



INTERNATIONAL CANINE SEMEN BANK  
ICSB – KNOXVILLE, TN  
Village Veterinary Medical Center  
11301 Kingston Pike  
Knoxville, TN 37934  
865-966-8900  
[www.villagevetclinic.com](http://www.villagevetclinic.com)

## **ICSB FERTILITY SUPPLEMENT (CF-PLUS)**

The ICSB Fertility Supplement (CF-Plus\*) was originally marketed as a very effective arthritis medication for dogs. We, at International Canine Semen Bank, have used it on occasion in dogs that have had reproductive problems exhibited by soft testes and low sperm count in the male, or abnormal estrous cycles in the female. It has been effective in treating many cases of low sperm counts and abnormal estrous cycles. We're not sure just what the mechanism is that causes improvement in dogs' seminal output. Possibly the trace mineral, zinc, may play a major role in the improvements seen.

The CF-Plus may not work in all cases, but dogs exhibiting small, soft testes, and still showing some sperm production in the ejaculate, are good candidates for this treatment. In many cases with which we have worked, testicular size and tone both increased, which resulted in increased sperm quantity and quality. In the female, abnormal estrous cycles, such as silent or weak estrous cycle, or split heats may be corrected with the use of the CF-Plus.

The routine treatment we follow in the male is to first, establish the baseline sperm quantity and quality, which requires one or two semen collections. We then give a dosage of 1 tablet CF-Plus for each 15 pounds body weight. The dosage should be divided and one-half given in the morning and one-half in the evening. In the female, if the estrous cycle is abbreviated or extended, or not a true estrus, we administer the same dosage as we would for the male. Most animals will eat the tablets as a treat. Normal length of treatment in the male is 90 days, followed by a recheck of the sperm quantity and quality. If no improvement is seen, there is no need to continue the treatment. In the female, the CF-Plus should be given about 60 to 90 days before her next estrous cycle. If significant improvement is observed, then a maintenance level of the CF-Plus is usually administered, consisting of one-half the recommended dosage per day. Please call, write, or e-mail us if you have any questions.

\* CF-Plus contains extracts of green-lipped mussel (*Perna caniculus*), Brewer's yeast and alfalfa.