

Adjusting Active Pneumatic Down Force

1. Zero all PDF and Down Force Sensors properly before each planting season.
2. Make sure that there isn't a check mark in the Active PDF check box.
3. Plant a strip long enough to achieve amount of desired Down Force using previous Target Pneumatic Down Force Level or use 250 pounds as a starting point.
4. Before stopping note the Average, High and Low Margin values on the display. Margin is the extra Down Force applied to the row unit, over and above what is required for the opener disks to penetrate the soil and achieve full planting depth.
5. Complete an inground check of the seed trench.
6. Adjust Target Pneumatic Down Force Level depending on what you find during the inground seed trench check.
 - If the seed trench is too loose then increase Target Pneumatic Down Force Level by 20-50-pound increments
 - If the seed trench has too much compaction then decrease Target Pneumatic Down Force Level by 20-50-pound increments
 - The operating range for Target Margin is 15-400 pounds
7. Repeat steps 3-6 until the seed trench is acceptable.
8. When seed trench is acceptable put a check mark in the Active PDF check box.
9. Hold down on any of the SeedStar XP buttons until the Alarms and Limits Setup Page shows up on the display.
10. Enter the Average Margin value that you noted on step 4 for the Target Margin. Adjust the High Margin Alarm and Low Margin Alarm to desired values. The alarms will show up going through the field depending on what they are set to. When this is completed press the Accept Button.
11. Resume planting.
12. Periodically check seed trench and make necessary adjustments if needed. Different field conditions will require different Down Force settings.

