Description of Contents Moving from Field to Bin
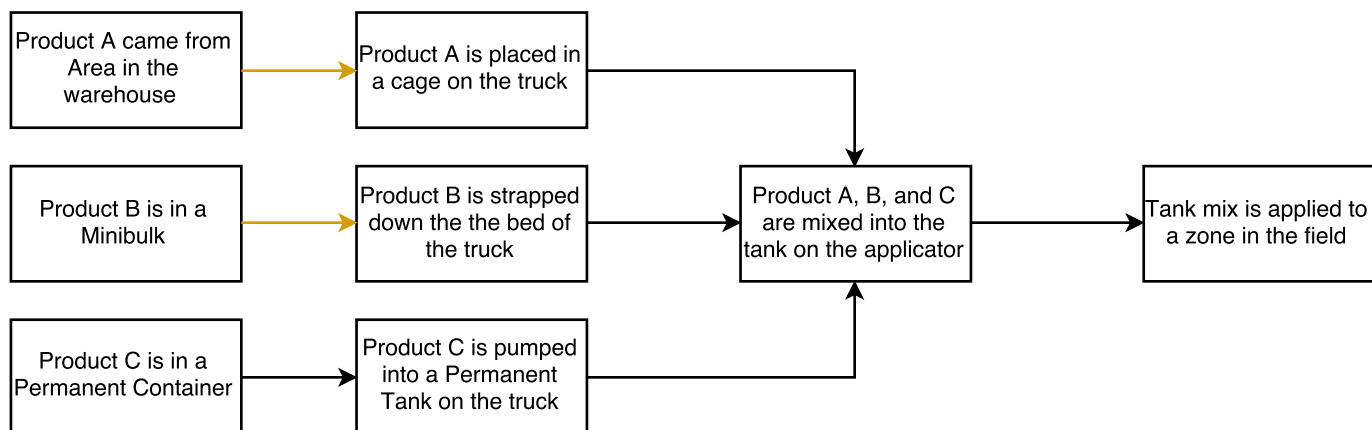
Field		Harvester		Grain Cart		Surge Wagon		Bin

1   2   3   4

Boxes represent Containers

All black arrows represent the Container Event Process

Orange Arrows represent Container movement events

Description of Product moving from warehouse to the field

Product A came from Area in the warehouse	→	Product A is placed in a cage on the truck
Product B is in a Minibulk	→	Product B is strapped down the the bed of the truck
Product C is in a Permanent Container	→	Product C is pumped into a Permanent Tank on the truck

Product A, B, and C are mixed into the tank on the applicator → Tank mix is applied to a zone in the field

Events recorded on Harvester

1. Harvesting Container Events

TimeScope Amount - -0.833 bu Contents - Corn EventType Enum - Harvest Container - Field zone	TimeScope Amount - 0.833 bu Contents - Corn EventType Enum - Harvest Container - Grain Tank

2. Harvester to Grain Cart Container Event

TimeScope
Contents - Corn
EventType Enum - Contents Transfer
Container - Grain Tank
Amount could be the negative of accumulated Harvesting container events

3. Possible Container Event

TimeScope
EventType Enum - Empty
Container - Grain Tank

Events recorded on Grain Cart

2. Harvester to Grain Cart Container Event

TimeScope
Contents - Corn
EventType Enum - Contents Transfer
Container - Grain Cart
Amount - 235 bu given by scale readings

4. Unloading Grain Cart Container Event with no downstream record keeping

TimeScope Contents - Corn EventType Enum - Contents Transfer Container - Grain Cart Amount - -963 bu given by scale readings	TimeScope Contents - Corn EventType Enum - Contents Transfer Container - Bin Amount - 963 bu given by scale readings

EventType Enum

Empty
Rinse
Contents Transfer
Container Transfer
Application
Harvest