-2018	DE-7-146	1	107		100		112		109		121	96	112

Only one Varroa trait was recorded