

## Calibration Procedure for Calibrator IV

1. When using a Cirus, Raven or Micro-Trak controller, calibrate distance/speed first.
2. Load truck and fill conveyor or auger with the product you wish to calibrate.
3. If a spinner is present, remove and place calibration box under discharge hole. (Be careful not to touch box sides to any part of truck which could affect the weight of the box).
4. Bring rpm to 1,500, and run a short sample to fill conveyor/auger.
5. Set cab controls, i.e. Cirus, Raven, or Micro-Trak, or manual knobs to a manual application rate i.e., 200 lbs. per lane mile. Put in a self test speed or use a time method.
6. Zero out total lbs on Cirus, Raven, or Micro-Trak control head, and zero out the indicator on the calibration box.
7. Start applying materials and run between 200 – 400 lbs. off.
8. Shut spreader off after desired pounds are achieved then compare the two weights. Always call the scale box the known weight.
9. Use a simple math formula to re-figure the calibration number.

Example only:

The current meter cal. number is **160** and the controller head weight reads **400 lbs**  
Divided by calibration box weight of **305 lbs**

$$\frac{160 \times 400}{305} = 210 \text{ new cal. number}$$

10. Zero everything out and run test for verification of weight.