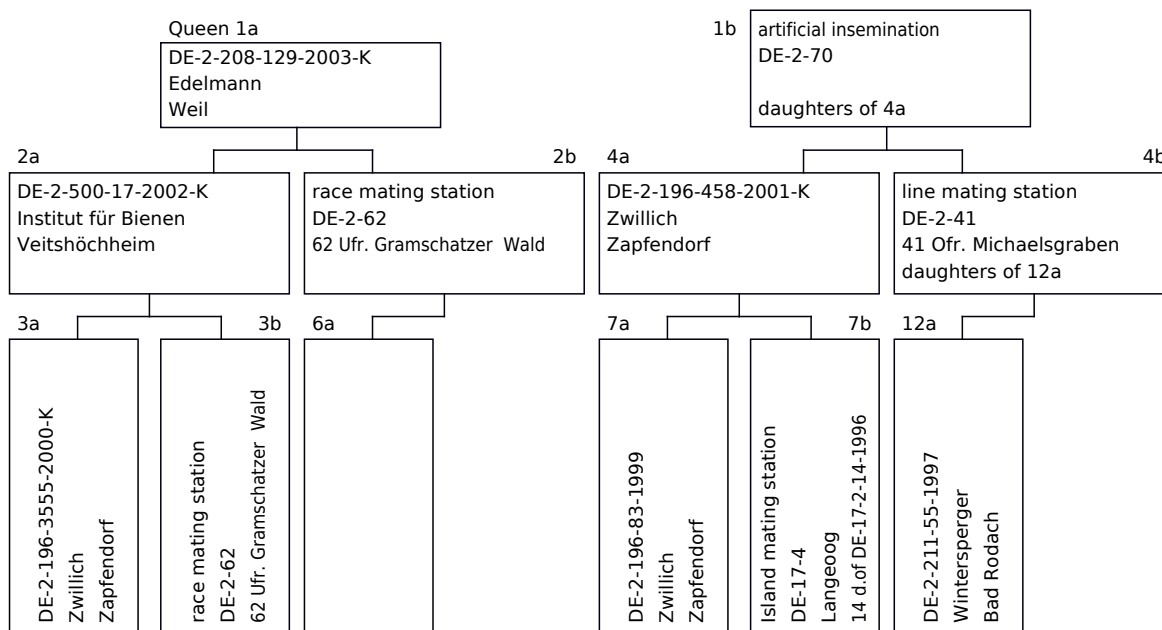


Tester of the queen: Edelmann, Dieter, 86947 Weil, DE-2-208, Apiary 1
 Breeder of the queen: Edelmann, Dieter, 86947 Weil, DE-2-208
1a Studbook number: **DE-2-208-129-2003-K**

Race line: -3 Sign: red Daughters of Queen: 0%
 Generation: Hatch date: Workers: 0.3%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	65.5	112.2	2	26	58.4	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	104	■			
Honey yield	-	108	■			0.47
Defensive behavior	4	101	■			0.66
Steadiness on comb	4	102	■			0.68
Swarming drive	4	104	■			0.46
Varroa	-	(102)	■			0.34
Performance index	-	0				
Robustness in winter			70%	100%	170%	
Development in Spring						
Colony strength						

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 A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

Breeding selection report DE-2-208-129-2003-K

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Performance of the sisters

Amount of checked sisters: 86

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-2-359-59-2003	DE-2-35	1	92		96		Behavior		drag		drag	(96)	
DE-2-359-60-2003	DE-2-35	1	89		90		92		inspection		85	(94)	
DE-2-359-62-2003	DE-2-35	1	93		93		98		99		88	(96)	
DE-2-359-64-2003	DE-2-35	1	90		90		95		95		86	(94)	
DE-2-359-66-2003	DE-2-35	1	95		95		98		99		89	(97)	
DE-2-359-68-2003	DE-2-35	1	94		94		95		95		103	(94)	
DE-2-359-69-2003	DE-2-35	1	90		91		92		93		85	(94)	
DE-2-359-70-2003	DE-2-35	1	94		96		96		97		88	(97)	
DE-2-70-11-2003	DE-2-70	1	98		104		102		104		87	(98)	
DE-2-70-13-2003	DE-2-70	1	97		99		102		104		87	(98)	
DE-2-70-15-2003	DE-2-70	1	94		96		96		97		93	(96)	
DE-2-70-16-2003	DE-2-70	1	101		100		105		106		98	(98)	
DE-2-70-19-2003	DE-2-70	1	100		107		100		102		98	(98)	
DE-2-70-20-2003	DE-2-70	1	101		106		102		103		98	(98)	
DE-2-70-28-2003	DE-2-70	1	98		102		101		102		97	(96)	
DE-2-70-30-2003	DE-2-70	1	98		94		107		108		82	(100)	
DE-2-131-73-2003	DE-2-131	1	90		90		94		95		88	(93)	
DE-2-131-74-2003	DE-2-131	1	101		93		108		109		96	(100)	
DE-2-131-75-2003	DE-2-131	1	94		94		97		97		91	(97)	
DE-2-131-77-2003	DE-2-131	1	94		93		97		97		91	(97)	
DE-2-131-79-2003	DE-2-131	1	84		88		85		86		84	(90)	
DE-2-131-80-2003	DE-2-131	1	78		85		75		75		80	(90)	
DE-2-196-878-2003	DE-2-196	1	97		100		98		99		93	(97)	
DE-2-196-879-2003	DE-2-196	1	86		84		90		91		85	(92)	
DE-2-196-880-2003	DE-2-196	1	84		81		88		89		84	(91)	
DE-2-196-881-2003	DE-2-196	1	87		89		89		90		86	(92)	
DE-2-196-882-2003	DE-2-196	1	88		97		87		88		87	(92)	
DE-2-196-884-2003	DE-2-196	1	87		84		91		91		85	(93)	
DE-2-196-885-2003	DE-2-196	1	96		99		98		99		92	(97)	
DE-2-196-886-2003	DE-2-196	1	82		81		86		86		82	(90)	
DE-2-200-114-2003	DE-2-200	1	98		97		102		103		89	(99)	
DE-2-200-115-2003	DE-2-200	1	89		93		89		90		91	(93)	
DE-2-200-116-2003	DE-2-200	1	95		93		99		100		95	(95)	
DE-2-200-117-2003	DE-2-200	1	82		94		81		82		75	(91)	
DE-2-200-118-2003	DE-2-200	1	88		92		88		88		90	(93)	
DE-2-200-119-2003	DE-2-200	1	89		90		93		94		84	(94)	
DE-2-200-120-2003	DE-2-200	1	84		93		84		86		76	(92)	
DE-2-200-122-2003	DE-2-200	1	99		91		104		104		97	(98)	
DE-2-203-62-2003	DE-2-203	1	93		95		93		94		93	(95)	
DE-2-203-74-2003	DE-2-203	1	113		121		115		117		99	(106)	
DE-2-203-76-2003	DE-2-203	1	94		96		99		101		81	(97)	
DE-2-203-80-2003	DE-2-203	1	98		101		100		101		97	(97)	
DE-2-203-83-2003	DE-2-203	1	92		85		98		99		92	(94)	
DE-2-203-84-2003	DE-2-203	1	87		77		94		94		88	(93)	
DE-2-203-86-2003	DE-2-203	1	98		95		102		103		96	(97)	
DE-2-203-87-2003	DE-2-203	1	92		82		100		101		92	(94)	
DE-2-203-93-2003	DE-2-203	1	94		93		101		102		82	(97)	
DE-2-204-140-2003	DE-2-204	1	85		85		86		86		90	(91)	
DE-2-204-147-2003	DE-2-204	1	82		80		89		90		77	(89)	
DE-2-204-150-2003	DE-2-204	1	102		107		104		106		92	(101)	
DE-2-204-160-2003	DE-2-204	1	100		100		102		102		101	(98)	
DE-2-204-170-2003	DE-2-204	1	82		87		85		87		73	(90)	

DE-2-204-173-2003	DE-2-204	1	89		88		94		95		82	(94)	
DE-2-204-175-2003	DE-2-204	1	105		109		108		109		90	(103)	
DE-2-204-176-2003	DE-2-204	1	101		105		104		105		91	(100)	
DE-2-208-123-2003	DE-2-208	1	96	60	96	4	100	4	102	3	88	(97)	
DE-2-208-124-2003	DE-2-208	1	96	60	96	4	100	4	102	3	88	(97)	
DE-2-208-125-2003	DE-2-208	1	86	57.5	91	3.8	90	4	91	3	82	(91)	
DE-2-208-126-2003	DE-2-208	1	66	40.5	63	3.6	73	3.6	74	3	67	(81)	
DE-2-208-127-2003	DE-2-208	1	83	55	86	3.8	86	3.8	87	3	79	(90)	
DE-2-208-128-2003	DE-2-208	1	86	57	90	3.8	90	4	91	3	81	(90)	
DE-2-208-129-2003-K	DE-2-208	1	104	65.5	108	4	101	4	102	4	104	(102)	
DE-2-208-130-2003	DE-2-208	1	94	57	92	4	100	4	101	3	87	(96)	
DE-2-362-134-2003	DE-2-362	1	99		93		103		103		97	(99)	
DE-2-362-136-2003	DE-2-362	1	92		91		97		98		92	(93)	
DE-2-362-137-2003	DE-2-362	1	94		86		102		103		81	(98)	
DE-2-362-139-2003	DE-2-362	1	97		89		103		103		96	(98)	
DE-2-362-140-2003	DE-2-362	1	88		98		90		92		78	(94)	
DE-2-362-142-2003	DE-2-362	1	101		93		109		109		99	(99)	
DE-2-362-144-2003	DE-2-362	1	101		99		104		104		99	(100)	
DE-2-362-145-2003	DE-2-362	1	86		91		89		91		76	(93)	
DE-2-602-132-2003	DE-2-602	1	88		88		90		91		86	(93)	
DE-2-602-151-2003	DE-2-602	1	97		95		100		101		92	(98)	
DE-2-602-152-2003	DE-2-602	1	91		97		91		92		89	(95)	
DE-2-602-153-2003	DE-2-602	1	97		98		101		101		93	(98)	
DE-2-602-154-2003	DE-2-602	1	95		97		98		99		91	(96)	
DE-2-602-155-2003	DE-2-602	1	89		87		91		91		86	(94)	
DE-2-602-156-2003	DE-2-602	1	85		94		84		86		84	(90)	
DE-2-602-157-2003	DE-2-602	1	85		92		86		87		84	(91)	
DE-2-604-85-2003	DE-2-604	1	85		92		84		86		85	(90)	
DE-2-604-86-2003	DE-2-604	1	95		95		102		103		78	(99)	
DE-2-604-87-2003	DE-2-604	1	93		95		94		95		91	(95)	
DE-2-604-88-2003	DE-2-604	1	98		100		103		104		85	(99)	
DE-2-604-89-2003	DE-2-604	1	85		91		83		83		85	(92)	
DE-2-604-90-2003	DE-2-604	1	92		94		95		96		81	(98)	
DE-2-604-92-2003	DE-2-604	1	95		91		99		99		92	(97)	