Agvance Grain Scale Interface Setup for the Perten AM 5100 Moisture Tester

Overview

The Perten AM 5100 Moisture Tester has the ability to communicate with the Scale Ticket Interface through the PC's Com port. The Scale Interface will read in the moisture and test weight values from the Perten AM 5100 Moisture Tester
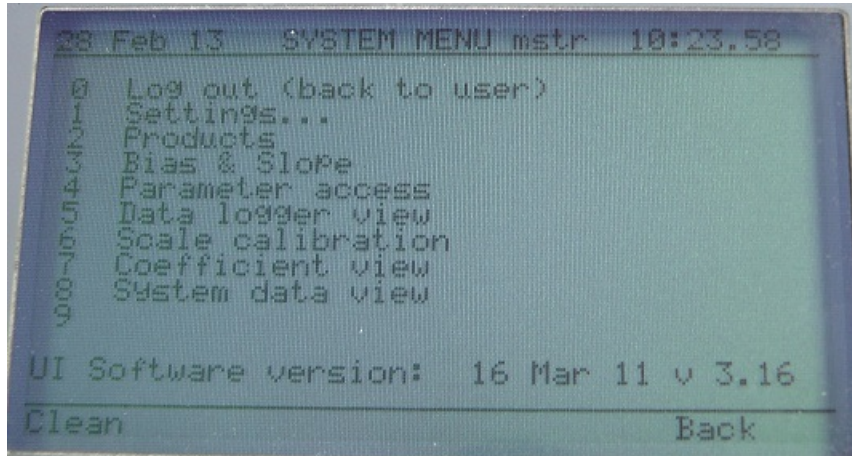
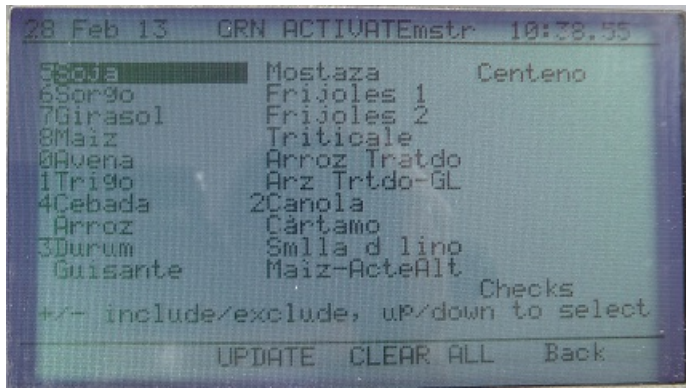## Setup

Moisture Tester Directly Into The PC

The Moisture Tester can be used directly with the PC by plugging a null modem connector into the back of the PC, then plug a cable into the null modem and run to the serial to USB converter (one bought only from Perten). The other end of the converter plugs into a com port on the back of the moisture tester.

Perten AM 5100 Setup to Interface with Agvance Grain

From the Perten main menu, select the Products menu item.

Select the commodities that will be tested.

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Model – select the moisture tester model being used.

Com Port – this is the PC Com Port that the cable from the Perten AM 5100 Moisture Tester is plugged into.

Baud Rate – the communications speed – must match the baud rate of the Perten AM 5100 Moisture Tester.

Parity – used when communicating with the Perten AM 5100 Moisture Tester – must match the setting of the Perten AM 5100 Moisture Tester.

Data Bits – used when communicating with the Perten AM 5100 Moisture Tester – must match the setting of the Perten AM 5100 tester.

Stop Bits – used when communicating with the Perten AM 5100 Moisture Tester – must match the setting of the Perten AM 5100 Moisture Tester.

Moisture Grade Factor – double-click to select a moisture grade factor. The moisture grade factor selected will be used for all commodities.

Test Weight Grade Factor – double-click to select a test weight grade factor. The test weight grade factor selected will be used for all commodities.

Using the Perten AM 5100 Moisture Tester on the Scale Ticket

1. Check the *Enable Tester* checkbox.

   Note: The *Enable Tester* checkbox is not available if the Moisture Tester Setup is not complete.

2. When moisture results are returned on the Perten AM 5100 Moisture Tester, the Capture Values button becomes enabled on the Scale Ticket.

3. Click on the **Capture Values** button to read the values into the grid.

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