

Release Notes for AminoCow 3.5.2

AminoCow version 3.5.2 is now available as a free download for AminoCow 3.5 or 3.5.1 users. AminoCow 3.5.2 introduces several features and several structural changes that will make it easier to manage your rations and provide essential support for future enhancements of AminoCow. The changes are:

- **Client Codes:** In AminoCow 3.5.2 all rations must be assigned a 'Client Code' and optionally all user feeds may be assigned a 'Client Code' this not only provides an additional option for organizing rations and catalogs, but also reduces clutter in the 'User Feeds' database by allowing each user feed to be associated with a particular client.
- **Commercial Feeds Database:** The 'Commercial Feeds Database' functions much like the standard 'User Feeds' database, but is designed primarily as a storage place for standard, commercially available feed products not found in the AminoCow feeds database.
- **Feed Codes:** As part of automating downloads of forage and feed samples, it was necessary to associate tested feeds with various AminoCow feeds. This is done both to fill in values of nutrients not measured, but also to supply the correct equations for estimating the amino acid content.
- **Metabolizable Protein:** Due to a previous error, MP was under estimated by about 6% in previous builds of AminoCow. This was because the amount of amino acid in microbial crude protein was estimated at 60%. This has now been changed to the correct value of 72%. The predicted flow of individual amino acids has not been changed as these were calculated as a percent of microbial crude protein which is unchanged.
- **Structural Changes:** While invisible to the user, AminoCow 3.5.1 upgrades the underlying file structure of AminoCow to provide essential support for future developments. All future developments of AminoCow will require the file structure of AminoCow 3.5.1.