

## **Measures to steer the breeding within the responsibility of Rassezuchtverein der Kromfohrländer (RZV)**

The objective of breeding of the RZV is to breed dogs that meet the standard and are free from hereditary diseases.

For this purpose the Extended Board released, according to §32.2 of statute, the following **Steering Measures for Breeding**:

### **Breeding animals not living in Germany or Switzerland**

For breeding animals not living in Germany or Switzerland the following is valid: The animal must have a breeding license granted by a FCI-authorized institution. The extended board of RZV will examine each breeding intention of the animal in question as to whether or under which conditions the breeding authorization for the planned breeding operation is acknowledged.

For examination by the Extended Board a submission (German or English) of the following documents is mandatory:

- one copy of the pedigree
- one copy of the breeding license
- result of the health check according to the specification of the RZV including teeth status
- meaningful pictures of body left and right plus front view
- records of the health status of the animal, parents, grandparents and their direct posterity

The breeder intending to submit a declaration of intent of breeding to RZV has to procure and submit the aforementioned proofs.

The existing agreement with the Swiss club is not affected by this regulation.

### **Number of coverings**

A male dog may produce a maximum of 6 (six) litters within the German / Swiss population and a maximum of 3 (three) litters within other FCI populations.

From the age of 2 (two) years onwards a male dog may produce a maximum of 3 (three) litters of live puppies registered in the stud book of Rassezuchtverein der Kromfohrländer e.V. and/or of Schweizer Kromfohrländer Club within 24 months. Thereof only 1 litter is allowed in the 3rd year of life (the reference date is the mating day). For all other cover jumps the deadline is the date of birth of the litter.

After the completed 8th (eighth) year of the male dog the time limits are no longer applicable.

On request the Extended Board decides on additional coverings.

At any time the Extended Board may suspend additional coverings if there is any reasonable suspicion to believe that the male would inherit undesirable characteristics (e.g., illnesses, weaknesses, deviations from the standard, etc.) or his continued use comprises risks for the future population.

## Criteria for the processing of breeding requests by the breeding committee

The repetition of a mating will only be agreed upon in exceptional cases. No consent will be granted if the puppies of the first litter are still younger than 18 months at the date of the request.

The following matings are will not be agreed upon:

1. smooth-short x smooth-short
2. light born x light born
3. If both partners differ in the same way from the standard (for example, hair too long, missing teeth, coat, narrow blessing, etc.) even if mating stipulations have not been explicitly defined in the breeding licensing.  
If a mating partner has more than one missing tooth the teeth off he partner must be complete (missing M3 might be disregarded).
4. If there are health risks of the same type on both sides
5. As a rule, a mating can be agreed if the inbreeding coefficient over 5 generations (IK5) does not exceed the limit of 2.95 % and the parent animals until the second generation have no common ancestors.

The calculation of the IK is carried out using the Wright formula:

$$F_I = \sum \left(\frac{1}{2}\right)^{n_1+n_2+1} \cdot (1 + F_{A_i})$$

$n_1$ = Number of generations from father to common ancestor

$n_2$ = Number of generations from mother to common ancestor

$F_{A_i}$ = Inbreeding coefficient of the common ancestor

Ancestors beyond the fifth generation are disregarded.

If it serves the higher good of the breed, the breeders committee may deviate from the rule in borderline and doubtful cases.

## Breeding exclusion in case of hereditary diseases

Animals which are affected by hereditary diseases are in no case allowed for breeding. These include e.g. Epilepsy, hereditary ball disease, hereditary eye diseases and other scientifically proven hereditary diseases.

### Patellaluxation:

Dogs with Patellaluxation are not allowed for breeding.

For animals permitted for breeding before 31.12.2013 the following rule shall apply:

Dogs with PL degree 1 may only be mated with dogs with PL degree 0 (free).

### **Cystinuria:**

Male dogs affected by the metabolic disorder cystinuria with cystine stones / cystine crystals are excluded from breeding.

According to the current state of knowledge the metabolic disorder cystinuria occurring among the race Kromfohrländer is testosterone dependent and currently only males are affected. Furthermore currently no reliable findings on heredity are available.

As an important health precaution the RZV strongly recommends an annual sediment examination of the urine of the males (see also "Leaflet Cystinuria") to the owners.

### **Hereditary football Hyperkeratosis (HFH), former Corny feet:**

HFH carriers may only be mated with HFH-free animals. If a breeding animal is HFH carrier, each pairing partner applied for must be HFH-free.

Evidence is provided by a genetic test approved by the RZV.

### **Genotype method:**

The genotype method was introduced to fight epilepsy. The limiting risk value of the animals to be mated is laid down in the control plan for epilepsy (currently  $R = 0.0700$ ).

If the animal's health and their family environment are not sufficiently known, the P-value in the genotype list is set to 0.5000.

If a mating partner has a genotype estimate value of 0.5 or worse at the time of the covering the puppies from this pairing may not be used in breeding before the age of three years.

The contents of the genotype list and epilepsy control plan are components of the steering measures for breeding.

***The club statutes, licensing regulations, breeding regulations, other regulations and decisions of the Board shall remain unaffected and shall take precedence.***

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translated from valid German document