Anydrous Ammonia (NH3) Workflow

Last Modified on 12/03/2025 3:07 pm CST

The following serves as a workflow for ammonia.

Custom Applied Workflow Benefits	Grower Applied Workflow Benefits
• Separation of application service (Blend Ticket) and product inventory tracking (Delivery Ticket) • Full integration with SKY Dispatch, Agronomy Scale Interface, and Inventory • Accurate Grower and Field-level billing • Improved traceability for anhydrous and nitrogen stabilizers	• Full integration with Agronomy Scale Interface and Inventory • Accurate Grower and Field-level billing • Improved traceability for anhydrous and nitrogen stabilizers

Custom Applied Workflow

Step 1: Create a Blend Ticket (Custom Application Only)

Purpose: The Blend Ticket represents the application service and enables the job to be dispatched through SKY Dispatch.

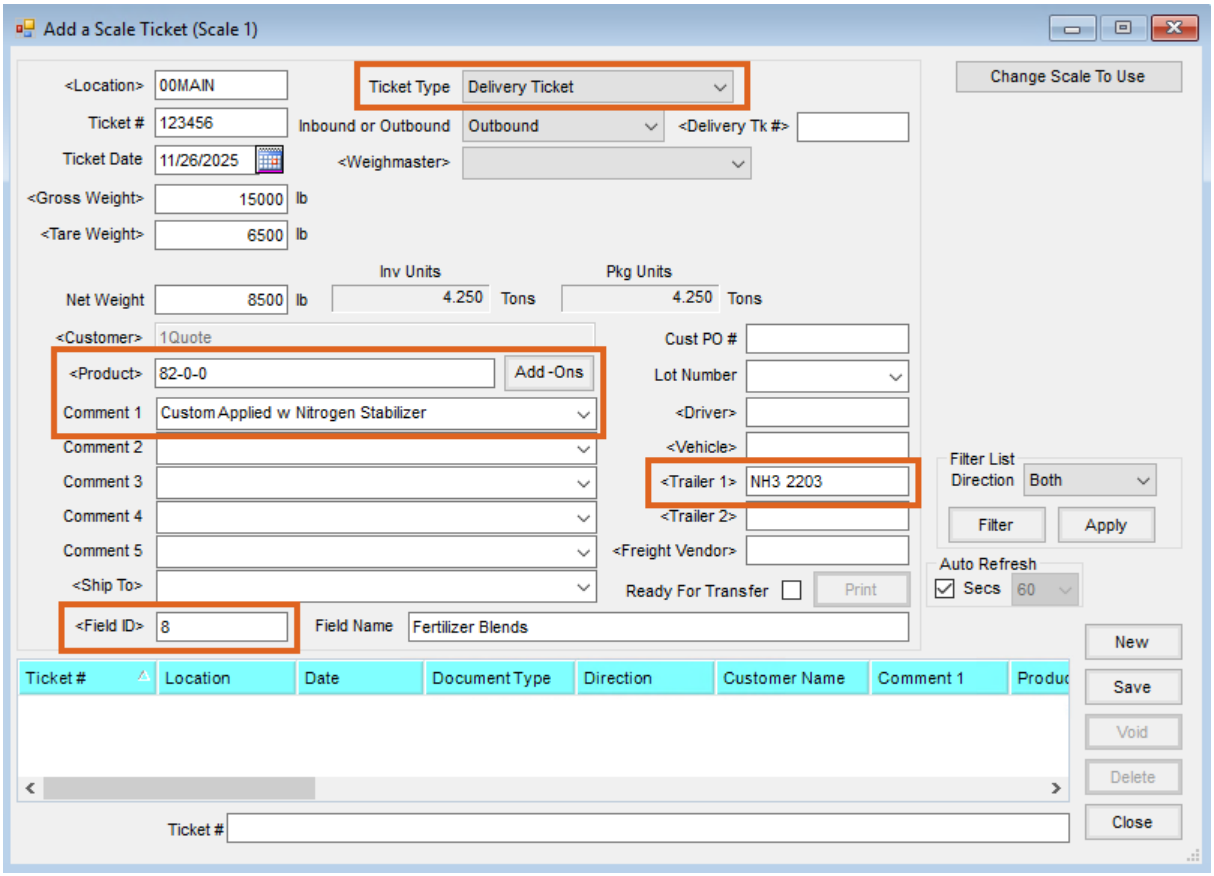
1. Create a Blend Ticket that includes only the Custom Application charge.

   Note: The anhydrous and nitrogen stabilizer inventory will be handled through Agronomy Scale Interface.
2. Tie the Blend Ticket to the Grower and Field where the application will take place.
3. Include *Billing Notes* specifying the application rate or any relevant job details for the Applicator.

Step 2: Use Agronomy Scale Interface to Create Delivery Ticket

Purpose: The Delivery Ticket tracks actual product weights from the scale and is used for inventory, billing, and splitting between Fields as needed.

1. When the anhydrous tank is hooked up and filled, use Agronomy Scale Interface to create a Delivery Ticket.



2. Include:
    - Grower
    - Field
    - Anhydrous and Nitrogen Stabilizer (if applicable)

      Note: Enable *Reduce from Base Weights* to account for stabilizer content in the tank.
    - Tank Number

Step 3: Dispatch the Blend Ticket

Purpose: The Dispatch system provides the Applicator with all job information while keeping product and weight management handled through the Delivery Ticket.

1. Use SKY Dispatch to send the Blend Ticket to the Applicator.
2. The Applicator receives:
    - Field details and boundaries
    - Application instructions
    - Billing Notes (including application rate or special instructions)

Step 4: Field Application and Tank Return

1. The Applicator applies the product as directed on the Blend Ticket.

2. Once the tank is returned, use Agronomy Scale Interface to complete the Scale Ticket.
3. Agronomy Scale Interface creates the Delivery Ticket with the total weights of anhydrous and nitrogen stabilizer applied.

Step 5: (Optional) Combine and Split Out Tool

Best Practice: Always drop the tank before moving to another Grower (preferably before changing Fields) to ensure precise, Field-level usage and accurate billing.

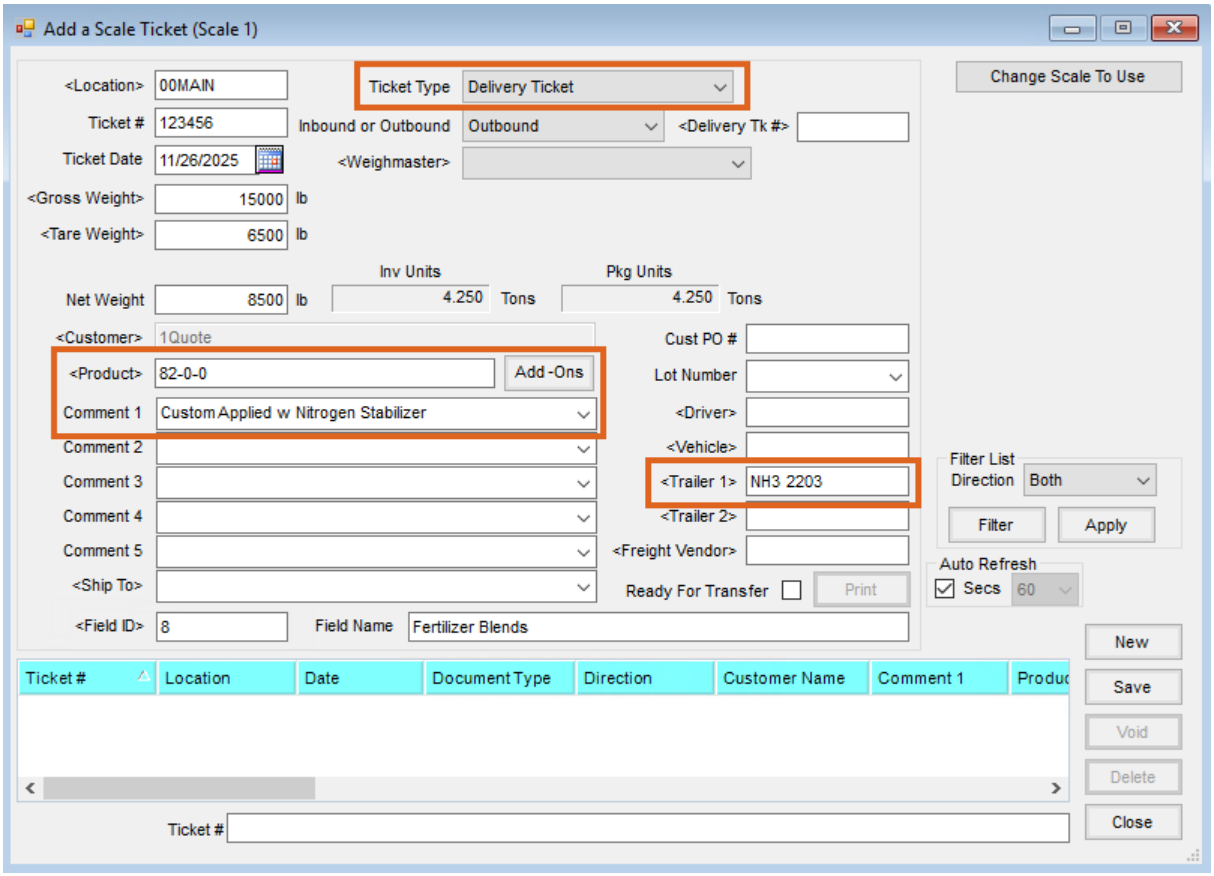
1. Navigate to *Accounting / Inventory / Combine/Split Delivery Tickets* and select the Delivery Ticket needing split.
2. Choose how many tickets will replace the original ticket.
3. Choose the correct Grower/Field ID for the first split of the new ticket.
4. Update the correct quantity for the first ticket.
5. Continue selecting subsequent Fields and their quantities until all inventory has been consumed.

Grower Applied Workflow

Step 1: Use Agronomy Scale Interface to Create Delivery Ticket

Purpose: The Delivery Ticket tracks actual product weights from the scale and is used for inventory, billing, and splitting between Fields as needed.

1. When the anhydrous tank is hooked up and filled, use Agronomy Scale Interface to create a Delivery Ticket.



2. Include:
    - Grower
    - Anhydrous and Nitrogen Stabilizer (if applicable)

      Note: Enable *Reduce from Base Weights* to account for stabilizer content in the tank.
    - Tank Number

Step 2: Tank Return

1. Once the tank is returned, use Agronomy Scale Interface to complete the Scale Ticket.
2. Agronomy Scale Interface creates the Delivery Ticket with the total weights of anhydrous and nitrogen stabilizer applied.

Step 3: (Optional) Combine and Split Out Tool

Best Practice: For Field-level accuracy, the Grower would have to supply tank utilization information.

1. Navigate to *Accounting / Inventory / Combine/Split Delivery Tickets* and select the Delivery Ticket that needs to be split.
2. Indicate how many tickets will replace the original ticket.
3. Choose the correct Grower/Field ID for the first split of the new ticket.
4. Update the correct quantity for the first ticket.

5. Continue selecting subsequent Fields and their quantities until all inventory has been consumed.