



FeedCalc® Formulation Software

Product Release Notes

- **Software:** FeedCalc® Feed Formulation Software
- **Release Version:** 4.0.0
- **Release Date:** 23 May 2026
- **Target Audience:** Users, Customers, and System Administrators
- **Official Website:** feedcalcsoft.com
- **Support Email:** help@feedcalcsoft.com

We recommend that you read this document before using new version of FeedCalc 4.0.0

1. Overview of FeedCalc® Software

The FeedCalc® Software is a least cost feed formulation software which is used manage ingredient and nutrient requirements efficiently. The goal of software is to provide quality, efficiency and speed in least cost formula optimization. FeedCalc® is a perfect software to achieve formulation goal. User friendly, easy to use and quick to learn software. Developed in latest environment. Also it is very accurate and fast. You can use if efficiently to find least cost formulation along with raw material efficient requirements. This software developed in latest development tool so it run faster. As a result it give you the fastest result by checking all requirements. FeedCalc® is used to reduce production cost. This software help you in saving cost and help in raw material requirement management.

2. What's New in Version 4.0.0

2.1 Enhanced Optimization Solution

We have upgraded our optimization engine to give you better results, clearer insights, and helpful next steps to meet your nutritional goals. We have upgraded our feed optimization engine to help you create better animal diets, lower ingredient costs, and instantly troubleshoot formulas when nutritional targets cannot be met.

- **Better Outcomes:** The system now finds more efficient, cost-effective solutions for your daily operations.
- **Clearer Statuses:** You will see immediately whether a formula is fully successful or needs adjustments.
- **Actionable Advice:** If a schedule or plan is impossible to make, the system tells you exactly where to adjust nutrients and ingredients.

Feasible Solution (Success)

- **Best Possible Choice:** The engine successfully built the most efficient plan based on your minimum and maximum requirements of ingredients and nutrients.
- **Fully Compliant:** Every single one of your deadlines, budgets, and constraints was successfully met.

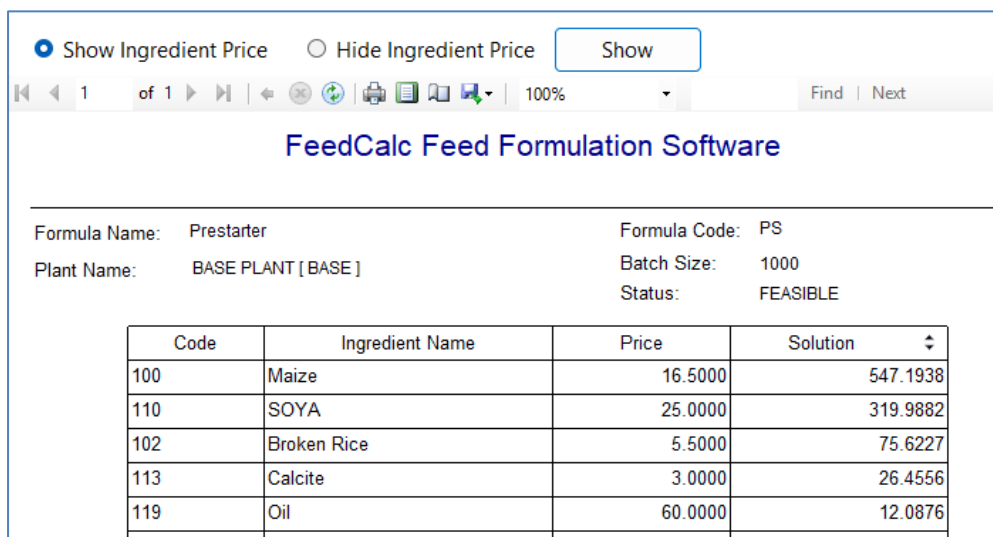
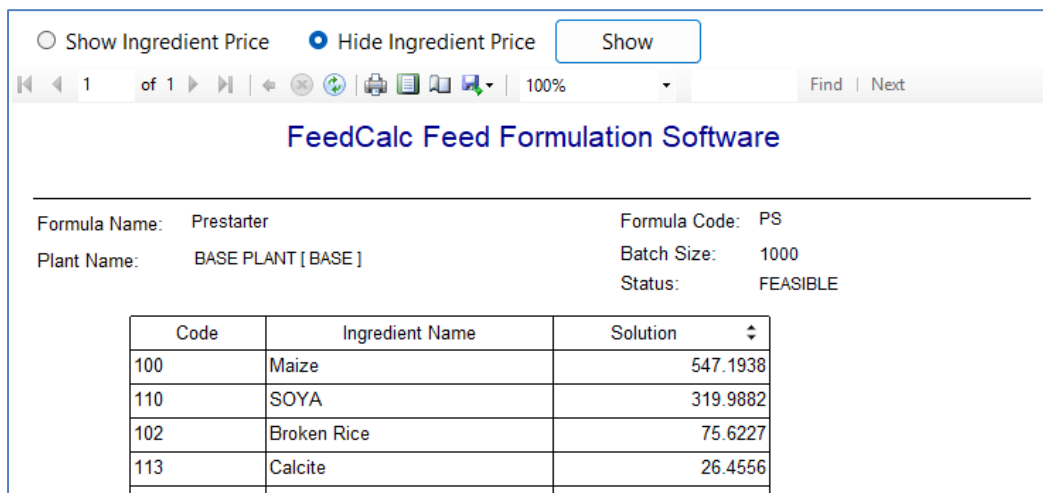
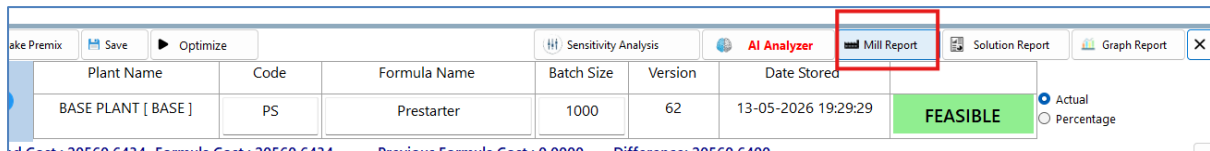
Infeasible Solution (Needs Adjustments)

- Problem Spotter: If nutrients and ingredients constraints not match the system highlights the exact problem.
- Closest Alternative: The system automatically builds the next-best possible formula by slightly relaxing your flexible constraints.

2.2 Mill Report

New Feature: Conditional Pricing on Mill Reports

- Control Visuals: Choose to show or hide ingredient prices on generated Mill Reports.
- Toggle Options: Select the "Show Ingredient Price" or "Hide Ingredient Price" radio button before printing.
- Client Ready: Generate clean, price-free reports perfectly suited for sharing directly with external clients.



2.3 Auto Backup

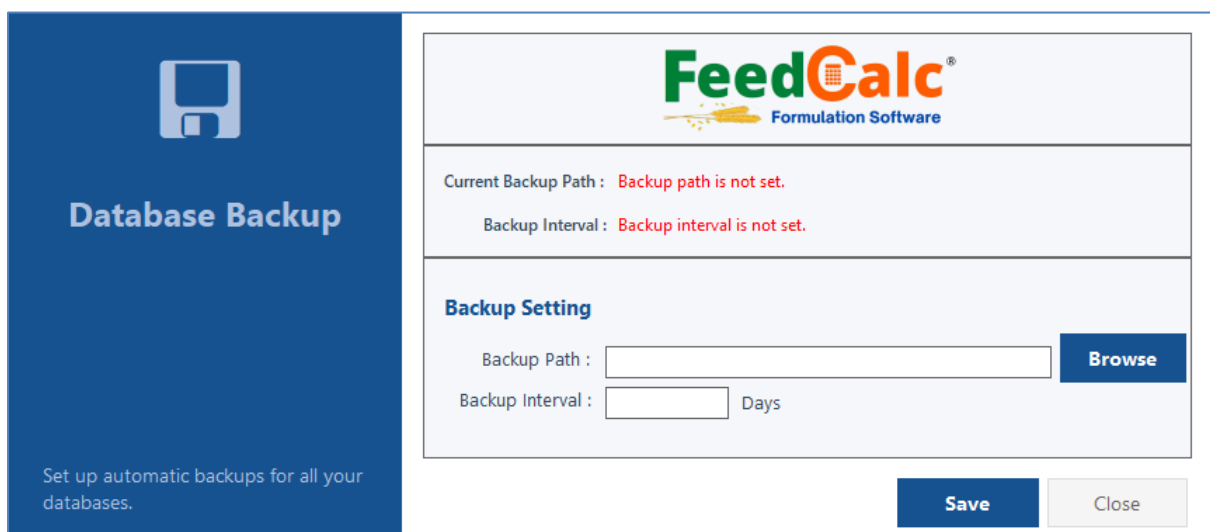
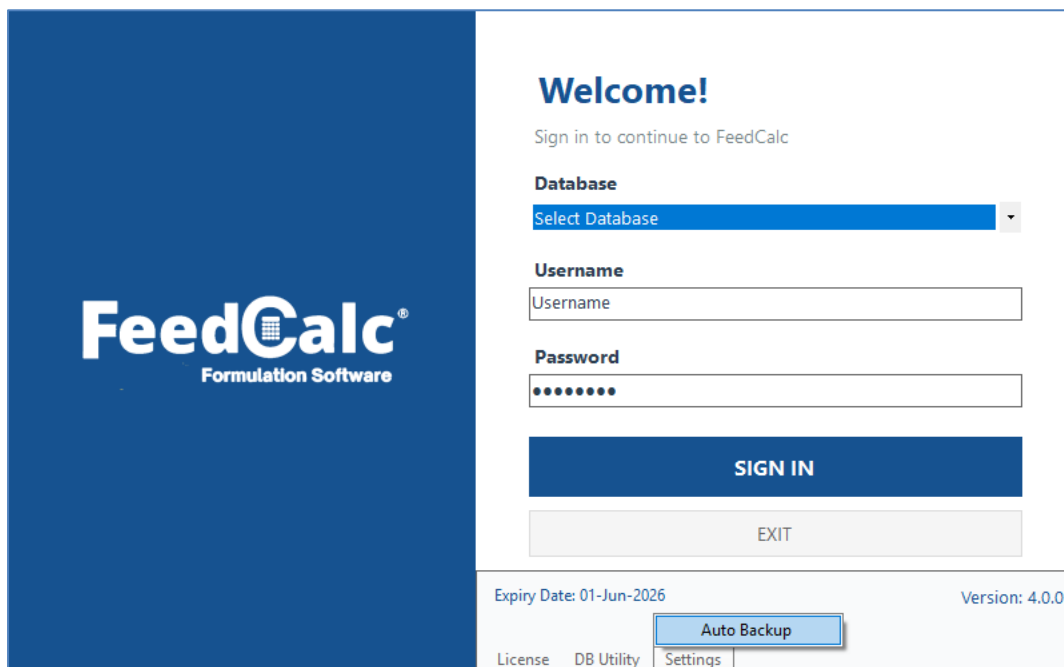
To reduce manual effort and prevent data loss, FeedCalc now includes an automated database backup utility upon software closure.

Key Enhancements

- Auto-on-Close: Triggers backup automatically when closing the software.
- Custom Locations: Saves files directly to your preferred local folder.
- Interval Tracking: Displays current backup status and paths at a glance.

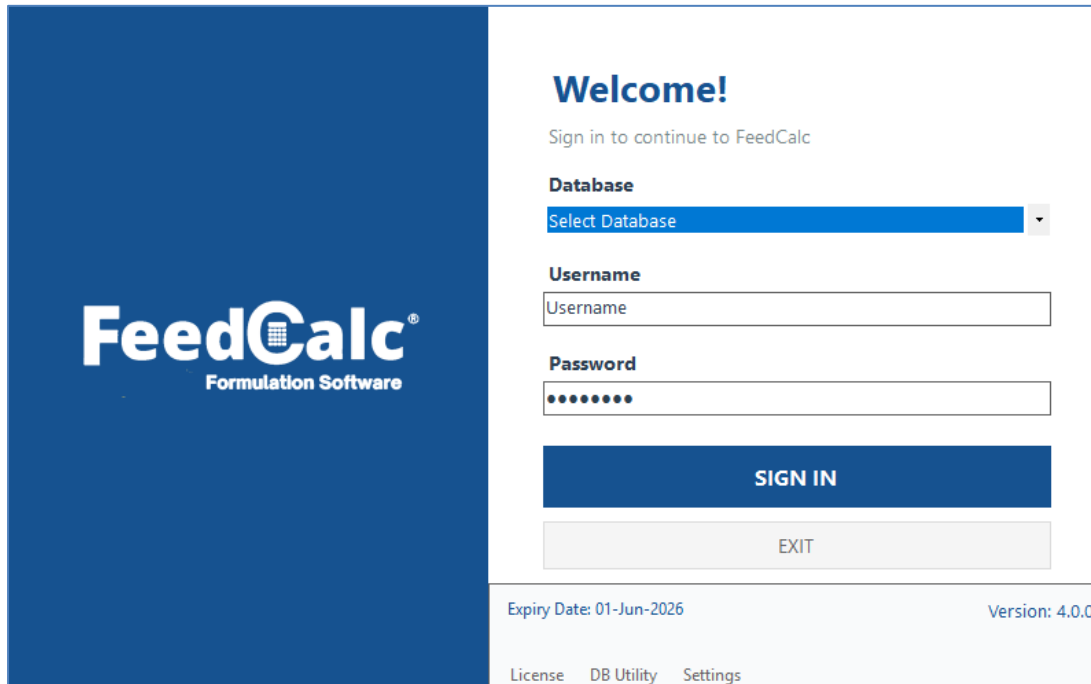
How to Configure

- Navigate to the Database Backup settings screen.
- Click Browse next to Backup Path to choose your destination folder.
- Enter your preferred frequency in the Backup Interval field (in days).
- Click Save to apply the automatic schedule.



2.4 User Interface & Experience

- Modernized Login Screen: Refreshed the interface with a clean, modular aesthetic.
- Streamlined Layout: Reorganized input fields for a more structured, intuitive layout.
- Improved Scannability: Enhanced visual hierarchy for quicker navigation.
- Updated Branding: Integrated a sleek, high-contrast side panel featuring the FeedCalc logo.

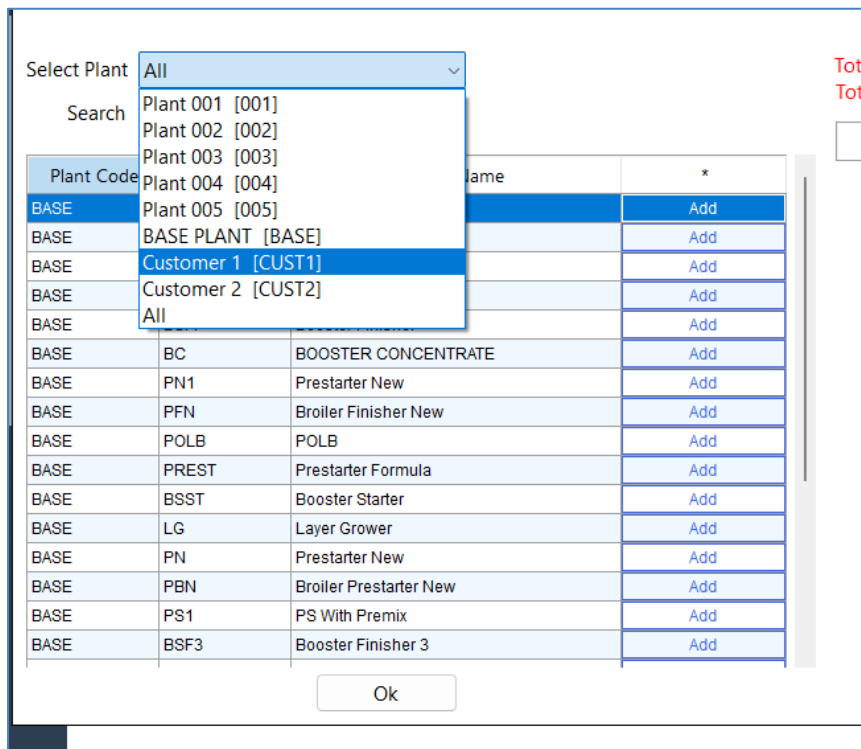


2.5 Multiformula- Multi Plant Optimization

We have enhanced the Multiformula Optimization tool to support cross-plant formulation. Users can now open, view, and optimize formulas from different manufacturing plants simultaneously in a single view.

Key Enhancements

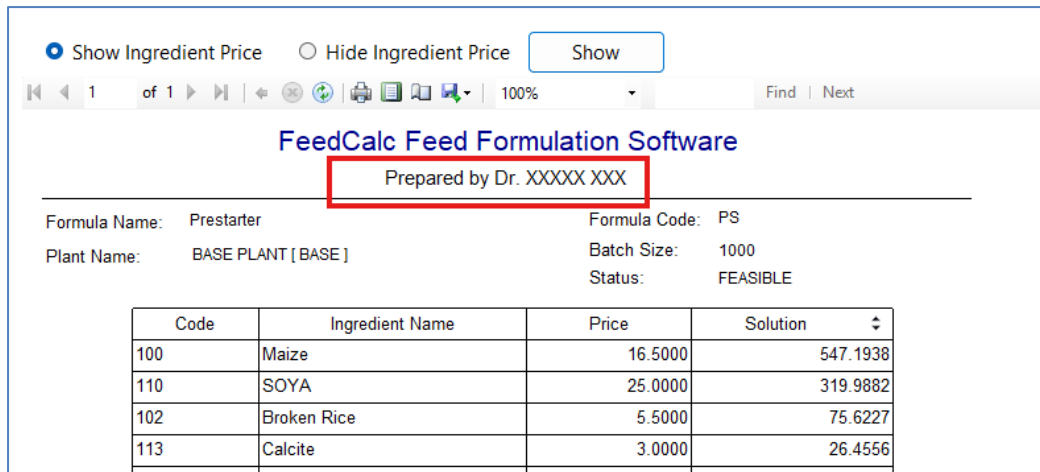
- Advanced Plant Filtering: The updated Select Plant dropdown allows you to switch between specific locations, customer-specific sites, or select "All" plants at once.
- Unified Workspace: Compare and manage formulas from different plants (such as Base Plants or Customer formulas) within a single consolidated grid.
- Bulk Single-Click Optimization: Run optimizations across your entire multi-plant selection with one click, eliminating the need to process each plant separately.



2.6 Prepared By Setting

- Custom Prepared By Setting: Added a new configuration field in software settings.
- Automated Report Population: The "Prepared by" field now automatically displays in key reports.
- Impacted Reports: Both the Mill Mix and Solution Report will now feature this data.

Save			
	SrNo	Description	Value
	1	Moisture Nutrient Number	28
	2	Dry Matter Nutrient Number	27
	3	Optimization	
▶	4	ReportSubTitle	Prepared by Dr. XXXXX XXX
	5	CompanyLogoWidth	
	6	CompanyLogoHeight	
	7	CompanyNameFontSize	



2.7 Excel Export Feature

A new Excel Export option has been added to multiple modules. Users can now export data grids directly into Excel files via a simple right-click context menu.

Key Benefits

- Direct Export: Instantly download grid data without manual copying.
- Streamlined Workflow: Fast data extraction for offline analysis and reporting.

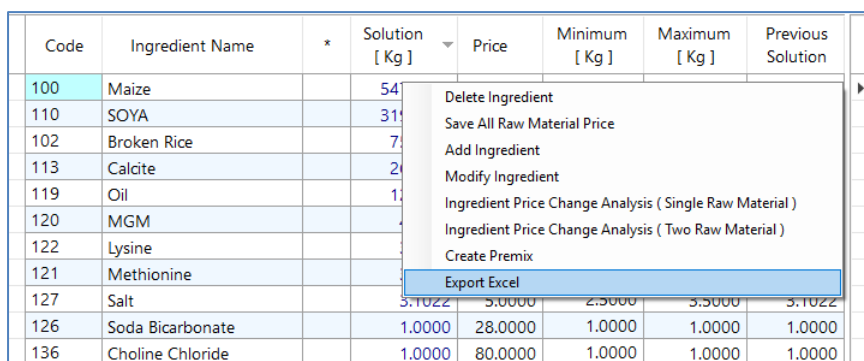
Supported Modules

You can access this feature by right-clicking inside the grids of the following screens:

- Price Maintenance
- Nutrient Maintenance
- Quick Update
- Optimization
- Parametric Change Analysis

How to Use

1. Open any of the supported modules listed above.
2. Right-click anywhere inside the data table grid.
3. Click the **Excel Export** button from the context menu.



Save	Current Market Price (India)	Close	
	Code	Ingredient Name	Plant
	100	Maize	1
	101	Jowar	
	102	Broken Rice	
	103	Wheat	1
	104	Baira	1

Excel Export