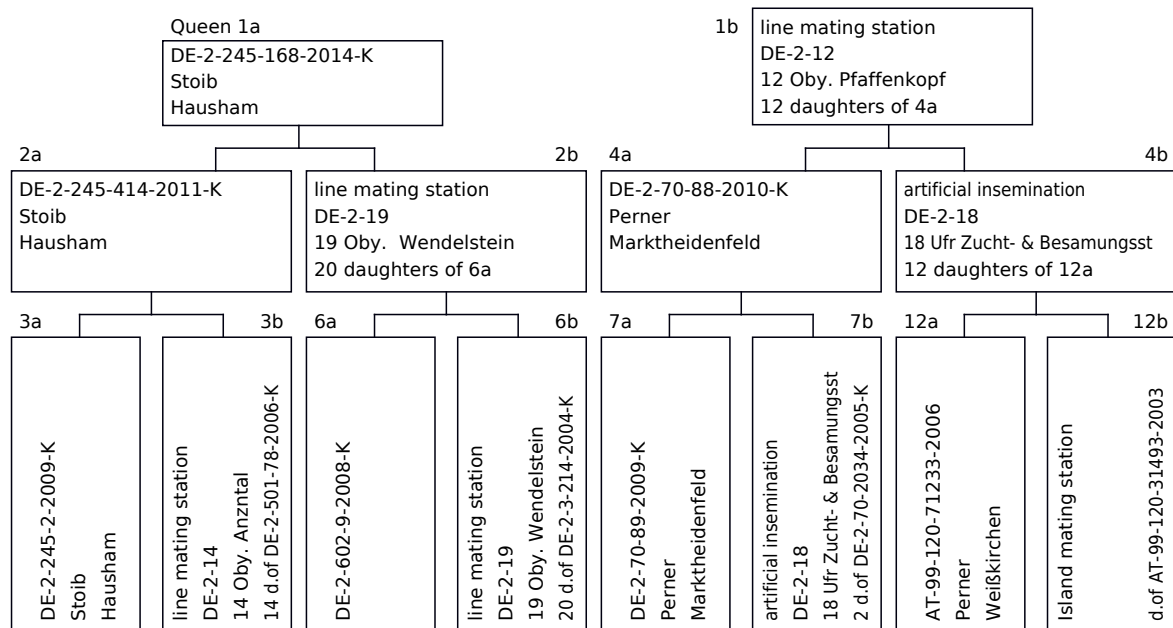


Tester of the queen: Stoib, Max, 83734 Hausham, DE-2-245, Apiary 2
 Breeder of the queen: Stoib, Max, 83734 Hausham, DE-2-245
1a Studbook number: **DE-2-245-168-2014-K**

Race line: -1 Sign: green 87 Daughters of Queen: 2.6%
 Generation: 4 Hatch date: 25.05.2014 Workers: 0.1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	39	210	1	7	18.6
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	119			
Honey yield	-	121			0.37
Defensive behavior	3.80	119			0.54
Steadiness on comb	3.90	119			0.57
Swarming drive	4	113			0.35
Varroa	-	(111)			0.26
Performance index	-	0			
Robustness in winter			70%	100%	170%
Development in Spring					
Colony strength					

¹In 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 A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

Breeding selection report DE-2-245-168-2014-K

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Performance of the sisters

Amount of checked sisters: 29

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 index
DE-2-245-140-2014	DE-2-245	1	107	16	103	3.7	Behavior	3.8	109	4	109	(106)	
DE-2-245-150-2014	DE-2-245	1	95	10	95	3.4	92	3.5	91	4	93	(101)	
DE-2-245-156-2014	DE-2-245	1	112	18	106	3.8	115	3.9	114	4	106	(108)	
DE-2-245-157-2014	DE-2-245	1	117	25	113	3.9	119	3.9	119	4	110	(111)	
DE-2-245-159-2014	DE-2-245	1	102	12	99	3.6	102	3.7	101	4	99	(104)	
DE-2-245-160-2014	DE-2-245	1	100	16	101	3.5	97	3.6	97	4	97	(103)	
DE-2-245-164-2014	DE-2-245	1	95	19	101	3.3	88	3.4	88	4	94	(101)	
DE-2-245-166-2014	DE-2-245	1	96	18	101	3.4	91	3.4	90	4	95	(101)	
DE-2-245-170-2014	DE-2-245	1	105	14	101	3.7	105	3.7	105	4	101	(105)	
DE-2-245-171-2014	DE-2-245	1	104	14	100	3.7	103	3.6	102	4	100	(105)	
DE-2-245-175-2014	DE-2-245	1	104	15	101	3.7	103	3.6	102	4	100	(105)	
DE-2-245-228-2014	DE-2-245	1	117	33	118	3.8	116	3.9	116	4	110	(110)	
DE-2-245-114-2014	DE-2-245	2	107	20	105	3.7	106	3.6	105	4	104	(106)	
DE-2-245-148-2014	DE-2-245	2	106	14	101	3.7	106	3.6	105	4	103	(106)	
DE-2-245-149-2014	DE-2-245	2	103	15	101	3.6	102	3.6	102	4	101	(104)	
DE-2-245-155-2014	DE-2-245	2	97	16	99	3.3	93	3.5	92	4	96	(101)	
DE-2-245-162-2014	DE-2-245	2	97	14	98	3.4	93	3.4	92	4	97	(101)	
DE-2-245-163-2014	DE-2-245	2	102	12	98	3.7	105	3.6	105	3	88	(106)	
DE-2-245-168-2014-K	DE-2-245	2	119	39	121	3.8	119	3.9	119	4	113	(111)	
DE-2-245-118-2014-K	DE-2-501	1	108		100		103		100		92	118	
DE-2-245-122-2014	DE-2-501	1	96		99		99		99		108	90	
DE-2-245-138-2014-K	DE-2-501	1	118		109		113		111		112	119	
DE-2-245-120-2014	DE-2-502	2	94		96		86		85		93	102	
DE-2-245-147-2014-K	DE-2-502	2	106		103		104		102		90	113	
DE-2-245-111-2014-K	DE-2-503	3	101		108		109		111		110	87	
DE-2-245-124-2014-K	DE-2-503	3	110		99		109		107		102	113	
DE-2-245-126-2014-K	DE-2-503	3	104		110		107		107		109	96	
DE-2-245-127-2014	DE-2-503	3	109		98		101		98		90	123	
DE-2-245-130-2014-K	DE-2-503	3	105		104		103		102		103	106	