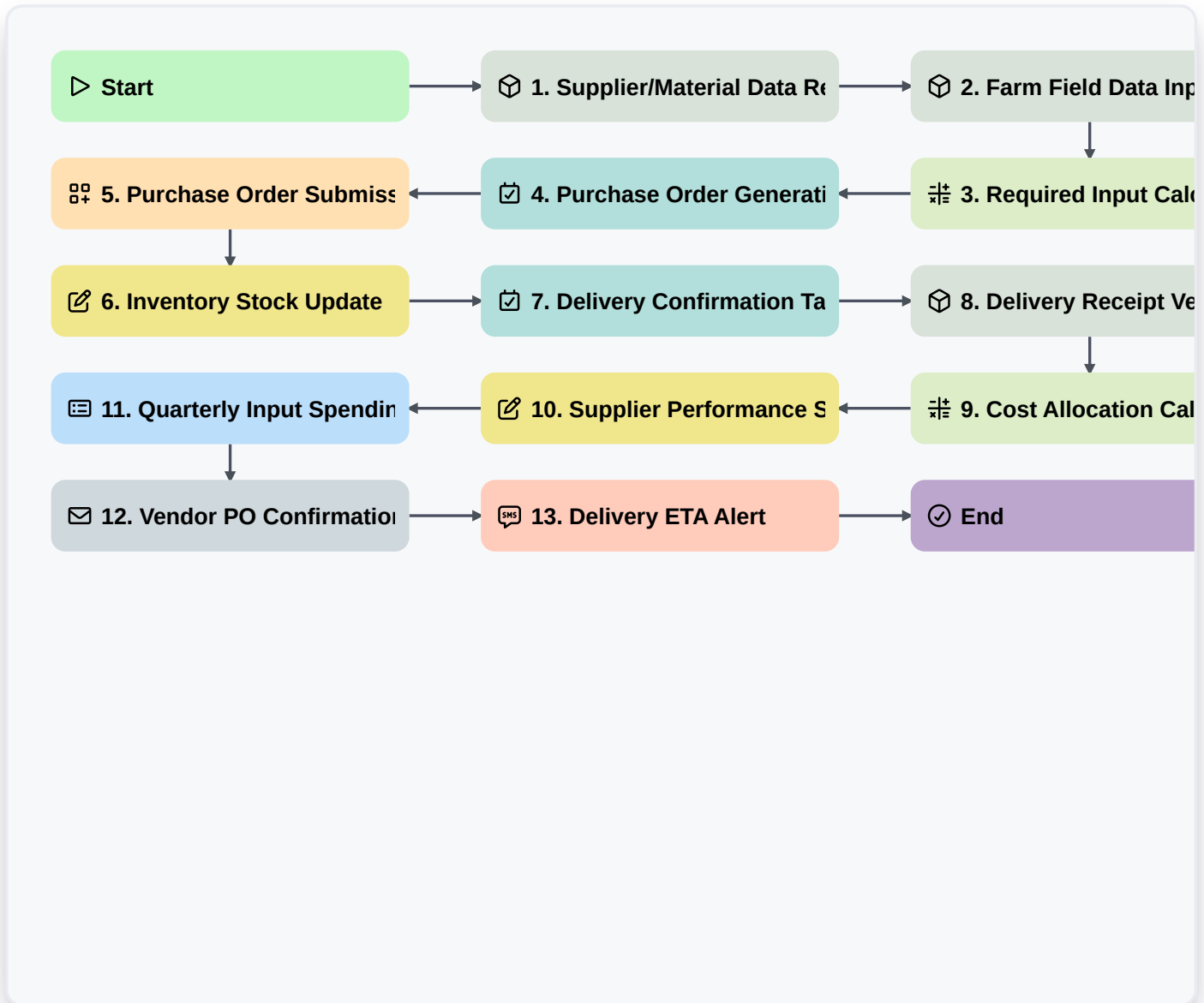


# Farm Input & Supply Chain Workflow Management For Agriculture



▷ **Start**

Start of the Workflow/Process.

 **1. Supplier/Material Data Retrieval**

Get current inventory levels, supplier contact info, or commodity pricing data.

 **2. Farm Field Data Input**

Retrieve specific field parameters like acreage, soil type, or crop history.

 **3. Required Input Calculation**

Calculate total nutrient needs or necessary chemical volumes based on crop type and soil analysis.

 **4. Purchase Order Generation Task**

Create a task assigned to the procurement team to generate and submit purchase orders.

 **5. Purchase Order Submission**

Create a record for the placed order, including PO number, materials, and quantities.

## **6. Inventory Stock Update**

Update local inventory records upon receipt of materials.

## **7. Delivery Confirmation Task**

Create a follow-up task for receiving goods and verifying delivery against the PO.

## **8. Delivery Receipt Verification**

Retrieve and verify received quantities against the ordered amounts.

## **9. Cost Allocation Calculation**

Calculate the total cost per unit applied to the specific field/crop based on invoices.

## **10. Supplier Performance Score Update**

Update supplier rating based on on-time delivery and material quality records.

## **11. Quarterly Input Spending Report**

Generate a consolidated report summarizing all input costs for the specified period.

## **12. Vendor PO Confirmation Email**

Send automated confirmation emails to suppliers with official Purchase Order details.

## **13. Delivery ETA Alert**

Send SMS alerts to farm managers regarding expected delivery windows.

## **End**

Start of the Workflow/Process.