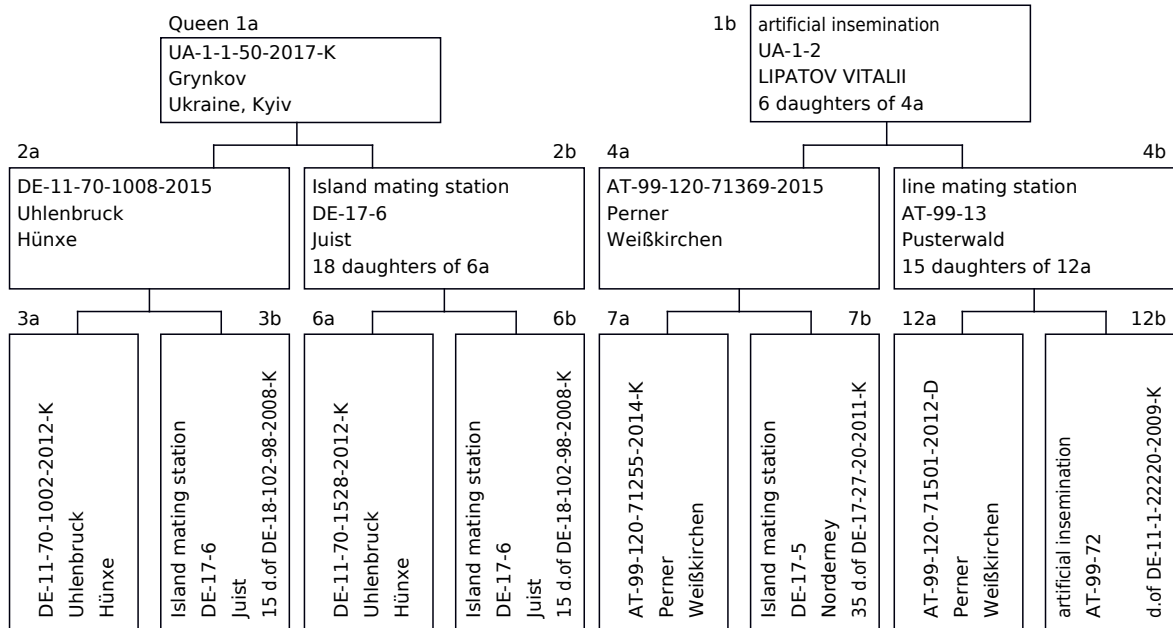


Breeding selection report

UA-1-1-50-2017-K

Tester of the queen:	Grynkov, Dmytro, 02125 Ukraine, Kyiv, UA-1-1, Apiary 3	
Breeder of the queen:	Grynkov, Dmytro, 02125 Ukraine, Kyiv, UA-1-1	
1a Studbook number:	UA-1-1-50-2017-K	
Race line: -CCU	Sign: yellow 50	Daughters of Queen: 8.4%
Generation: 1	Hatch date: 05.07.2017	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	
	59	108.4	4	7	54.4	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	108				
Honey yield	-	111				0.38
Defensive behavior	4.00	118				0.58
Steadiness on comb	4.00	118				0.58
Swarming drive	4.00	106				0.35
Varroa	-	92				0.32
Performance index	-	0				
Robustness in winter	3.80					
Development in Spring	3.70					
Colony strength	4.00					

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 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 UA-1-1-50-2017-K

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Performance of the sisters

Amount of checked sisters: 9

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 ndex
UA-1-1-50-2017-K	UA-1-1	3	108	59	111	4.0	118	4.0	118	4.0	106	92	
UA-1-1-76-2017	UA-1-1	4	116	67	109	4.0	114	3.8	114	4.0	103	113	
UA-1-1-81-2017-K	UA-1-1	4	105	76	118	4.0	112	3.7	111	4.0	103	89	
UA-1-1-74-2017	UA-1-2	1	106		104		109		109		102	(101)	
UA-1-1-79-2017	UA-1-2	1	112		122		112		111		104	(101)	
UA-1-1-84-2017	UA-1-2	1	110		119		110		109		104	(101)	
UA-1-1-77-2017	UA-1-3	2	113		120		116		115		104	(101)	
UA-1-1-83-2017	UA-1-3	2	108		123		104		105		103	(101)	
UA-1-1-73-2017	UA-1-4	5	109		106		115		113		102	(101)	