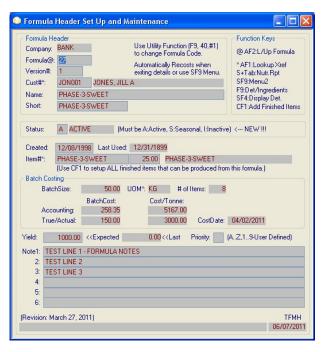# Sirtawn Systems

Features and Functions: Nutrition Module

Overview
* **The Nutrition Module** is designed to build a formula from its ingredients (Raw material) and process the formula into a finished product which is then added to inventory. Each "Raw Material" references the matching inventory record for costing and includes detailed nutritional values so that the formula may be reviewed based on its total nutritional value. Multiple variations of the Formula may exist at any one time.

* **Raw Material Nutritional Records** may contain as many nutritional factors as the user wishes to track and are summarized at the formula header level for reporting purposes. (Details are kept in the formula by Raw material component / nutrition.
* **The user may create and maintain formulas** as needed by version and Customer.
* **The module provides full reports** for all Formulas, Batch Processes, Raw Material used and Finished Products.

Nutrition Module features

* **The Formula Input** includes Formula Lookup, Status control (active, seasonal, inactive), creation and last used dates, Finished Product SKU, normal Batch Size control (with costing – accounting and actual), expected yield and User Formula Notes.
* **The Detail Component Records** are added as part of the formula with status control, required quantity, costing (accounting and actual) and user notes.
* **The Formula Processing** is "Batch" Controlled (The System creates and controls the Batch number). The "Batch" has a "Status" that indicates the batch progress. This means that each "Batch" run is planned, factored and has a Production Run Sheet Printed. The "Run Sheet" is used to record the "actuals" before they are entered in the system (Also acts as an Audit Sheet). When the Batch "Factor" is applied to the batch header, the system adjusts the complete batch by the "Factor" Ratio.

* **The "Post Batch Run Sheet Actuals"** function records the actual "Raw Materials" used and allows the user to enter a variety of finished goods sizes (by actual quantity yields)
* **Daily Functions** include Formula Maintenance, Printing Batch Run Sheets, Printing the Batch Shortage Report, Entering Batch Actuals and Posting to Inventory .
* **Module includes Lookups** to Formulas, Raw Materials (and Nutrition), Batches, Raw Materials Used, Finished Goods Produced, History and other data.
* **Quick setup for new Formulas** allows the user to copy from an existing formula and then edit the new formula.
* **Unlimited Formulas and Nutrition** may be setup and tracked.
* Many minor features ensure smooth interface to manual procedures.

Reporting
* **Management Reports** include Batch Shortage Report, Formula Nutrition Report, Batch Items Used Report, Batch Finished Production Report, Formula Costing Reports, History Reports and Formula Analysis Reports
* **Most reports are available by Range or with additional filters**

Interface to Other Modules
* **Updates** to the Inventory Modules and is generally linked to the POS module.
* **ASCii file output** available for all files.