Dickey-john hydraulic drive on planters

Title: Support for a Dickey-john hydraulic drive on planters

Overview: The document will explain.
- Supported application of the Dickey-john Hydra Drive (HD 4180) with an Ag Leader Hydraulic Seed Rate Module.
- The cable needed to connect to the valve.
- Controller settings to properly control the drive.

Supported application of the Dickey-john Hydra Drive (HD 4180) with an Ag Leader hydraulic seed rate module:

This is a list on what is supported and what is not supported by Ag Leader.

Supported:
- A complete Hydra Drive (HD 4180) assembly installed on a planter to control seed rate (seeds/acre).

Not Supported:
- Dickey-john proportional valve attached to an off-the-shelf orbital motor.

Cabling used to connect a Dickey-john Hydra Drive (HD 4180) from a Ag Leader hydraulic seed rate module:

Use the White planter hydraulic drive cable.

PN: 4001677-6 Hydraulic Seed Control- White, 6ft
PN: 4001677-12 Hydraulic Seed Control- White, 12ft
Controller settings for a Dj Hydra-Drive (HD 4180) for planters:

- PWM Freq: 200
- PWM Gain: 300
- Zero flow offset: 36
- Gear ratio: depends on the install
- Encoder pulses: 360

For more information here is a link to Dickey-john's website on the Hydra Drive (HD 4180) assembly: [http://www.dickey-john.com/support/hd-4180/](http://www.dickey-john.com/support/hd-4180/)