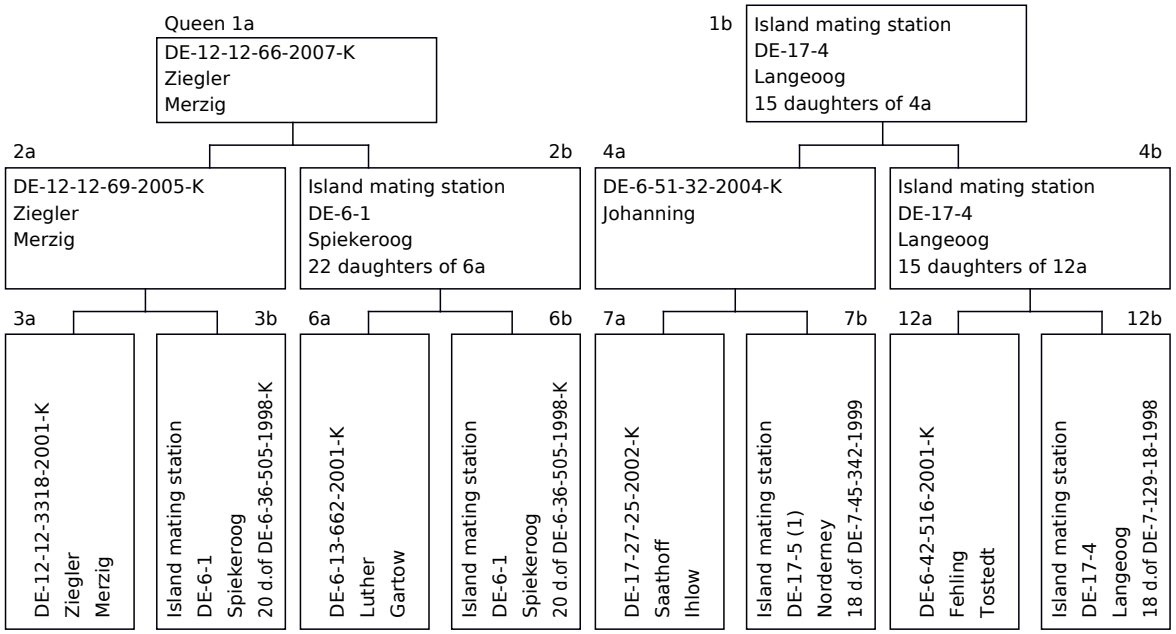
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-12-12-66-2007-K

LANDESVERBAND SAARLÄNDISCHER IMKER E.V.

Tester of the queen:	Ziegler, Heinz, 66663 Merzig, DE-12-12, Apiary 4	
Breeder of the queen:	Ziegler, Heinz, 66663 Merzig, DE-12-12	
1a Studbook number:	**DE-12-12-66-2007-K**	
		Daughters of
Race line: -1	Sign: yellow 66	Queen: 9.8%
Generation: 1	Hatch date: 13.6.2007	Workers: 0%

A. Pedigree



B. Own performance

	No. of the colony 4			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	58.5	134.4	1	43	43.5

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	130	
Honey yield	-	124	0.5
Defensive behavior	3.70	132	0.67
Steadiness on comb	3.70	132	0.69
Swarming drive	4	123	0.49
Varroa	-	116	0.57
Performance index	-	0	
Robustness in winter			
Development in Spring			
Colony strength			

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 Av

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

23.04.2009

For the correctness DE-12

Breeding selection report DE-12-12-66-2007-K

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Performance of the sisters

Amount of checked sisters: 20

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 inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-12-12-60-2007	DE-11-94	2	90		94		88		88		88	96	
DE-12-12-61-2007	DE-11-94	2	112		113		109		109		107	108	
DE-12-12-59-2007	DE-11-94	3	108		108		117		118		109	96	
DE-12-12-49-2007	DE-12-12	4	101	40.5	97	2.7	97	2.7	96	4	100	105	
DE-12-12-51-2007	DE-12-12	4	101	39.4	97	2.8	98	2.7	97	4	100	105	
DE-12-12-52-2007	DE-12-12	4	101	42.1	100	2.9	101	2.9	101	4	104	99	
DE-12-12-57-2007-K	DE-12-12	4	131	54.6	119	3.7	130	3.6	129	4	119	123	
DE-12-12-58-2007	DE-12-12	4	128	55.2	119	3.7	128	3.5	127	4	119	118	
DE-12-12-63-2007	DE-12-12	4	98	46	103	2.8	99	2.8	100	4	106	93	
DE-12-12-64-2007	DE-12-12	4	131	55.6	120	3.7	130	3.6	129	4	119	122	
DE-12-12-65-2007	DE-12-12	4	114	49.1	108	3	104	3	103	4	104	119	
DE-12-12-66-2007-K	DE-12-12	4	130	58.5	124	3.7	132	3.7	132	4	123	116	
DE-12-12-67-2007	DE-12-12	4	112	48.6	107	3	104	3	103	4	104	117	
DE-12-12-68-2007	DE-12-12	4	113	49.9	109	3	104	3	103	4	105	117	
DE-12-12-69-2007	DE-12-12	4	100	45.4	104	3	104	3	105	4	109	91	
DE-12-12-71-2007	DE-12-12	4	103	45.3	103	2.8	100	2.9	100	4	104	102	
DE-12-12-72-2007	DE-12-12	4	100	44.3	102	2.9	101	2.9	102	4	106	97	
DE-12-12-78-2007	DE-12-12	4	113	49.1	108	3	103	2.9	102	4	103	120	
DE-12-12-80-2007	DE-12-12	4	102	41	98	2.7	97	2.7	96	4	100	108	
DE-12-12-81-2007	DE-12-12	4	102	41.9	99	2.8	98	2.7	97	4	101	105	