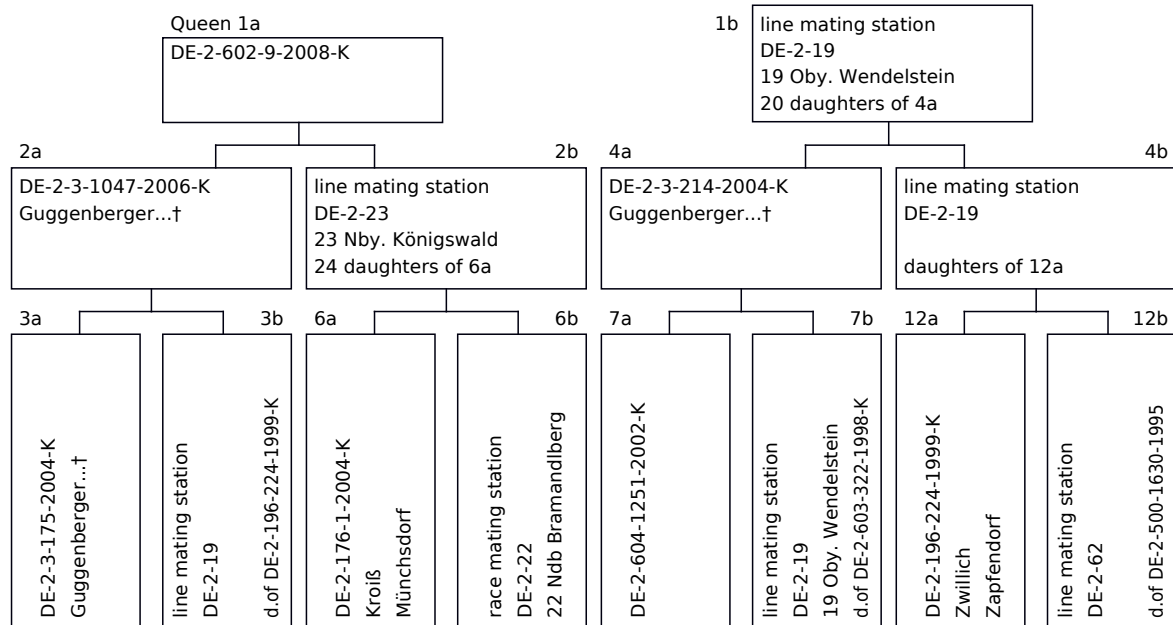


Tester of the queen: DE-2-602, Apiary 1
Breeder of the queen: DE-2-602
1a Studbook number: **DE-2-602-9-2008-K**

Race line: Sign: red
Generation: Hatch date:

Daughters of
Queen: 0.1%
Workers: 5.9%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	39	140.3	1	5	27.8
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	109			
Honey yield	-	111			0.38
Defensive behavior	3.80	103			0.53
Steadiness on comb	3.70	103			0.56
Swarming drive	4	99			0.36
Varroa	-	(112)			0.2
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

none Analysis of race characteristics

E. Results

Class B
Suitable for breeding.

Breeding selection report DE-2-602-9-2008-K

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Performance of the sisters

Amount of checked sisters: 51

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-2-3-229-2008-K	DE-2-3	1	104		110		Behavior		during inspection		drive	(107)	
DE-2-3-235-2008	DE-2-3	1	93		102		84		84		84	(104)	
DE-2-3-244-2008	DE-2-3	1	95		105		86		85		86	(105)	
DE-2-193-122-2008	DE-2-193	2	99		97		96		96		90	(106)	
DE-2-255-1-2008	DE-2-255	1	106		101		102		101		105	(109)	
DE-2-255-2-2008	DE-2-255	1	95		89		94		93		86	(105)	
DE-2-255-3-2008	DE-2-255	1	105		98		102		101		105	(108)	
DE-2-255-4-2008	DE-2-255	1	90		101		81		81		79	(103)	
DE-2-255-5-2008	DE-2-255	1	86		96		76		76		80	(100)	
DE-2-255-6-2008	DE-2-255	1	97		92		96		96		88	(105)	
DE-2-255-7-2008	DE-2-255	1	107		107		100		100		106	(108)	
DE-2-255-8-2008	DE-2-255	1	107		104		106		105		90	(112)	
DE-2-602-2-2008	DE-2-602	1	98	28	98	3.7	92	3.4	91	4	92	(107)	
DE-2-602-4-2008	DE-2-602	1	103	24	97	3.8	102	3.7	101	4	95	(108)	
DE-2-602-6-2008	DE-2-602	1	92	21	92	3.4	88	3.6	88	4	87	(102)	
DE-2-602-8-2008	DE-2-602	1	95	27	97	3.5	89	3.5	88	4	89	(104)	
DE-2-602-9-2008-K	DE-2-602	1	109	39	111	3.8	103	3.7	103	4	99	(112)	
DE-2-602-1-2008	DE-2-602	2	101	41	101	3.7	95	3.4	94	4	94	(108)	
DE-2-602-3-2008	DE-2-602	2	98	37	97	3.6	93	3.5	93	4	91	(105)	
DE-2-602-7-2008	DE-2-602	2	99	37	97	3.6	96	3.6	95	4	92	(106)	
DE-2-604-33-2008	DE-2-604	1	99		98		95		94		92	(106)	
DE-2-604-10-2008	DE-2-604	2	101		106		93		93		94	(107)	
DE-2-604-11-2008	DE-2-604	2	99		91		98		97		92	(106)	
DE-2-604-31-2008	DE-2-604	2	98		99		93		92		92	(106)	
DE-2-604-1-2008	DE-2-604	3	104		113		92		92		102	(108)	
DE-2-604-4-2008	DE-2-604	3	106		108		101		100		94	(110)	
DE-2-604-5-2008	DE-2-604	3	100		105		95		95		85	(107)	
DE-2-604-6-2008	DE-2-604	3	96		98		88		88		96	(104)	
DE-2-604-7-2008	DE-2-604	3	101		106		91		91		100	(106)	
DE-2-604-8-2008	DE-2-604	3	93		85		94		93		80	(105)	
DE-2-604-9-2008	DE-2-604	3	93		92		90		89		80	(105)	
DE-2-604-13-2008	DE-2-604	3	93		85		94		93		80	(105)	
DE-2-604-14-2008	DE-2-604	3	90		85		88		87		82	(103)	
DE-2-604-15-2008	DE-2-604	3	105		99		105		105		90	(110)	
DE-2-604-16-2008	DE-2-604	3	91		85		87		86		92	(101)	
DE-2-604-17-2008	DE-2-604	3	108		117		99		99		105	(109)	
DE-2-604-18-2008-K	DE-2-604	3	106		101		102		101		103	(108)	
DE-2-604-19-2008	DE-2-604	3	95		107		81		80		96	(103)	
DE-2-604-21-2008	DE-2-604	3	103		102		100		100		92	(109)	
DE-2-604-22-2008	DE-2-604	3	96		104		87		87		96	(102)	
DE-2-604-23-2008	DE-2-604	3	96		88		94		93		95	(103)	
DE-2-604-24-2008	DE-2-604	3	109		100		108		107		105	(110)	
DE-2-604-25-2008-K	DE-2-604	3	110		106		106		105		106	(111)	
DE-2-604-26-2008	DE-2-604	3	95		98		91		90		82	(106)	
DE-2-604-27-2008	DE-2-604	3	95		88		96		95		81	(105)	
DE-2-604-29-2008	DE-2-604	4	92		98		86		86		79	(104)	
DE-2-604-34-2008	DE-2-604	4	97		91		92		91		98	(104)	
DE-2-604-35-2008	DE-2-604	4	108		108		104		104		95	(111)	
DE-2-604-36-2008	DE-2-604	4	101		101		93		92		101	(106)	
DE-2-604-37-2008	DE-2-604	4	99		94		97		97		88	(106)	
DE-2-729-9-2008	DE-2-729	1	88		91		83		83		78	(101)	