



2018-138 Managing calves before arrival at the feedlot to reduce infectious disease, antimicrobial use & resistance: What is it worth & An Interactive Tool to Inform Johne's Disease Control in Beef Herds: What Test, When and How Often

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Dynamic computer models can assess a number of different management practices, and have been used to determine best practices to achieve water quality, medical practices, and oil and gas refineries. The purchase of the dynamic modelling computer allows researchers to assess different management practices on cow-calf farms, and their impacts on treatment rates for disease, antibiotic use, resistance, and costs of production for the feedlots. It will also be used to further investigate best practices surrounding Johne's disease.