

# Supply chain and logistics coordination

Automates agricultural supply chain coordination from harvest readiness through delivery scheduling, optimizing logistics routes and inventory management. This ensures timely farm-to-market delivery while minimizing waste and transportation costs.

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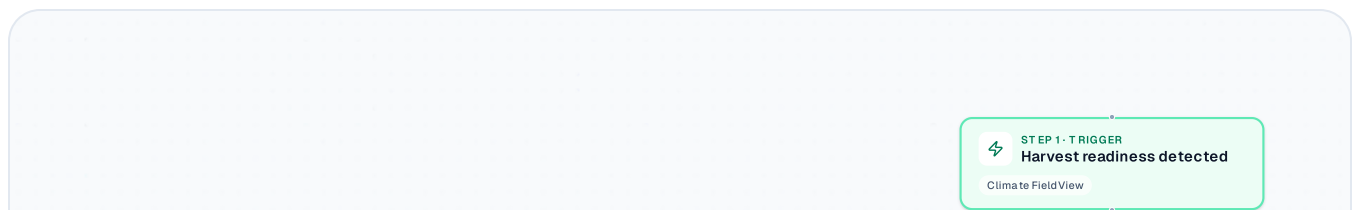


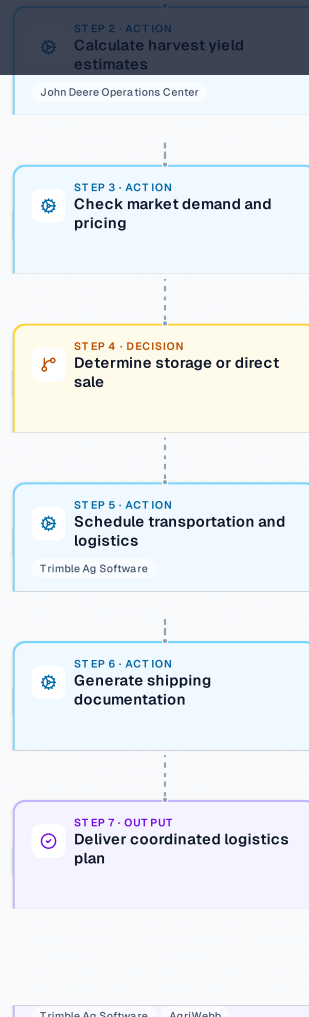
## WORKFLOW TRIGGER

Crop harvest reaches target maturity levels detected by field sensors

## Visual Flow

Each node represents an automated step. Connections show how data and decisions move through the workflow.





## Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

### Harvest readiness detected

Field sensors and satellite imagery indicate crops have reached optimal harvest maturity levels. Climate FieldView triggers the supply chain

2

 ACTION

### Calculate harvest yield estimates

Farm management system analyzes field data to estimate total harvest volume and quality grades. This information feeds into logistics planning calculations.

John Deere Operations Center

Granular (Corteva)

3

 ACTION

### Check market demand and pricing

System queries commodity markets and contracted buyers to identify optimal sales opportunities and current pricing. Matches harvest estimates with buyer requirements.

Granular (Corteva)

FarmLogs

4

 DECISION

### Determine storage or direct sale

Evaluates market prices, storage costs, and buyer contracts to decide whether to store harvest or sell immediately. Routes workflow based on optimal financial outcome.

FarmLogs

Granular (Corteva)

5

 ACTION

### Schedule transportation and logistics

Coordinates with trucking companies and schedules equipment based on harvest timing and destination requirements. Optimizes routes for multiple field pickups.

Trimble Ag Software

John Deere Operations Center

6

 ACTION

## Generate shipping documentation

Creates bills of lading, quality certificates, and chain of custody documents required for delivery. Sends notifications to buyers and logistics partners.

AgriWebb

FarmLogs

7

 OUT PUT

## Deliver coordinated logistics plan

Provides complete harvest-to-delivery schedule with optimized routes, documentation, and real-time tracking capabilities for all stakeholders.

Trimble Ag Software

AgriWebb



## Outputs

- Optimized harvest and delivery schedule
- Transportation route plans
- Complete shipping documentation



## Key Metrics

- Transportation cost per unit
- Time from harvest to delivery
- Percentage of on-time deliveries



## Tools & Integrations

- Climate FieldView
- John Deere Operations Center
- Granular (Corteva)
- FarmLogs
- Trimble Ag Software
- AgriWebb

## AI Business OS

Actionable AI implementation strategies for business leaders ready to transform their operations.

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