



Duocron ERP for Agrochemicals Industry

Cultivating Agrochemical Excellence – Precision
Production, Seamless Compliance.



Introduction

Duocron ERP powered by ERPNext is a **one complete end-to-end enterprise solution** designed and customized specifically to track, manage, and optimize agrochemical manufacturing—from formula development and batch production to compliance, inventory, and supply chain management. It **supports key processes** like milling, dispersing, dissolving, and emulsification, ensuring precise control over the production of **fertilizers, pesticides, herbicides, insecticides, fungicides, and rodenticides**.

The system enables advanced **formula management, cost analysis, by-product and co-product planning, and AI-driven production scheduling**, helping manufacturers reduce waste and maximize efficiency. Built on a powerful and scalable framework, it integrates **Kanban dashboards, real-time reporting, multi-level BOM, warehouse management, automated procurement, and project tracking**. Duocron ERP ensures **full compliance** with OECD, REACH, OSHA, and ECPA through automated regulatory reporting and lot traceability, offering complete visibility and quality control.

What Makes Duocron ERP Sets Apart?

- ✓ ERP is free, pay only for services.
- ✓ Fully optimized, yet easily customizable.
- ✓ Built-in Custom Industry Specific Features
- ✓ Seamlessly integrates with AI and other tools.

10+ Years of
Experience

24*7 Customer
Support

Worldwide
Presence

We Understand Your Challenges

■ Struggling with Compliance Complexities

Strict regulations like OECD, REACH, OSHA, and ECPA make managing compliance complex. Manual tracking of MSDS, CoA, and audit logs risks fines, recalls, and legal issues.

■ Unpredictable Procurement & Supplier Issues

Volatile raw material prices and unreliable suppliers disrupt production planning. Poor procurement practices result in overstocking, shortages, and increased costs.

■ Financial & Tax Complexities

Complex taxation and multi-level costing challenge financial accuracy. Manual financial reporting and currency fluctuations can negatively impact profitability and cash flow.

■ Inefficient Manufacturing Processes

Multi-stage production demands precision in formulation and quality control. Inconsistent batch tracking and manual quality checks lead to wasted resources and product defects.

■ Inventory Management Challenges

Limited visibility across warehouses causes excess stock and stockouts. Inadequate FIFO/FEFO practices lead to expired products and operational losses.

■ C&F, Distributor & Dealer Management Issues

Handling multi-channel sales and credit tracking creates operational headaches. Manual management of dealer incentives and payments delays revenue collection.

We Understand Your Challenges

■ Logistics & Freight Delays

Inefficient customs clearance and freight planning slow down shipments. Poor logistics coordination drives up costs and delays delivery times, affecting supply chain efficiency.

■ Threat of Counterfeit Products

Counterfeit agrochemicals damage brand reputation and customer trust. Inadequate authentication systems allow fake products to enter the market, impacting revenue and compliance.



Key Features

Automated Compliance & Regulatory Management



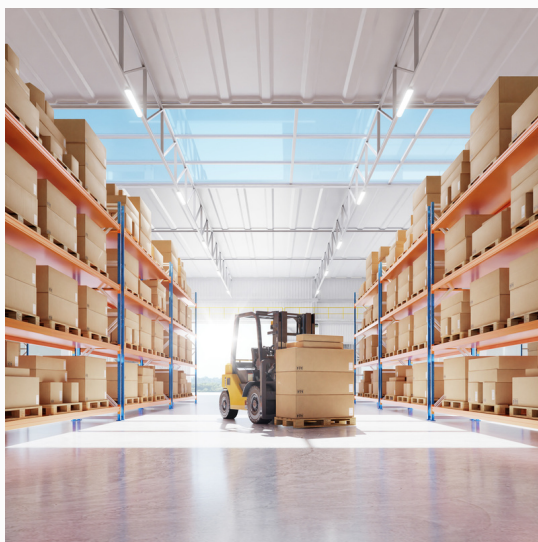
Our ERP instantly generates MSDS, CoA, and audit reports, ensuring full adherence to OECD, REACH, OSHA, and ECPA standards. It centralizes compliance documentation and tracks hazardous material handling for seamless regulatory oversight.

Advanced Manufacturing & Quality Control



Experience real-time production tracking with multi-level BOM management and Kanban dashboards. Our system automates batch scheduling and quality checkpoints to ensure consistent, high-quality output.

Real-Time Inventory & Warehouse Management



Maintain full visibility across all storage locations with live inventory tracking. Automated FIFO/FEFO practices and barcode/Rfid scanning ensure precise stock control and optimal warehouse utilization.

Integrated Finance, Accounting & Taxation



Simplify complex financial workflows with automated cost tracking, multi-currency support, and tax calculations for GST, VAT, Excise, and import duties. Real-time financial dashboards deliver clear insights for strategic decision-making.

Key Features

Efficient Distributor & Dealer Management



Manage multi-channel sales effortlessly with integrated distributor portals and automated incentive tracking. Credit control, order monitoring, and demand forecasting keep your sales operations running smoothly.

Streamlined Logistics & CNF Automation



Optimize shipment processes with automated customs documentation, tariff calculations, and real-time freight tracking. This feature ensures efficient CNF workflows and regulatory compliance for all transport activities.

Robust Counterfeit Prevention & Authentication



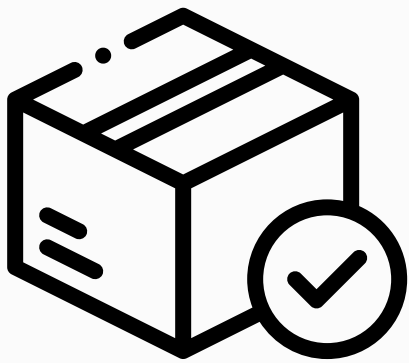
Protect your brand with QR-based product authentication and end-to-end track-and-trace serialization. Tamper-proof labeling and AI-driven fraud detection secure your supply chain from counterfeit threats.

Human Resources & Payroll Management



Streamline your workforce management with an integrated HR solution tailored for agrochemical operations. Simplify recruitment, attendance, and payroll processing while ensuring compliance with labor laws. Enhance employee productivity with a centralized, automated HR system.

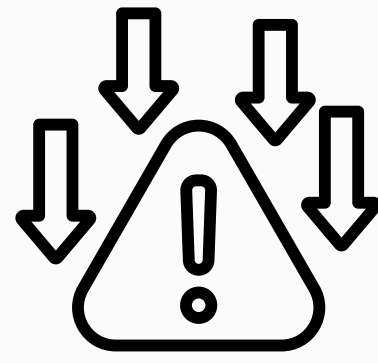
Real Benefits, Real Success



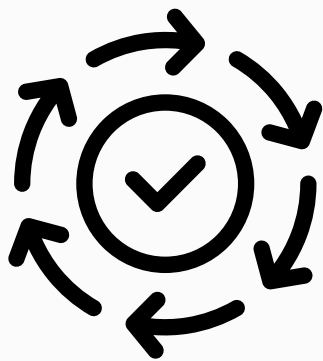
Accelerates market
readiness



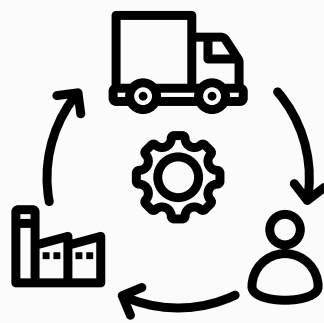
Reduces operational
costs



Mitigates
compliance risks



Boosts product
consistency



Optimizes inventory
turnover



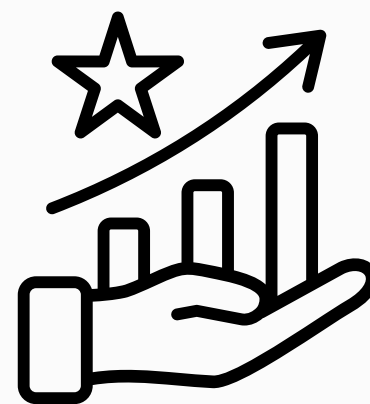
Strengthens supplier
partnerships



Enhances financial
transparency



Expedites sales
cycles



Protects brand
reputation



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