

RE-EVALUATION OF NUTRIENT REQUIREMENTS FOR RUMINANTS IN EGYPT

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The report highlights on the importance of re-establishment of standard tables for livestock in Egypt. Nutrient requirements for animals had not been re-evaluated for long time. Meanwhile, the international standards like NRC or ARC are renewed every few years. Requirements including maintenance, pregnancy, milk production and growth for cows, buffaloes, sheep, goats and camels could be quantified either from field experiments which were already designed for this purpose or by manipulation of the accumulated results of non specific nutritional studies for more than 50 years. Yet, standard methodology should be adopted.

Precise feeding standards could help in research standardization, good planning, lead to proper feeding systems, optimize the management of feed resources.

The objectives of this report are to suggest methodologies and to stimulate intensive research to update the nutrient requirements for livestock in Egypt.