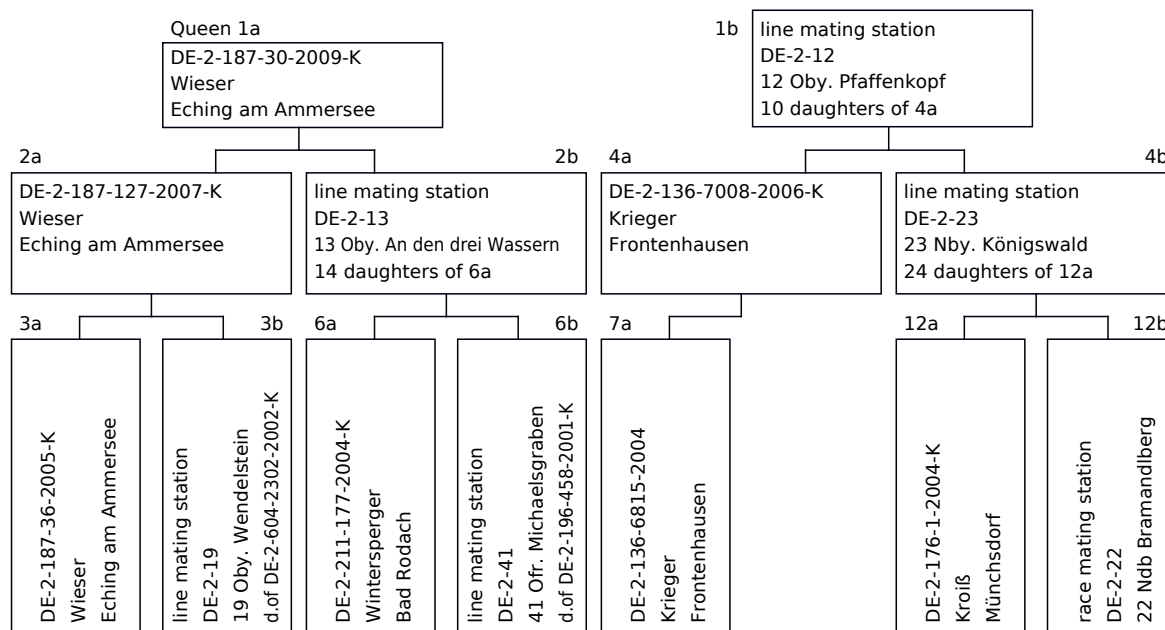


Tester of the queen: Wieser, Martin, 82279 Eching am Ammersee, DE-2-187, Apiary 1
 Breeder of the queen: Wieser, Martin, 82279 Eching am Ammersee, DE-2-187
1a Studbook number: **DE-2-187-30-2009-K**

Race line: -7 Sign: green 2 Daughters of Queen: 1%
 Generation: 3 Hatch date: 10.06.2009 Workers: 0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony Volk 9030			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	29.9	85.6	5	9	34.9
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	100			
Honey yield	-	97			0.39
Defensive behavior	3.30	99			0.58
Steadiness on comb	3.40	99			0.6
Swarming drive	4	110			0.37
Varroa	-	(98)			0.23
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 B
Suitable for breeding.

Breeding selection report DE-2-187-30-2009-K

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Performance of the sisters

Amount of checked sisters: 11

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-2-187-30-2009-K	DE-2-187	1	100	29.9	97	3.3	99	3.4	99	4	110	(98)	
DE-2-187-37-2009	DE-2-187	1	94	10.5	87	3.2	100	3.6	100	1	91	(96)	
DE-2-187-43-2009	DE-2-187	1	87	52.5	102	2.5	80	2.8	81	1	87	(94)	
DE-2-187-52-2009	DE-2-187	1	102	57.5	109	3.3	100	3.4	101	1	97	(101)	
DE-2-187-36-2009	DE-2-187	2	87	19.5	84	3.3	89	3.3	89	1	85	(94)	
DE-2-187-41-2009	DE-2-187	2	104	60	106	3.5	100	3.5	101	4	112	(100)	
DE-2-187-56-2009	DE-2-265	1	98		92		98		97		108	99*	
DE-2-187-40-2009	DE-2-723	1	86		90		86		87		98	88	
DE-2-187-29-2009	DE-2-730	1	108		116		104		105		107	(104)	
DE-2-187-55-2009	DE-2-733	1	99		105		94		94		108	(97)	
DE-2-187-48-2009	DE-2-742	1	74		75		85		86		94	73	

Only one Varroa trait was recorded