

the more pathogenic types. While Strain 19 has offered a very useful and valuable aid in controlling brucellosis it has not been entirely satisfactory. Vaccinated animals may become infected when they are exposed to a large number of virulent organisms. Dr. Huddleson has recently developed a variant type of *Brucella abortus* which may prove a great value in controlling this disease.

In summarizing this discussion one might go as far as to say that if the cattlemen and swinemen will buy only animals negative to the agglutination test they will save themselves a great deal of trouble.

Further it has been established that calf vaccination with Strain 19 is of high prophylactic value, but that clinical brucellosis may follow vaccination.

It is suggested from many investigations that every effort should be made to prevent a herd from becoming infected with brucellosis and that in the event infection does take place that a combination of the preventive hygiene and vaccination be utilized.

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