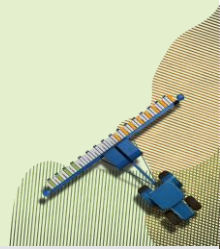




Introduction to: SmartBox® + Calibration



This document introduces SmartBox+ calibration.
For more complete details, please visit:

SIMPAS.com/resources

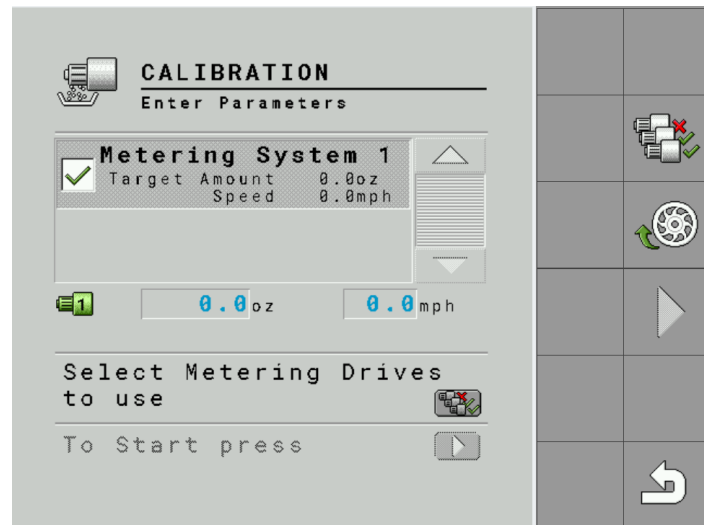


Preparation:

1. Run the system, make sure product is flowing from all rows.
2. Gather catch bottles, collection jugs and a scale.
3. Install clean, empty catch bottles on all rows to be calibrated.

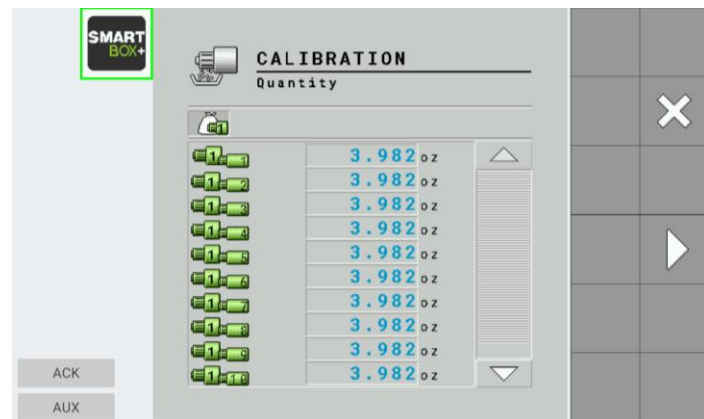
Setup:

1. Verify the application rate (target rate) is set.
2. Choose the amount of product to be dispensed during the calibration sequence:
 - We recommend 4 ounces.
3. Choose the simulated ground speed for the calibration sequence:
 - We recommend your intended planting speed.
4. Choose the rows to be calibrated:
 - Generally, the entire planter will be calibrated at once.
 - If needed single rows can be calibrated.



Calibration:

1. The calibration sequence runs automatically.
 - A. The software determines how long each meter needs to run to dispense the target amount.
2. Remove each catch bottle with dispensed material and weigh it.
 - A. **Keep careful track** of which bottle is on which row.
3. On the display, enter the weight caught for each row.
4. Complete the calibration process.
 - A. The software calculates and saves the new calibration numbers.



Acceptable limits:

The catch amount should be within 0.1 oz of the target amount.

For example, if the target is 4.0 oz, the catch weight should be more than 3.9 oz and less than 4.1 oz. If necessary, repeat the calibration to achieve this level of accuracy.

A new meter will likely require 3 calibration sequences to achieve the desired level of accuracy.