Explore Critical Tracking Events (CTEs) and Key Data Elements (KDEs)
Onions (input) are harvested in the field into bushels, then loaded into “packaging materials” (input). Packed onions are the output. These onions are loose in the bushels; they are not packed in the field in the form of a finished good. Sometimes they are packed into sacks or bins instead of bushels.

Packaging materials have been previously created for use. This input step identifies the packaging materials to be used in this transformation step.
**Transform**

The harvested onions (input) are put into the packaging materials (input) to create the cases of packed onions (output) for shipment to the shed.

**Transport**

Packed onions are shipped to the packing shed.
Transport

Packed Onions Received at Packing Shed

<table>
<thead>
<tr>
<th>Key Data Element Name</th>
<th>EPCIS Translation</th>
<th>Attribute Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td></td>
<td></td>
</tr>
<tr>
<td>When</td>
<td></td>
<td></td>
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<tr>
<td>When Date/Time</td>
<td>Event Time</td>
<td>2018-10-18 8:00:00.000 GMT-04:00</td>
</tr>
<tr>
<td>-</td>
<td>Record Time</td>
<td>2018-10-18 12:00:00.000 UTC</td>
</tr>
<tr>
<td>What</td>
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<td></td>
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<tr>
<td>What Item (GTIN)</td>
<td>GTIN</td>
<td>00614141100002</td>
</tr>
<tr>
<td>Lot or Batch or Serial #</td>
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<td>20180330F10112</td>
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<tr>
<td>Quantity</td>
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<td>50</td>
</tr>
<tr>
<td>Unit of Measure</td>
<td>UOM</td>
<td></td>
</tr>
<tr>
<td>Where</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Where Read Point</td>
<td></td>
<td>0061414130011</td>
</tr>
<tr>
<td>Where Biz Location</td>
<td></td>
<td>0061414130011</td>
</tr>
<tr>
<td>Why</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Why Biz Step</td>
<td></td>
<td>Receiving</td>
</tr>
<tr>
<td>Why Disposition</td>
<td></td>
<td>In Progress</td>
</tr>
<tr>
<td>Activity Type</td>
<td>Biz Transaction Type</td>
<td>RecAdv</td>
</tr>
<tr>
<td>Activity ID</td>
<td>Biz Transaction ID</td>
<td>RA123</td>
</tr>
</tbody>
</table>

Packed onions received at packing shed.
Transform

Finished goods are created (bags of onions) for transport to final point of sale.

Transport

Finished goods are shipped to final point of sale.
**Finished Goods**

### Receive

**Receive Finished Goods**

- **Key Data Element Name**: EPCIS Translation
- **EPCIS Event Type**: Object
- **When**
  - **Date/Time Event Time**: 2018-10-26 00:00:00.000 GMT-04:00
  - **Record Time**: 2018-10-26 04:00:00.000 UTC
- **What**
  - **Item (GTIN)**: 00614141300068
  - **Lot or Batch or Serial #**: 2018040G11440
  - **Quantity**: 10
- **Where**
  - **Read Point**: 0840002030038
  - **Biz Location**: 0840002030038
- **Why**
  - **Biz Step**: Receiving
  - **Disposition**: In Progress
  - **Biz Transaction ID**: RA789
  - **Sources**: 0840002030038
  - **Destinations**: -

**Receive Finished Goods** are received at final point of sale.

### Deplete

**Finished Goods Sold at Point of Sale**

- **Key Data Element Name**: EPCIS Translation
- **EPCIS Event Type**: Object
- **When**
  - **Date/Time Event Time**: 2018-10-26 00:00:00.000 GMT-04:00
  - **Record Time**: 2018-10-26 04:00:00.000 UTC
- **What**
  - **Item (GTIN)**: 00614141300068
  - **Lot or Batch or Serial #**: 2018040G11440
  - **Quantity**: 8
- **Where**
  - **Event Locations (GLN)**: Read Point 0840002030038
  - **Event Owner (GLN)**: Biz Location 0840002030038
- **Why**
  - **Biz Step**: Retail Selling
  - **Disposition**: Retail Sold
  - **Biz Transaction ID**: POS 123
  - **Sources**: -
  - **Destinations**: -

**Deplete** Finished goods (onions in the bag) are sold at point of sale.
Finished Goods

Deplete

**Destroy Unsaleable Finished Goods**

Unsaleable finished goods (bags of onions) are destroyed.

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**Deplete**

Unsaleable finished goods (bags of onions) are destroyed.

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**Key Data Element Name** | **EPCIS Translation** | **Attribute Value**
--- | --- | ---
Type | - | EPCIS Event Type
When Date/Time | Event Time | 2018-10-26 00:00:00.000 GMT-04:00
- | Record Time | 2018-10-26 04:00:00.000 UTC
What Item (GTIN) | GTIN | 00614141300068
Lot or Batch or Serial # | Lot | 2018040G11440
Quantity | Quantity | 2
Unit of Measure | UOM | -
Where Event Locations (GLN) | Read Point | 0840002030038
Event Owner (GLN) | Biz Location | 0840002030038
Why Activity Type | Biz Transaction Type | Destroying
- | Biz Transaction ID | Work Order*
- | Sources | -
- | Destinations | -

*Work Order does not yet exist and would need to be developed*
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