

# AgriSupply Chain Management Workflow: Optimize Harvest To Market Processes



▷ **Start**

Start of the Workflow/Process.

 **1. Harvest Yield Data Collection**

Gather initial yield data from field reports and harvest records.

 **2. Storage Capacity Check**

Retrieve current storage availability and required capacity data.

 **3. Total Volume Calculation**

Calculate the total harvested volume based on yield data and acreage.

 **4. Inventory Status Update**

Update the central inventory data model with the newly calculated harvest volume.

 **5. Quality Inspection Task Assignment**

Assign a quality inspection task to the assigned QC team member for the batch.

## 📌 **6. Logistics Scheduling Task**

Create a task to schedule transportation and logistics for the processed goods.

## 🗃️ **7. Initial Commodity Manifest Entry**

Create a new record in the sales/manifest data model for the harvested batch.

## ✉️ **8. Notify Sales of Available Stock**

Automatically email the sales team with the confirmed available volume and quality metrics.

## 📄 **9. Preliminary Sales Report Generation**

Generate a draft report summarizing the harvest volume, quality, and current market value.

## 📱 **10. Alert Processing Delay**

Send an SMS alert to the plant manager if quality testing falls behind schedule.

## ✍️ **11. Final Pricing Adjustment**

Update the commodity record with finalized pricing based on current market rates.

## 🏁 **End**

Start of the Workflow/Process.