LightReign Installation Guide

(ME5/ME2/XP/Max Emerge)

LightReign requires the use of Precision Planting's vDrive Motor and Can Hub Expansion Module

Underglow LED

1. Fasten the 3" LED light to the L shaped bracket using small screws and nuts.

2. Place L shape bracket on down force mounting bracket attached to the W-Plate.

3. Tighten L bracket to bolt utilizing the sandwich nut provided.

Chicken Light

1. Insert the round amber light into the wide hole of the 45 degree bracket using the rubber bushing to fasten the light in place.
2. Remove the top U-bolt nut on the row unit. (Left or Right)
3. Place 45 degree bracket on the free U Bolt with light facing the front of the planter.
4. Tighten the bracket.

Harnessing

1. Remove jumper from Can Hub that connects to vDrive Motor.

2. Replace jumper with OutPut harness provided.

3. (UNDERGLOW LED ONLY) Connect the two pin male Deutsch to the female end of the Underglow LED.

4. (CHICKEN LIGHT ONLY) Connect the two pin male Deutsch to the female end of the Chicken Light.

5. If utilizing both lights, use the Y of the Chicken Light to bridge between the Underglow LED and the replacement jumper.

6. Secure harness slack.

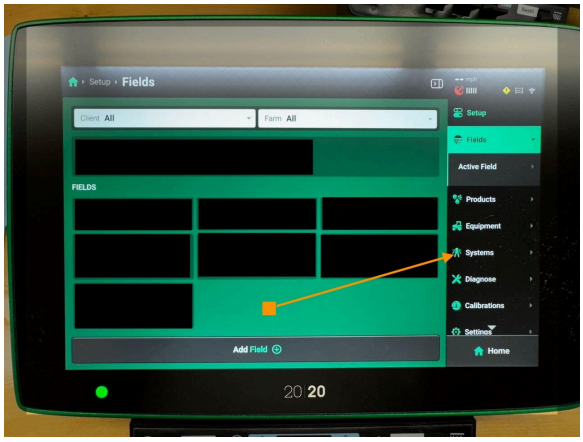
20/20 Setup (*2025.0*)

1. Open *Setup* page
2. Open *Systems* tab
3. Open *S*eeding tab
4. Press *Advanced Settings*
5. Press *vDrive Swath Output Mode*
    - (*Always On*) Lights are always on
    - (*Always Off*) Lights are always off
    - (*On While Planting*) Lights will be on when the vDrive motor is spinning
    - (*Off While Planting*) Lights will be on when the vDrive motor is not spinning

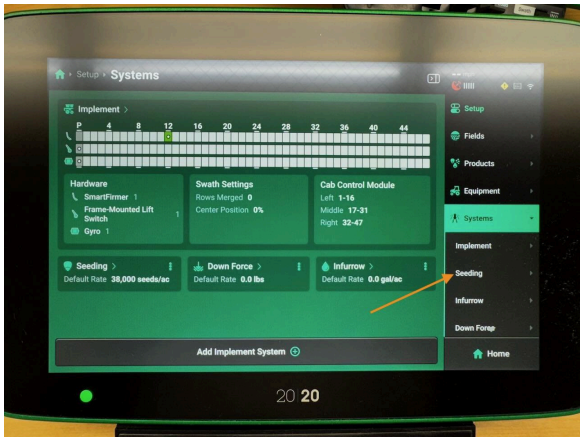
20/20 Setup (2025.1)

1. Touch Setup

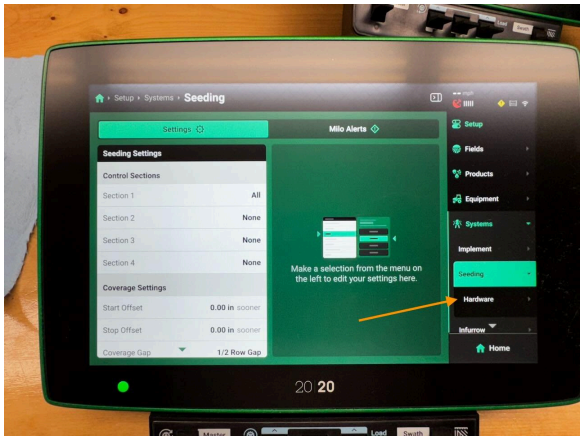
2. Touch systems in the right menu.



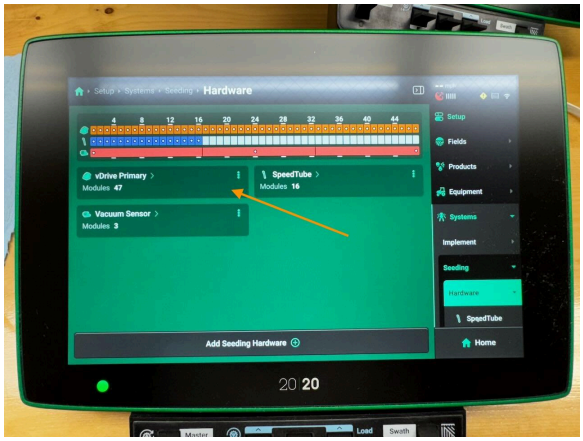
3. Touch Seeding in the right menu.



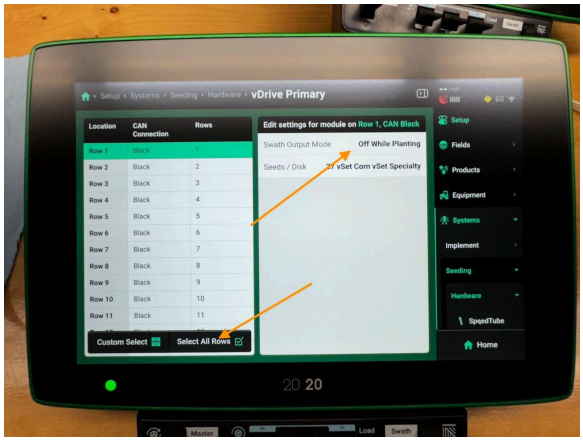
4. Touch hardware in the right menu.



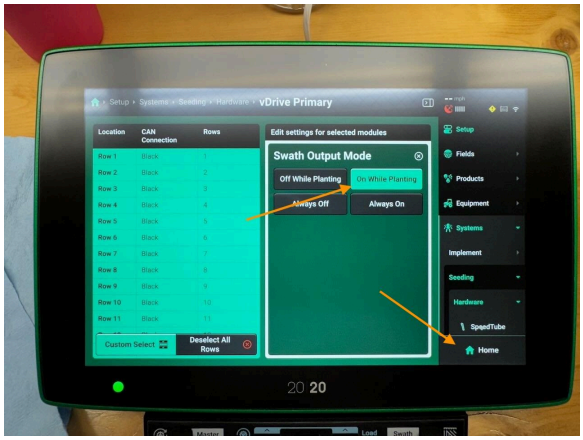
5. Touch vDrive Primary



6. Touch Select all rows then touch Swath Output Mode.



7. Touch On While Planting. Then Touch Home to return to your Run Page.


Setup • Systems • Seeding • Hardware • vDrive Primary
Location
CAN Connection
Rows
Row 1
Row 2
Row 3
Row 4
Row 5
Row 6
Row 7
Row 8
Row 9
Row 10
Row 11
Custom Select
Deselect All Rows
Edit settings for selected modules
Swath Output Mode
Off While Planting
On While Planting
Always Off
Always On
Setup
Fields
Products
Equipment
Systems
Implement
Seeding
Hardware
SpeedTube
Home
20:20