

Breeding selection report

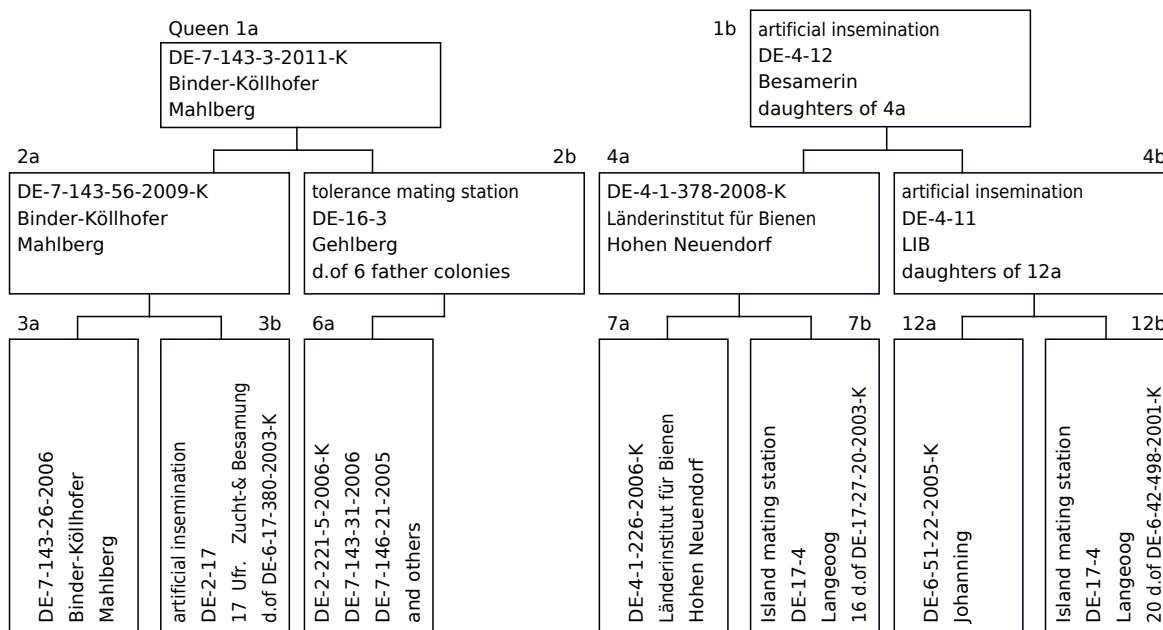
DE-7-143-3-2011-K

Tester of the queen: Scheele, Wolfgang, 34388 Trendelburg, DE-7-146, Apiary 1
Breeder of the queen: Binder-Köllhofer, Bruno, 77972 Mahlberg, DE-7-143
1a Studbook number: **DE-7-143-3-2011-K**

Race line: Sign: white 3
Generation: 6 Hatch date: 04.06.2011

Daughters of Queen: 0%
Workers: 0.5%

A. Pedigree



B. Own performance

3. Own performance	No. of the colony Volk 23			comparable colonies at the apiary						
	kg	%	Ranking	number	Yield average kg					
Performance test year	58.6	95	7	13	61.7					
	Assessment*	Breeding values								Reliability
Total breeding value ¹	-	127								
Honey yield	-	108							0.42	
Defensive behavior	3.50	119							0.61	
Steadiness on comb	3.50	116							0.64	
Swarming drive	4	108							0.41	
Varroa	-	133							0.52	
Performance index	-	0								
Robustness in winter	3	70%100%170%								
Development in Spring	3	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								
Colony strength	3.20									

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-7-143-3-2011-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	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-7-143-11-2011	DE-2-221	1	121		103		Behavior		109		106	131	
DE-7-143-19-2011-K	DE-2-221	1	107		108		112		112		116	96	
DE-7-143-3-2011-K	DE-7-146	1	127	58.6	108	3.5	119	3.5	116	4	108	133	
DE-7-143-25-2011	DE-7-165	1	106		104		107		107		110	101	
DE-7-143-26-2011	DE-7-165	1	103		101		103		102		107	101*	
DE-7-143-14-2011	DE-7-312	2	111		104		117		116		104	105*	
DE-7-143-17-2011-K	DE-7-312	2	120		125		119		119		125	105	

Only one Varroa trait was recorded