

THE TECHNOLOGY

Ruminants are utilized to convert feed nutrients to human food under widely varying conditions around the world and are a major source of human food nutrients. The goals of improving ruminant nutrition are to improve productivity, reduce resource use, and protect the environment. The Cornell Net Carbohydrate Protein System can predict requirements, feed utilization, animal performance, and nutrient excretion, for dairy and beef cattle and sheep. The system uses accumulated knowledge about feed composition, digestion, and metabolism in supplying nutrients to meet requirements.

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THE PRODUCT

NDS Professional

NDS Professional is a computer platform designed to support field nutritionists, helping them with nutrition management and "on-site" decision making. NDS Professional is developed in an object-oriented design and based on the most advanced new generation of .NET technology. It is characterized by an easy to use interface, allowing users to minimize the inputs required and simplify all data entry. This software is unique in its capability to run simultaneous non-linear optimization on objectives.