

**MIGRATING ICAR'S GUIDELINES TO A WIKI**

Bruce Golden<sup>1</sup>, Robert Banks<sup>2</sup>, Andrew Cromie<sup>3</sup>, Martin Burke<sup>4</sup>.

<sup>1</sup>Retired, Lacey, WA, United States; <sup>2</sup>Retired, Tasmania, Australia; <sup>3</sup>Sexing Technologies, Gouda, Netherlands; <sup>4</sup>ICAR, Utrecht, Netherlands.

ICAR has developed twenty-two, high-quality guidelines and standards documents covering data collection and utilization procedures for various livestock species. These have been made available primarily as PDF documents through ICAR's website. Migrating these documents to a wiki would make it easier to add content, search for information, share the guidelines, track changes, and translate the guidelines into other languages. Additionally, and perhaps most significantly, it would allow for more collaboration by making it easier for multiple authors to develop the content from a single source. Here we discuss a prototype wiki of the ICAR Guidelines for Beef Cattle Production. This project was undertaken by ICAR to explore the feasibility and best practices for organizing the Guidelines into a wiki. The ultimate objective of the project is to migrate the content of all twenty-two Guidelines PDF documents into a single interlinking wiki in such a way as to maximize a wiki's advantages. The prototype was developed using the open source MediaWiki version 1.39 software on a small footprint virtual machine running Ubuntu 22.04. The first step in the process was to organize the content from the Guidelines for Beef Cattle Production. This was completed in Spring 2023. The next steps will include developing teams to facilitate transferring the content of the remaining twenty-one documents of the ICAR Guidelines. Finally, content experts are anticipated to document new and evolving procedures (e.g., sustainability traits) and interlinks. In addition to content expansion and organization, the teams will need to consider issues including content licensing, content approval and review, conflict resolution procedures, and attribution credit. The project is anticipated to take several years and require the participation of the global livestock scientific community.