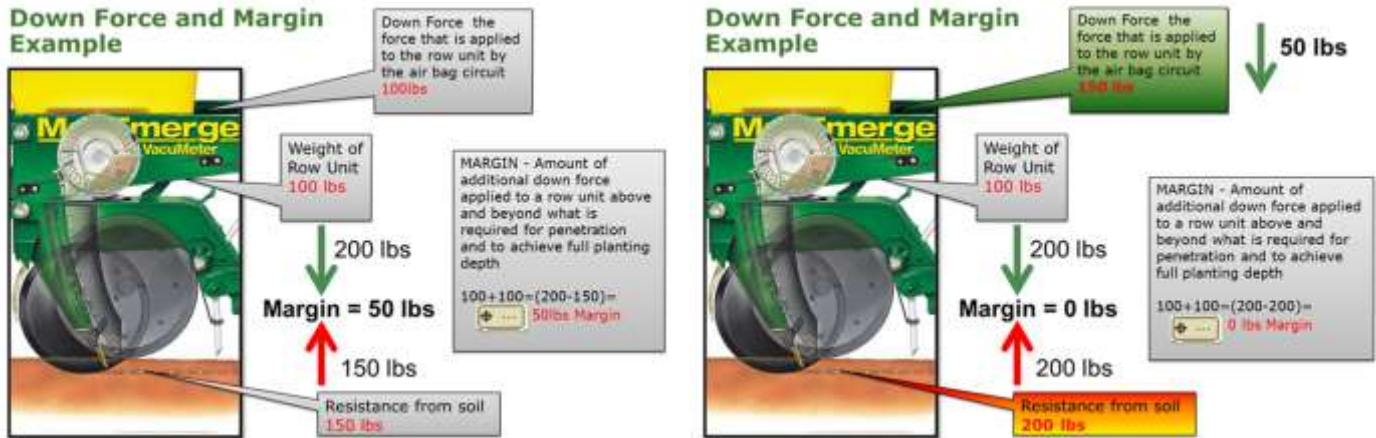


## Down Force & Margin

**Load** – Weight carried on row unit depth gauging system

**Margin** – Amount of weight carried by row unit depth gauging system that is over and above what is required for the openers to penetrate to full depth

Target Margin is entered on Down Force Sensor setup page:



What is an ideal target margin?

- Excessive row unit margin can lead to compaction
- Acts as a safety factor to maintain row unit depth
- Defines seed furrow
  - The function of the gauge wheels is to set depth first, but they also firm the soil against the openers to create a defined seed furrow.
  - In soft or dry soil conditions, you may not need a lot of added down force to achieve full planting depth, but you may need it to create a defined seed furrow. If seed furrow collapses, you run the risk of poor emergence due to dry soil surrounding the seed.

We must set margin by examining your specific soil conditions.

