

**State Veterinarian Report to the
Wyoming Brucellosis Coordination Team**
Submitted by: Dr. Jim Logan
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Wyoming Livestock Board veterinary staff currently has two designated Brucellosis affected herds under quarantine since the fall of 2015. One is in Park County and the other in Sublette. These herds will remain under quarantine until they have had three consecutive, negative, whole-herd tests with at least one being post-calving.

The Park County herd has undergone two consecutive, negative, whole-herd tests and will undergo further testing post-calving in July. If the July test is negative, we will release the quarantine on that herd. This herd had only one Brucellosis reactor which was found in October 2015.

The Sublette County herd originally had 11 reactor animals and, following their removal, the herd had one negative, whole-herd test in January. Unfortunately, two additional reactor cows were found in the second whole-herd test in March, so the requirement for three, consecutive, negative tests starts anew. It is expected that the next herd test will be after calving. We will work with the producer within state and federal rules to try to facilitate grazing management this summer.

We have been fortunate to have the valued assistance of the Wyoming State Veterinary Laboratory (WSVL) in the diagnostic work on both brucellosis cases. The lab has purchased all reactor animals and performed complete necropsies and tissue cultures as part of a research project. The regulatory serology unit of the WSVL continues to provide excellent service for our Wyoming producers and veterinarians in testing brucellosis samples and getting results quickly and accurately. We have also been fortunate to have the good cooperation of USDA APHIS in dealing with the epidemiology of these cases.

We are still encouraging producers and veterinarians to have cattle from Big Horn and Sheridan counties tested prior to a change of ownership. Since January 1, 2015, 185 producers have tested a total of 3,263 head.