



KWPN REPRODUCTIVE SYSTEM AND SEMEN EVALUATION

PROCEDURE

An examination of the reproductive system and a semen evaluation must be done in the year a stallion is presented for approval, regardless of age or previous evaluations.

- The examination must take place at a Veterinary Teaching Hospital or a hospital/clinic that is on a par with a veterinary teaching hospital and specializes reproduction.
- A stallion may only be presented after both testicles have dropped normally. Even when the stallion is excited, both testicles must be present in the scrotum.

AGE

- **A semen evaluation may done after September 1st of the two-year-old year.**

EVALUATION

- The reproductive system and semen will be evaluated on the position of the testicles in the scrotum area, size and shape.
- Testicles must be similar in size and appearance. One testicle may not deviate more than 50% from the other. For example, if one testicle is 6x5x4 cm (120 cm³), the other may not be smaller than 5x4x3 (60 cm³).
- A stallion evaluation includes two semen collections one hour apart. The Society for Theriogenology form should be used to record the results.
- Each of the two ejaculates must be evaluated for volume, motility, concentration and total sperm numbers.
- The completed Society for Theriogenology form must be mailed to the KWPN-NA office and be forwarded to Holland for evaluation. Semen will be classified as good, sufficient, moderate and insufficient.
- The stallion meets the semen requirements he is classified as good, sufficient or moderate. • If a stallion is classified as insufficient the semen evaluation may be repeated. The KWPN will use the better of the two evaluations
- The semen classification of approved stallions will be published.

Fertility class	Motility	% Live cells	% Normal cells
Good	>2500	>70	>70
Sufficient	2000-2500	50-70	50-70
Moderate	1000-1999	30-49	30-49
Insufficient	<1000	<29	<29

RE-EVALUATION

- If the owner does not agree with the results of the evaluation by the committee, they may request a re-evaluation. The request must be made in writing and must be submitted within one month of the receipt of the results. The re-evaluation will be done by a separate committee. A new semen evaluation will be done for the re-evaluation.
- The KWPN may request annual semen evaluations on a stallion when deemed necessary.