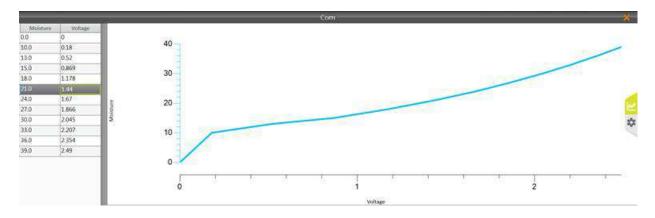# Frequent Moisture Retare Messages

Problem Description: Receiving retare messages because of moisture readings moving outside the retare margin (i.e. above 1%).

Recommended Solution:
1. Some trash or debris may be caught on the blade. Operators should always verify that the moisture blade is clean and free of any debris.

2. The moisture curve calibration may not be accurate between 0 and the lowest point (as shown below). This phenomenon can occur with both Mirus and FRS.

In the example above, the moisture voltage only needs to change by .02 volts to product 1%. Obviously the moisture is not accurate below 10% and is causing the moisture to fluctuate with an empty bucket (i.e. noise level).

To reduce the chance of an inadvertent retare message between plots, simply change the lowest point in your curve to one percent moisture equal to .3 volts (as outlined below). Doing this will not change any of the points above 12% but will give more range below 1%.