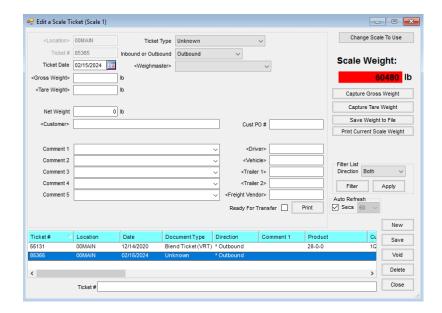# Scale Interface Overview

Last Modified on 11/12/2024 1:29 pm CST

Agvance Scale Interface is used to capture digital scale readings for Agvance Scale Tickets. This interface gives the ability to capture inbound or outbound weights for typical retail fertilizer items such as NH3 tanks, liquid and dry fertilizer, or bulk shipments of chemical or seed.

Agvance Scale Interface can interface with most scale heads that output a continuous ACSII string of data. Scales can be connected via COM port or serial over IP connections.

Scale Interface comes equipped with many standard data fields such as *Driver*, *Freight Vendor*, *Vehicle*, *Trailer*, *PO Number*, *Customer*, *Product*, etc. The interface also allows for custom data fields that might better fit a company's operation should they choose to set them up.

There are various *Ticket Types* for Scale Tickets in Scale Interface such as *Blend Ticket*, *Delivery Ticket*, *Purchase Receipt*, and *Unknown*. Once a Scale Ticket has both a *Gross* and *Tare Weight*, it can be imported into the transaction corresponding to its *Ticket Type*. *Unknown* is meant for instances where weight is captured for items not sold by the retailer such as livestock trailers, scrap steel loads, etc.

Note: There is a preference in Scale Interface that allows for the creation of a new Delivery Ticket or the update of an existing Delivery Ticket in the Accounting module upon completion of the Scale Ticket.

Agvance Scale Interface complies with the National Institute of Standards and Technology laws and regulations (which have been adopted by most states) and is comprehensive with many options to accommodate the everyday scale functions a retail Agronomy company needs.

California Users

The weighmaster certificate (SASI-California Scale Ticket format) available in Agvance Scale Interface has been approved for use in California but does not display values used in converting from weight to volume (gal). If billing by volume, a worksheet must be used to display the values that are used in the conversion. Contact the CA Division

of Measurement Standards for information on acceptable worksheet formats.

A *Net Weight Only* mode is available to be compliant with California regulation. On the *Configure Scale Interface* window's *Printer* tab, the *Ticket Type* must be set for the *SASI-California*. Additionally, the *Default Ready for Transfer ON* option on the *General* tab and the *Scale Is Negative Hopper* option on the *Scale* tab must be selected. This captures the *Gross Weight*, records the *Tare Weight* as zero, and assigns the *Weighmaster* from the Gross to the Tare. When the California Scale Interface Ticket is printed, the *Tare Weight* is suppressed on the document and the *Gross Weight* heading is changed to *Net Only*.