

## What can Users of **SESAME 2.x** expect?

### ■ A New Database Engine

A new database makes it easier and faster for Users to organize, edit, and modify feedstuffs. **SESAME 2.x** uses a single **Feedstuffs Database** that is comprised of *all* feedstuffs. From this database, feeds can be selected to build libraries, which are customized subgroups of feeds. A single feedstuff can be a member of any library in **SESAME**.

The new database engine enables Users to easily build new libraries customized to their needs by copying and editing an existing library or constructing a library from scratch. When the User adds a new feed, the Feedstuffs Database is automatically updated, and that feed can be added to any other library.

### ■ Better Solution Options

Users can now activate and deactivate **Wizzard™ Options** in the Solver Window. Variance inflation threshold and student residual threshold can be turned off or on by clicking the appropriate box.

Users will also find a new Wizzard™ Option. **Leverage Detection** enables **SESAME 2.x** to solve problems evaluating feedstuffs with exceptionally high nutrient densities when compared to the other feedstuffs being evaluated. Regular Users will find the Wizzard™ much more reliable, giving better solutions. Advanced Users can adjust the Wizzard™ Option selection and rejection criteria according to their needs.

### ■ New Feedstuff Libraries

Composition data of 121 feedstuffs as found in the NRC (2001) are now the foundation of the

global **Feedstuff Library**. A library of commercial feedstuffs (e.g. MegaLac) of known composition is also included.

### ■ New User Friendly Options

The **Database Check**, a database maintenance feature in **SESAME 1.x**, is gone. Program functions to maintain database integrity are automatically and internally initiated while the program is running.

A **Load** option in the Solver window now allows the User to load and print a previously saved report (not the problem). This option will be useful for Users who want to compare reports from different problems.

Users will find an improved shortcut to **edit prices** while in the Solver Window. Feedstuffs prices can be edited by simply right mouse button clicking the desired feed in either the Appraisal or Calibration Sets of the Solver Window and entering the new price. Price changes are updated automatically in the Price Lists.

### ■ More Nutrient Choices

Nutrient options have been expanded to include:

- $NE_L$  (3x) from NRC (2001)
- Metabolizable protein
- Metabolizable microbial protein
- Metabolizable RUP protein
- Undegradable metabolizable amino acids
- Dietary cation/anion balance

### ■ Contact

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