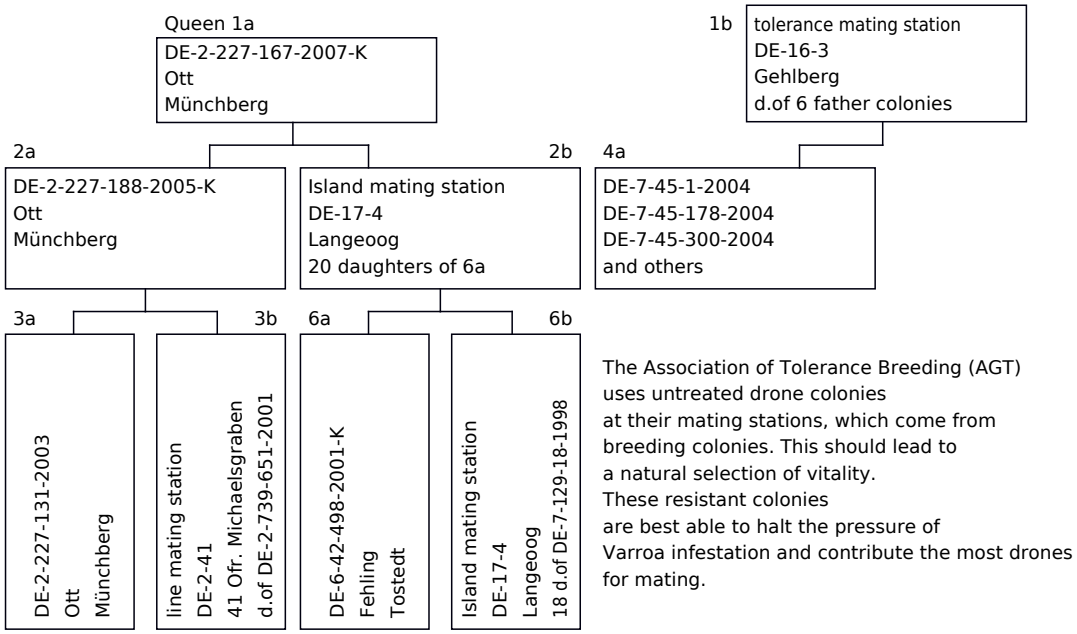
Breeding selection report
DE-2-227-167-2007-K

DEUTSCHER IMKERBUND E.V.

LVBI

Tester of the queen:	Ltg. Achim Fuchs, Prüfhof Kringell, 94116 Hutthurm, DE-2-502, Apiary 2	
Breeder of the queen:	Ott, Alfred, 95213 Münchberg, DE-2-227	
1a Studbook number:	**DE-2-227-167-2007-K**	
		Daughters of
Race line: -1	Sign: yellow 67	Queen: 0%
Generation: 4	Hatch date: 29.5.2007	Workers: 0%

A. Pedigree



The Association of Tolerance Breeding (AGT) uses untreated drone colonies at their mating stations, which come from breeding colonies. This should lead to a natural selection of vitality. These resistant colonies are best able to halt the pressure of Varroa infestation and contribute the most drones for mating.

B. Own performance

	No. of the colony 2209			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	9.7	89.1	36	57	10.9

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	103	
Honey yield	-	100	0.41
Defensive behavior	3.50	102	0.65
Steadiness on comb	3.50	101	0.67
Swarming drive	4	102	0.4
Varroa	-	105	0.53
Performance index	-	0	
Robustness in winter	2		
Development in Spring	3		
Colony strength	3		

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.

29.04.2009

For the correctness DE-2

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Performance of the sisters

Amount of checked sisters: 10

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-2-227-756-2007	DE-2-227	1	99		118		100		103		115	84	
DE-2-227-787-2007	DE-2-227	1	100		102		99		99		106	(99)	
DE-2-227-788-2007	DE-2-227	1	102		103		99		98		107	(101)	
DE-2-227-174-2007	DE-2-501	1	112		109		111		110		115	107	
DE-2-227-177-2007	DE-2-501	1	92		100		98		99		99	86	
DE-2-227-167-2007-K	DE-2-502	2	103	9.7	100	3.5	102	3.5	101	4	102	105	
DE-2-227-169-2007-K	DE-2-502	2	101	17.8	108	3.4	93	3	93	4	100	104	
DE-2-227-170-2007	DE-2-502	2	97	6.2	93	3.4	92	3	91	4	95	105	
DE-2-227-171-2007	DE-2-502	2	81	6.2	92	3.1	87	3	89	4	98	76	
DE-2-227-172-2007	DE-2-502	2	103	13.6	104	3.5	97	3.2	97	4	100	107	