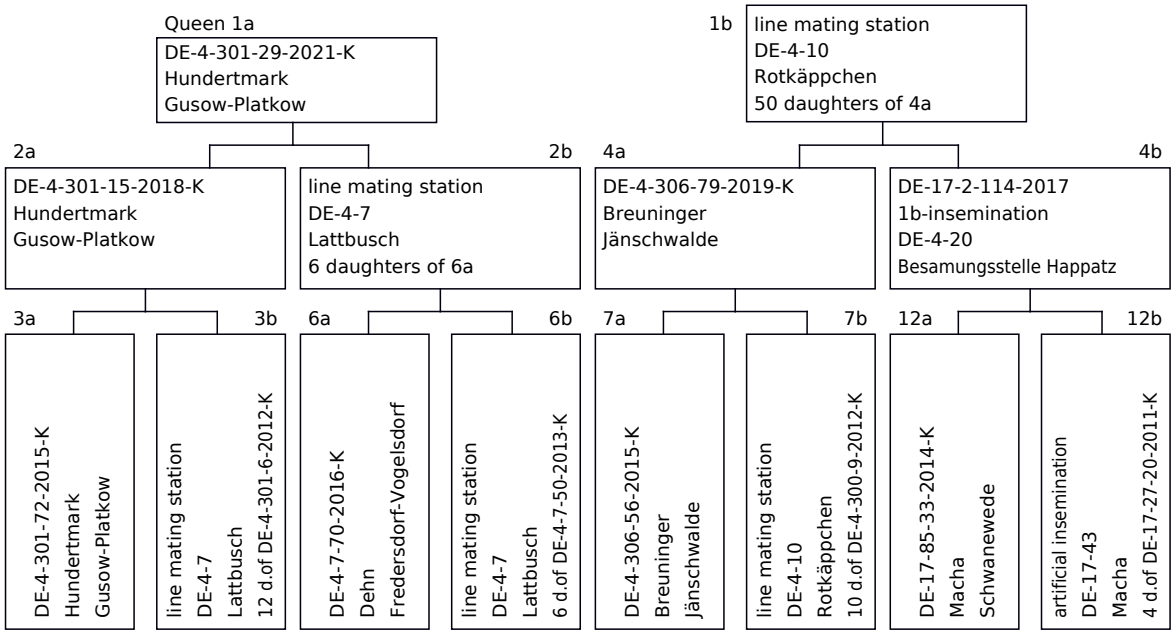
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-4-301-29-2021-K

Tester of the queen:	Hundertmark, Jürgen, 15306 Gusow-Platkow, DE-4-301, Apiary 1	
Breeder of the queen:	Hundertmark, Jürgen, 15306 Gusow-Platkow, DE-4-301	
1a Studbook number:	**DE-4-301-29-2021-K**	
		Daughters of
Race line: -11	Sign: white 29	Queen: 34.4%
Generation:	Hatch date: 08.06.2021	Workers: 0.7%

A. Pedigree



B. Own performance

	No. of the colony M 21			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	91.4	171.3	1	12	53.4

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	108	
Honey yield	-	112	0.6
Defensive behavior	3.70	111	0.69
Steadiness on comb	3.50	112	0.69
Swarming drive	4	107	0.61
Varroa	-	98	0.63
Performance index	-	112	0.6
Robustness in winter	3		
Development in Spring	3.50		
Colony strength	3.50		

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%.

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).

05.02.2024

For the correctness DE-4

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Performance of the sisters

Amount of checked sisters: 7

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 during	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-4-301-12-2021	DE-4-301	1	106	74.5	111	3.2	106	3	107	4	105	99	108
DE-4-301-29-2021-K	DE-4-301	1	108	91.4	112	3.7	111	3.5	112	4	107	98	112
DE-4-301-52-2021	DE-4-301	1	105	78.8	111	3.1	106	3	107	4	105	97	108
DE-4-301-53-2021	DE-4-301	1	106	81.7	111	3	106	3.2	108	4	105	98*	109
DE-4-301-54-2021	DE-4-301	1	106	81.3	111	3.5	108	3	108	4	105	98	109
DE-4-301-55-2021	DE-4-301	1	105	38.7	109	3	105	3	107	4	104	98	107
DE-4-306-77-2021	DE-4-306	1	97		105		94		93		93	97	95

Only one Varroa trait was recorded