

## **Comparing Preloaded PIT Tag Single Use Injectors to Multiple Use PIT Injectors**

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The concept of using a pre-loaded single use injector in the Columbia Basin was first requested by the PIT tag steering committee in 2002. Biomark developed a pre-loaded single use injector system in 2008. The next year, large scale testing and product improvement occurred. In 2010, approximately 1,050,500 fish were tagged with single use injectors, accounting for 43% of the total fish tagged with PIT tags in the Columbia Basin. Decreases in mortality and shedding were observed. Wound healing was documented to be faster. Labor at tagging sites was reduced by as much as 50% resulting in project cost reduction.