Caution Please Read!!

• **Note:**
  • This guide is intended for quick reference only. For complete set-up see owners manual, quick start guides and or your dealer.
  • The use of this guide is assuming that your system is set up and READY to go to the field.
  • The factory sets planters up generically.
  • Make sure that any and all **calibrations** are done before going to the field (see owners manual, dealer, or quick start guides).
  • This guide will help you get started planting by showing you how to get to the settings summary page, from which you can quickly adjust planting rates, meter pressure, Row Pro settings, and Swath Control settings.
  • Follow all safety rules and recommendations in Operator’s Manual.
In order to plant, the following steps are required:

1.) Check that correct seed discs are present in meter.
2.) Check that seed gates at Y-splitters are all open for seed delivery.
3.) Check that no foreign matter is present in air box, then open hopper door.
4.) Turn on fan and set oil flow to get XXXXRPM.
5.) Check that Marker/Fold switch is set to “marker” even if you do not have them.
6.) Fill meters with seed by performing “Row Fill”, and waiting 2 minutes.
7.) Check that correct seed and target population is set on monitor/controller.
8.) Perform “Fill Disk” to avoid leaving a skip when starting. If fan is stopped for any reason, then repeat this step.
9.) For hydraulic drive planters, turn on channel to enable meter operation. Valve calibration is strongly recommended.
10.) Pull forward and lower planter to begin planting. If there is a delay before starting to plant, you will need to re-enable seed meter drive due to safety delay.

YIELD-PRO® PLANTER

Model # ____________  Serial # ____________

Configurations

4 – Hyd. Drive  5 – Grd. Drive  6 – Air-Pro®  7 – Row-Pro™  9 – Swath Command™

Level 2 Access

Unit has been configured at factory and operated with these configurations.

<table>
<thead>
<tr>
<th>Material Configuration - Population</th>
<th>Split-Air Target Rate</th>
<th>Row-Pro Target Rate</th>
<th>Swath Command Setback</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.  _______  _______</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
<tr>
<td>2.  _______  _______</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
</tr>
</tbody>
</table>
**Yield-Pro® Planter w/AI-120 Terminal**

**Sections**
1) Explanation of the buttons on the screen.
2) How to unlock the system.
3) How to find my WSMT II Serial Number.
6) Changing Split-Air Settings.
   6A) Zeroing the Split-Air pressure.
7) Changing Row Pro Settings.
   7A) Re-setting load cell values.
8) Engaging planter Hydraulic Drive.
   8A) Explanation of button function.
9) Swath Command Settings.

**Sec. 1  Explanation of on screen buttons**

To see your work screen you must touch the terminal icon as shown here.

Once you have touched it the work screen will appear as a small window. You may then slide this to your large view.

***More information on this function is explained in more detail in the operators manual.***

**Note:** If your work screen is not your main screen, then you need to review your owners manual for further information on how to configure your screen.
Explanation of on screen buttons

These buttons on the left are very seldom used for daily functions. The PDCGY is the most important button for daily use.

The PDCGY button HOLDS all the buttons on right. The only way to see the right hand set of buttons you MUST have this button selected (as shown in the picture above).

Sec. 2 How to unlock the system

To unlock the system we must enter the unlock code.
- The unlock code is the WSMT serial number with a 2 in front of it (for level 2)
- More info is toward the bottom of this section on how to find the S/N for the WSMT.

Step 1) Select the summary button.

Step 2) Select the padlock option.

Write in your password here:
-Enter 2 followed by the WSMT Serial Number which is found in the INFO screen. This is explained on the last page of this section.
Example: If the S/N is 10663 then the unlock code is 210663

Then touch OK

Once you have correctly entered the unlock code then the words “Dealer screens on” should appear at the bottom of the screen as shown here.
You have unlocked the system to level 2.

Now your summary screen should be all yellow instead of gray.

This is an example of a system that is not unlocked, when most of the screen is gray.

Sec. 3 How to find my WSMT Serial Number

Select the Diagnostic button from the main work screen

From there touch the INFO button

This brings you to the INFO screen. From here you can locate WSMT and below this is your S/N number. This is your code.
Sec. 4 Hyd. Drive - Changing Populations

**Note: This is assuming that the system is unlocked. See the unlock section on how to unlock the system.

Select the Summary Button

Next make sure that Channel 1 is a black box, as shown here, by touching it.

This is the Summary Page

This will take you to the summary page. From there touch the yellow box as shown here.

This will bring you to the area you can change your Populations. NOTICE: Enter the amount in THOUSAND SEEDS per acre. Example: If you wish to plant 34,000 seeds per acre then you would enter 34.0

**Step 1** This is your target rate, the amount you wish to seed or your population.

**Step 2** Next you would make sure your MAX Rate is set (maximum rate you wish to plant).

**Step 3** Then you would make sure your MIN Rate is set (minimum rate you wish to plant).

**Step 4** Enter the percentage you wish to increase or decrease your population on the go.

**Note:** Once you have entered your changes by touching the highlighted area to be changed you MUST touch the **GREEN checkmark** to accept.
Once you have made your changes now return to your “Home screen” or another name is “Work screen” by touching the WORK SCRN button.

Notice: This will take you to the Work Screen

Notice: Your New Population should appear as shown here.

Sec. 5 Grd. Drive - Changing Population

**Note:** This is assuming that the system is unlocked. See the unlock section on how to unlock the system.

Select the SUMMARY button

Now make sure that the word PopMon shows at the top right of the screen as shown here.

If you see PopMon then touch the yellow area as shown here.
This will take you to the screen where you can change your Target Population. **NOTICE:** Enter the amount in THOUSAND SEEDS per acre. Example: If you wish to plant 34,000 seeds per acre then you would enter 34.0

Once you have entered your target you may touch the work screen button to return to the home screen.

**Sec. 6** Changing Split-Air Settings

Select the Summary Button

Next make sure that Channel 2 is a black box as shown here, by touching it.
Once you have blackened in Ch. 2 box you may now touch the area shown here.

This will take you to the Material Setup screen.

Change your target air pressure to what is desired.

NOTE: Once you have entered your values by touching the highlighted area to be changed you MUST touch the GREEN checkmark to accept it.

Once you have changed your Split-Air, then return to your “Home screen” or another name is “Work screen” by touching the WORK SCRN button.

Notice: This will take you back to the Work Screen
Zeroing the Split-Air Pressure

Sec. 6A

**Note:** This is assuming that the system is unlocked. See the unlock section on how to unlock the system.

Select the Summary Button

Once you have selected the summary button it will take you to the summary page.

Next make sure that Channel 2 is a black box, as shown here, by touching it.

Once you have blackened in Ch. 2 box you may now touch the area shown here.

This will take you to the Channel Setup screen.

Zeroing the pressure in the split air is recommended throughout the day due to barometric pressure changes.

This is done by touching the area shown here. Fan must be off to enable pressure reset.
Once you have zeroed out your Split-Air, now return to your “Home screen” or “Work screen” by touching the WORK SCRN button.

Notice: This will take you to the Work Screen

Sec.7 Changing Row Pro Settings

Select the Summary Button

Next select the highlighted Row-Pro box.
Enter your Target rate as shown here. Note: Once you have entered your values by touching the highlighted area to be changed, you MUST touch the **GREEN checkmark** to accept it.

Note: For full instructions on the Row Pro, see owners manual.

Next return to the home screen by touching the work screen button, or you may need to Zero your load cells out. See next section for this.

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**Sec. 7A  Re-setting Load Cell Values**

*Note: This is assuming that the system is unlocked. See the unlock section on how to unlock the system.*

If you have a weight reading when the planter is up, or if you have a false reading it is recommended that you reset the load cell values.

From the Summary page select the DPRESS SET button

Next touch the SET OFFSET button.
Once you get here you must read the screen and make sure you are ready to continue.

Next touch OK.

After you are done then touch the Work Screen to return home.

Sec. 8  Engaging planter hydraulic drive

Two ways to do this.

Option 1
Using the “soft key” on the screen.

Select the Control On button to engage the Planter.

*Note. Make sure that the planter is in the ground and you are ready to plant.

**** All “soft key” (touch screen buttons) that control a function are buttons of intent!! This means that if you want to turn your planter on you must touch.

If you wish to shut it off you must touch

This is explained on the last page in this section.
Option 2
Using the external switch.

*Notice* the Control On button is not present when the external switch is configured.

When using the External Switch the icon will leave and the Control On becomes the switch that is wired to the main harness.

*Note*

This External Switch becomes the new Control ON.

To engage the planter toggle the switch to the On position to “turn” the planter on.

Sec. 8A  Explanation of button function

This button (when shown like this means the planter is off) when touched turns the planter on!

This button (when shown like this means the planter is on) when touched turns the planter off!

*Note:* In short it is the opposite of what most people would think, meaning that if it says on it is really off.
Sec. 9 Dialing in Swath Command

**Important:** Accuracy of Swath Command is dependent upon accurate measurements between the GPS receiver and where seed is placed in the ground. Failure to enter exact measurements will impact the system’s performance to shut row sections off at the proper location within the field. Refer to AI-120 & IntelliAg manual that these measurements are entered correctly before making any further adjustments.

**Timing**
Timing is an adjustment to gap or overlap of product application when entering a headland and using section control. Two timing options to turn sections on and off are required.

- **ON TIME** - On Time establishes when actual product application starts after the sections are switched on.

- **OFF TIME** - Off Time establishes when actual product application stops after the sections are switched off. Off time cannot exceed the On time setting.

- **Note:** This is a **SPEED** based timing, meaning that you must maintain the **SAME** speed when entering and leaving your headlands.

### Setting Timing

1. Select the wrench button
2. Select Implement
3. Select Section Control
4. Select Timing

From this screen you may dial in your Swath Command by touching one of these 2 options.

When done setting timing then return to the home screen by touching this button.
**Disclaimer**

- Any and all information that was presented in this guide can be found in more detail in the owners manual, quick start guides, and on our website.

- Each quick start guide is specific to your **model** of planter.

- This book is intended to explain and show one how to change or modify settings for daily operation basis and NOT intended for sole operation of your planter.

- Please contact your dealer for complete set-up, calibration, and operation of your YP planter.