

**OVERVIEW OF RAINBOW TROUT BROODSTOCK MANAGEMENT AND
EGG PRODUCTION TECHNIQUE
AT ENNIS NATIONAL FISH HATCHERY^{AFS}**

Sean H. Henderson
Ennis National Fish Hatchery
180 Fish Hatchery Rd., Ennis, MT 59729
sean_henderson@fws.gov

It isn't often that two broodstock fish culturists from different facilities cross paths. Most techniques utilized at any given facility are a result of shared ideas but also, often, the result of practical inspiration formed out of ingenuity and trial and error. Over the last twenty years there have been several important advances in broodstock management, spawning, and egg handling methods. Many of these ideas have either been adopted or developed at Ennis National Fish Hatchery. What follows is a survey of methods and techniques currently applied at Ennis National Fish Hatchery and include four significant aspects of broodstock management: Genetics, Nutrition, Egg Handling/ Incubation and a review of Spawning Technique. It is hoped that through sharing information some of the above mentioned ideas will provide material for other broodstock/ production facilities and vice versa.