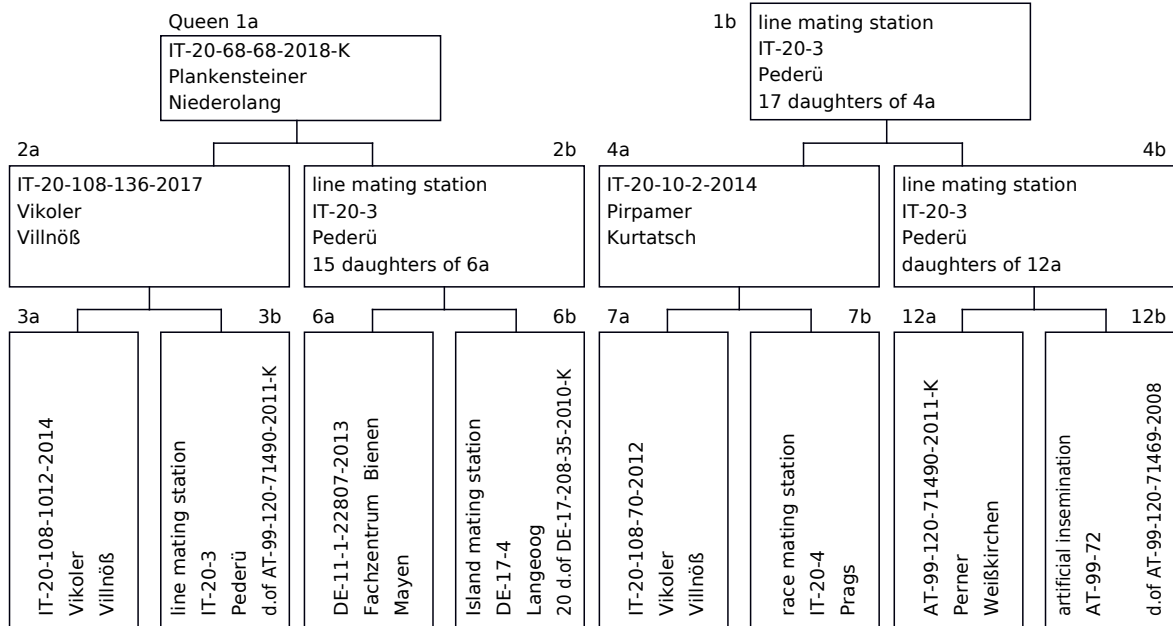


Breeding selection report

IT-20-68-68-2018-K

Tester of the queen:	Braun, Albert, Latzfons, IT-20-35, Apiary 1	
Breeder of the queen:	Plankensteiner, Walter, 39030 Niederolang, IT-20-68	
1a Studbook number:	IT-20-68-68-2018-K	
Race line: -carnica	Sign: red 07	Daughters of Queen: 0.1%
Generation:	Hatch date:	Workers: 3.0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 07			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	17.1	112.2	5	13	15.2	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	109	■			
Honey yield	-	109	■			0.39
Defensive behavior	3.60	107	■			0.49
Steadiness on comb	3.70	108	■			0.48
Swarming drive	4	105	■			0.34
Varroa	-	105	■			0.41
Performance index	-	108	■			0.38
Robustness in winter	3.50	70% 100% 170%				
Development in Spring	3.50					
Colony strength	3					

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 Av

Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

Breeding selection report IT-20-68-68-2018-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
IT-20-68-68-2018-K	IT-20-35	1	109	17.1	109	3.6	107	3.7	108	4	105	105	108
IT-20-68-72-2018	IT-20-50	1	107		110		108		inspection 109		106	100	110
IT-20-68-67-2018	IT-20-68	1	106		111		105		106		106	100	108
IT-20-68-1001-2018	IT-20-68	1	103		104		104		104		104	97	105
IT-20-68-1003-2018	IT-20-68	1	105		110		105		105		105	99	107
IT-20-68-70-2018	IT-20-110	1	103		106		102		105		105	98	105
IT-20-68-71-2018	IT-20-128	1	106		109		109		108		106	99*	109
IT-20-68-76-2018	IT-20-158	1	110		112		112		113		107	101	113
IT-20-68-73-2018	IT-20-163	1	107		112		108		109		106	100*	110
IT-20-68-75-2018	IT-20-163	1	106		109		107		107		105	100*	108
IT-20-68-69-2018	IT-20-245	1	109		113		110		110		106	101*	111

Only one Varroa trait was recorded