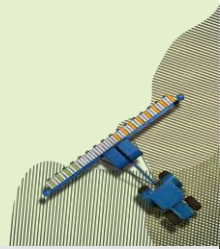




# SmartBox<sup>®</sup> + Troubleshooting: High Contamination Warning



This document provides detailed guidance on Troubleshooting the 'High Contamination' Warning with SmartBox+

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## High Contamination Warning:

### Description:

The High Contamination warning occurs when one or more Meters is powered on with either a complete or nearly complete blockage in the meter.

### Consequences:

If the system is operated after this warning has been shown the Blockage indication will not function correctly.

During startup, the Blockage function performs a self-calibration procedure, to account for any dust clinging to the blockage windows. When this procedure is performed with a blocked window the resulting calibration value is too high for the blockage system to function correctly.

It is likely that the Blockage indicators will show blockages occurring when there is no blockage.

Alternately the Blockage indicators may show product flowing when there is a blockage

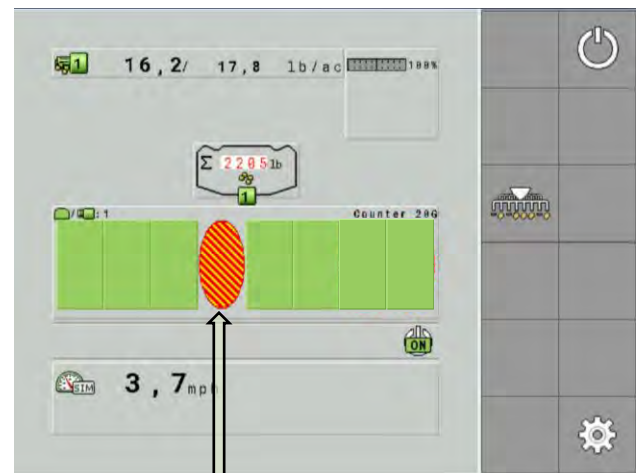
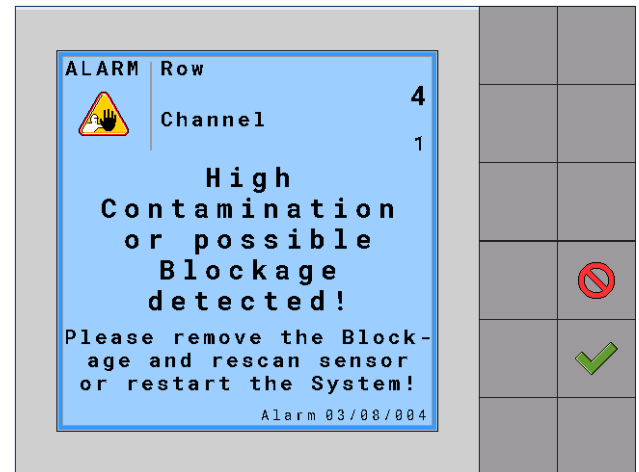
### Resolution:

To avoid the issues described above, it is important to ensure that all Meters are cleared of blockages before the system is powered on.

### Best Practice to prevent the issue:

It is recommended to ensure that all rows are free from blockages or product when the system is powered down.

It is particularly important to ensure the system is free of product at the end of the season when putting the planter away for the year. It is likely that Meters left with product for long periods will become permanently blocked.



**Incorrect 'No Flow' warning**