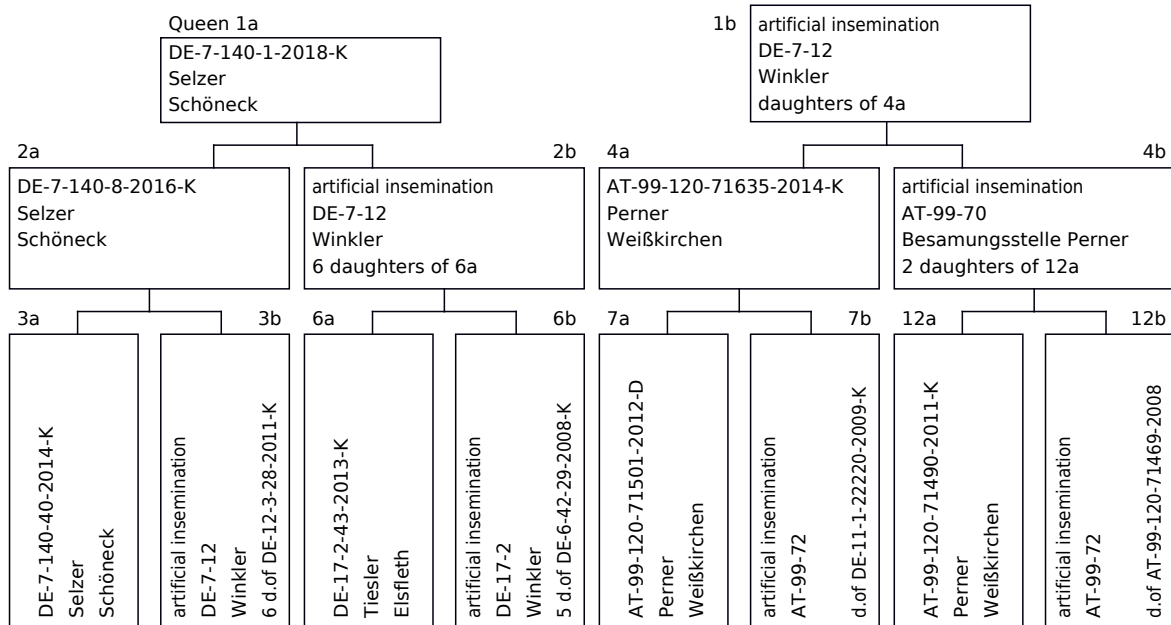


Tester of the queen: Selzer, Erich, 61137 Schöneck, DE-7-140, Apiary 1
 Breeder of the queen: Selzer, Erich, 61137 Schöneck, DE-7-140
1a Studbook number: **DE-7-140-1-2018-K**

Race line: -CAGT Sign: red 1/5 Daughters of Queen: 2.3%
 Generation: 14 Hatch date: 8.6.2018 Workers: 0.6%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 65			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	57	149.8	1	9	38.0
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	125			
Honey yield	-	121			0.4
Defensive behavior	3.50	124			0.51
Steadiness on comb	3.50	122			0.51
Swarming drive	4	122			0.39
Varroa	-	113			0.26
Performance index	-	124			0.46
Robustness in winter	3.50		70%	100%	170%
Development in Spring	3				
Colony strength	4				

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 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 DE-7-140-1-2018-K

Page 2

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	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-7-140-5-2018	DE-7-45	4	117		118							105	119
DE-7-140-1-2018-K	DE-7-140	1	125	57	121	3.5	124	3.5	122	4	122	113	124
DE-7-140-10-2018	DE-7-140	1	123	46.5	119	3	120	3.5	120	4	122	112	122
DE-7-140-12-2018	DE-7-140	1	120	32	117	3	120	3.5	120	4	122	108	121
DE-7-140-14-2018-K	DE-7-140	1	122	28	116	3.5	124	3.5	122	4	122	109	123
DE-7-140-15-2018-K	DE-7-140	1	127	53	122	4	131	4	129	4	122	113	130
DE-7-140-19-2018-K	DE-7-140	1	124	45.5	120	3.5	127	4	127	4	122	108	126