

Breeding selection report

DE-4-1-488-2018-K

Tester of the queen:
Breeder of the queen:
1a Studbook number:

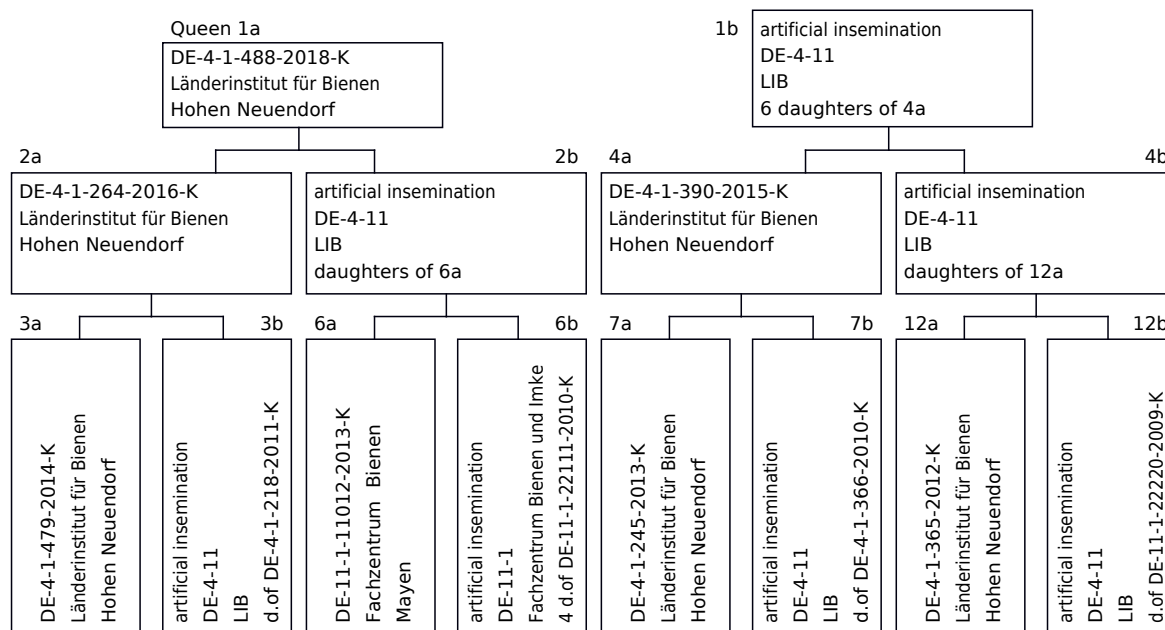
Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1, Apiary 2
Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1
DE-4-1-488-2018-K

Race line: -33
Generation:

Sign: red 88
Hatch date: 19.06.2018

Daughters of
Queen: 1.0%
Workers: 4.7%

A. Pedigree



B. Own performance

3. Own performance	No. of the colony 50			comparable colonies at the apiary							
	kg	%	Ranking	number	Yield average kg						
Performance test year	47.2	168.6	2	31	28.0						
	Assessment*	Breeding values									Reliability
Total breeding value ¹	-	103									
Honey yield	-	113								0.44	
Defensive behavior	3.40	104								0.57	
Steadiness on comb	3.30	106								0.57	
Swarming drive	4	109								0.35	
Varroa	-	92								0.28	
Performance index	-	105								0.5	
Robustness in winter	3.40	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	70%		100%		170%				
Development in Spring	3.40										
Colony strength	3.40										

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).

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Performance of the sisters

Amount of checked sisters: 18

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	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-4-1-483-2018-K	DE-4-1	1	102	20.1	104	3.2	104	3.2	106	4	106	93	102
DE-4-1-487-2018	DE-4-1	1	103	35.5	110	3.2	103	3	105	4	109	92	103
DE-4-1-493-2018-K	DE-4-1	1	106	42.4	113	3.2	102	2.9	104	4	109	99	104
DE-4-1-500-2018	DE-4-1	1	99	25.9	106	2.7	98	2.8	101	4	107	91	99
DE-4-1-476-2018	DE-4-1	2	98	34.6	108	2.9	97	2.7	99	4	107	89	99
DE-4-1-481-2018	DE-4-1	2	100	51	113	3.4	103	3.1	104	4	109	85	104
DE-4-1-484-2018-K	DE-4-1	2	102	42.6	112	3.4	104	3.3	106	4	109	90	104
DE-4-1-488-2018-K	DE-4-1	2	103	47.2	113	3.4	104	3.3	106	4	109	92	105
DE-4-1-490-2018	DE-4-1	2	102	32.8	108	3.2	102	3.1	104	4	108	92	102
DE-4-1-499-2018	DE-4-1	2	104	44.5	111	3.2	100	2.9	102	4	108	97	102
DE-4-1-477-2018	DE-4-1	3	102	68.3	114	3.4	103	3.3	105	4	109	90	104
DE-4-1-478-2018	DE-4-1	3	99	61.2	111	3.3	100	3	102	4	108	86	102
DE-4-1-480-2018	DE-4-1	3	103	45.8	109	3.2	103	3.6	107	4	109	94	104
DE-4-1-482-2018	DE-4-1	3	108	57.7	111	3.6	105	3.4	106	4	109	101	105
DE-4-1-489-2018	DE-4-1	3	107	60	113	3.6	106	3.6	108	4	110	97	106
DE-4-1-491-2018	DE-4-1	3	105	52	110	3.5	104	3.4	106	4	109	96	104
DE-4-1-495-2018	DE-4-1	3	103	53.2	109	3.1	99	3	101	4	108	97	101
DE-4-1-496-2018	DE-4-1	3	101	58.9	111	3.4	102	3.2	104	4	109	89	103