Planter Auxiliary Node Firmware Release Notes

Version 2.31.01

1. Corrected issue with Fan and Down Pressure Control ramping to 100% duty cycle when planter is lifted when PWM Preset is disabled (set to zero).

Version 2.30.07

1. Input/output updates to optimize fold functionality. Left marker moved to Digital Input 4, Right marker moved to Digital Input 13, Unfold moved to HB2 HI, added support for 4 vacuums and 3 down pressures, and Latch support removed.
2. Added support for 24V alarm on multi-hybrid planters.
3. Corrected logic for section valves 14 and 16.
4. Corrected AccuBoom mapping when additional Product Controllers are online.
5. Added support for tank fill monitoring system.
6. Fixed issues seen with low limit pressure and standby pressure control.
7. Dynamic Valve Cal added for Fast Valve Control.
8. Corrected issues with meter cals exceeding 10,000.

Version 2.10

1. Improvements made for Fan Control.
2. Added support for toolbar fold and marker capability when used in conjunction with OmniRow Switchbox.
3. Updated to utilize a 150psi transducer for pneumatic down pressure control.
4. Added 20 millisecond staggering of section valves turning on and off to reduce system inrush current.
5. Fixed issues seen with low limit pressure and standby pressure control.
6. Expanded support from 3 down pressure controls up to 4.
7. Switched metric units for vacuum fan control from kpa to inches of water.

Version 2.00

1. Initial production firmware release.