Quick Setup Guide for IntelliAg Model 3PYP 16 Row Single Row Air Pro

The Quick Setup Guide assumes the Virtual Terminal, Master Switch, Working Set Master Module, Working Set Member Module, and all sensors have been connected and properly installed. Refer to Operator’s manual for installation instructions. NOTE: The master switch is only required for hydraulic control systems. Reference the manual for instructions to assign a master switch as an auxiliary input.

STEP 1: Pre-Programming Preparation:
1. Power on vehicle via ignition switch to activate Virtual Terminal (VT). Main menu will display pre-programmed default settings.
2. If errors are detected (e.g., failed sensors, incorrect configuration) an alarm and code displays. Alarms are silenced by pressing the Alarm Cancel button. Refer to Operator’s manual for troubleshooting assistance.
3. The system has three user levels. The system loads in User Level 1 (operator level) at every power cycle. Access to User Level 2 and 3 screens to setup constants (system configuration) requires a password.

STEP 2: Change User Level to Dealer Level
To change the user level, a 6-digit password is required. Password includes the five-digit serial number found on the label of the Working Set Master or Information screen.
1. On the IntelliAg Main Work screen, press the Diagnostics button.
2. At the Diagnostics screen, press the Information button.
3. At the Information screen, record serial number of WSMT.
4. Press the Password button.
5. On the Password screen, enter the six digit password as follows: enter the first digit as 2 for User Level 2. For the next five digits, enter the Working Set Master serial number taken from the WSMT or Information screen.
6. Press the OK button. “Dealer screens on” appears at the bottom of screen confirming the password and dealer screens are activated.
7. Press the Work Screen button to return to the Main Work screen.

STEP 3: Auto Configuration (Identifies sensors connected to each module)
Auto config is performed at the factory, but may need to be done in the field as changes are made to the system or if options are added to the base planter.

1. Verify Auto Config results are correct. Check that the correct number of rows are assigned to the correct module and number of hopper sensors are assigned accurately.

To Run Auto Config:
1. Press the Next Page button until the Module Configuration button appears.
2. Press the Module Configuration button.
3. Press the AUTO CONFIG button.
4. Hourglass will indicate system is being configured detecting the presence of seed or hopper sensors connected to each module and will be automatically assigned to the appropriate module.
5. When Auto Config completes, press the Row Assign button to display the Row Assignment screen to verify correct Row # is assigned to the correct module based on serial number.
6. Enter # of rows assigned to each module.

STEP 4: Row Status/Row Width Setup
1. At the Row Assignment screen, press the I/O button. Begin entering desired values using Table A as reference.
2. Press the Work Screen button when Row Status/Row Width configurations are complete to return to the Main Work screen.

STEP 5A: Material Configuration Setup (Controlled Hydraulic Drive)
15 different materials can be configured for use as planter controls. Reference the System Configuration section in the Operator’s manual for additional information.
1. At the Main Menu screen, press the Control Setup button.
2. Select and press one of the Material buttons (Material 1-15).
3. Enter desired values from Table B.
4. Press the Control Setup button to return to the Control Setup screen.
5. Repeat steps 2-4 for additional materials.
6. Press the Channel Setup button to proceed to channel setup screen.

<table>
<thead>
<tr>
<th>TABLE A: Row Status/Row Width Setup</th>
<th>Default Value or Value to Enter</th>
<th>Instructions/Definitions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Row Width</td>
<td>30”</td>
<td>Enter row width distance in inches to calculate seed rate correctly.</td>
</tr>
<tr>
<td>Auto Update Width</td>
<td>Enabled</td>
<td>When enabled, implement width will automatically calculate. If disabled, manually enter implement width.</td>
</tr>
<tr>
<td>On/Off Pattern Every Row On</td>
<td>Every Row On</td>
<td>On/Off Pattern indicates specific row patterns to be on or off. Select pre-defined planter All Row On pattern. For other pre-defined planter patterns or individual row settings, reference Operator’s manual.</td>
</tr>
<tr>
<td>PopBlock Pattern Every Row Population</td>
<td>Determines which sensors are used to calculate population and those used only for blockage detection. Select pre-defined Every Row Population. For other pre-defined patterns, reference Operator’s manual.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TABLE B: Material Setup</th>
<th>Default Value/Value to Enter</th>
<th>Controlled Hydraulic Drive Instructions/Definitions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Label</td>
<td>Mat 1</td>
<td>Material Name can be customized to accurately define the material’s type. Creating a name allows for quick identification at the Control Setup screen.</td>
</tr>
<tr>
<td>Type</td>
<td>Planter Control</td>
<td>Desired type of application control channel being used for a specific material. The Material Type must correctly match the Control Type to be able to select Material from the Material Summary screen and operate properly.</td>
</tr>
<tr>
<td>Units</td>
<td>Ks/Ac</td>
<td>Automatically changes with the type of material application selected. Changes units for target application.</td>
</tr>
<tr>
<td>Preset Method</td>
<td>Enable</td>
<td>Enabled Preset Method allows 10 user-defined target rates to be adjusted from the Main Work screen using Inc or Dec buttons. A Disabled Preset Method increases/decreases the target rate based on the % values set at the Material Setup screen.</td>
</tr>
<tr>
<td>Seeds per Rev</td>
<td>See Manual</td>
<td>Set to number of seeds per 1 disc revolution.</td>
</tr>
<tr>
<td>Disc Low Limit</td>
<td>5</td>
<td>Set to desired min seed disc RPM.</td>
</tr>
<tr>
<td>Disc High Limit</td>
<td>37</td>
<td>Set to desired max seed disc RPM.</td>
</tr>
<tr>
<td>Product Level Alarm</td>
<td>Sets the level to trigger an alarm alerting to I work product levels. Entered value is an estimate in volume.</td>
<td></td>
</tr>
<tr>
<td>High Pop Alarm</td>
<td>15%</td>
<td>This is the percentage above the target population of the planter channel if rows are assigned to the planter channel. If rows are not assigned to a planter, this is the percentage above average planter population for all unassigned rows.</td>
</tr>
<tr>
<td>Low Pop Alarm</td>
<td>15%</td>
<td>This is the percentage below the target population of the planter channel if rows are assigned to the planter channel. If rows are not assigned to a planter channel, this is the percentage below average planter population for all unassigned rows.</td>
</tr>
<tr>
<td>Row Fail Rate</td>
<td>2/1 (2 seeds every 1 second)</td>
<td>Set to desired number of seeds per second to trigger seed sensor failure alarm.</td>
</tr>
</tbody>
</table>
**Quick Setup Guide for IntelliAg Model 3PYP 16 Row Single Row Air Pro**

**STEP 5B: Material Configuration Setup (Ground Driven Metering)**

For Ground Driven Metering, control channels 1, 3, and 4 MUST be disabled and the Monitor Only feature selected at the Control Setup screen.

**NOTE:** A Material Name must also be selected at the Row Monitor Setup screen to activate high and low population alarms.

- Step 1: At the Main Menu screen, press the Setup button.
- Step 2: Select the Material Setup (Ground Driven Metering) button.
- Step 3: Enter desired values from Table A.3.
- Step 4: Press the Next Channel button to return to the Control Setup screen.
- Step 5: Press the Channel Setup button to proceed to Channel Setup screens and disable any active channels.

**STEP 6A: Planter Control Channel Setup**

(Controlled Hydraulic Drive)

1. At the Control Setup screen, press the Setup button.
2. Select Channel 1 and verify that the channel is set to Planter Control.
3. Enter desired values using Table A.4 as reference.
4. After planter control setup, calibrate hydraulic valve by pressing the Valve Cal button.
5. Ensure implement is raised. With brakes locked and transmission in PARK position, start engine.
6. Engage hydraulics and run engine at normal speed until hydraulic fluid is at operating temperature.
7. Verify point row clutches are turned ON.
8. Do NOT perform this step unless meters are installed in all locations across planter row units or drive damage will occur.
   - Press the START button. The valve calibration will immediately start. Keep the hydraulics engaged until the calibration completes.
   - When the screen indicates calibration is complete, press the Channel Setup button to return to Channel 1 home screen.
10. Turn the master switch to the OFF position.
11. To set up additional control channels (planter or fertilizer control), press the Next Channel button.
12. Press the Work Screen button when channel configurations are complete to return to the Main Work screen.

Once a control channel has been established as Planter Control, any new materials established as Planter Control on the Material Setup screen will automatically be added as optional materials for Planter Control channels on the Control Setup screen.

**STEP 6B: Planter Control Channel Setup**

(Ground Driven Metering)

**NOTE:** When using a ground drive/nonhydraulic application to monitor population, control channels 1, 3, and 4 must be disabled and Material Setup configured for Monitor Only. A Material Name must also be selected at the Row Monitor Setup screen.

1. At the Control Setup screen, press the Channel Setup button.
2. Select Channel 1 and verify that the channel is set to Disabled.
3. Press the Next Channel button to change all other control channels to Disabled.

<table>
<thead>
<tr>
<th>TABLE B2: Material Setup</th>
<th>Default Value/ Value to Enter</th>
<th>Ground Driven Metering Instructions/Definitions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Monitor Only</td>
<td>Desired type of application control channel being used for a specific material.</td>
</tr>
<tr>
<td>Units</td>
<td>Ks/Al</td>
<td>S/Sec</td>
</tr>
<tr>
<td>Target Population</td>
<td></td>
<td>Desired rate of application</td>
</tr>
<tr>
<td>High Pop Alarm</td>
<td></td>
<td>Warns of a high population problem. Values are % based.</td>
</tr>
<tr>
<td>Low Pop Alarm</td>
<td></td>
<td>Warns of a low population problem. Values are % based.</td>
</tr>
<tr>
<td>On/Off Pattern</td>
<td></td>
<td>Rows can be automatically turned ON or OFF according to the pattern.</td>
</tr>
<tr>
<td>Row Fail Rate</td>
<td>2/1 (2 seeds every 1 second)</td>
<td>Set to desired number of seeds per second to trigger seed sensor failure alarm.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TABLE C: Planter Control Setup</th>
<th>Default Value/ Value to Enter</th>
<th>Instructions/Definitions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Planter Control</td>
<td>Displays only materials that have been configured for the channel type.</td>
</tr>
<tr>
<td>Control Mode</td>
<td>AUTO</td>
<td>Auto is used in normal operating conditions calculating the rate of how the system is running. Manual mode acts as an override if application rate sensors are inoperable allowing the use of increase/decrease buttons to set the flow rate for the control. Refer to System Configuration section of Operator’s manual for additional information.</td>
</tr>
<tr>
<td>Drive Type</td>
<td>PWM</td>
<td>A hydraulic valve varies the oil flow to the motor proportioned to the electric current supplied.</td>
</tr>
<tr>
<td>Drive Frequency</td>
<td>100 Hz</td>
<td>If not using a DICKEY-john supplied valve, see the manufacturer’s specifications for drive frequency.</td>
</tr>
<tr>
<td>Input Filter</td>
<td>50</td>
<td>Feedback frequency filter for the control channel. DO NOT CHANGE.</td>
</tr>
<tr>
<td>Gear Ratio</td>
<td>1.900</td>
<td>Specify the actual ratio from the feedback sensor to the seed meter shaft RPM. Number of revolutions the feedback sensor turns in relation to one revolution the seed meter turns.</td>
</tr>
<tr>
<td>Sensor Constant</td>
<td>360</td>
<td>Sensor Constant establishes the number of pulses for one revolution of the feedback sensor. If a DICKEY-john application rate sensor is used, the value should be set to 360.0.</td>
</tr>
<tr>
<td># of Seed Rows</td>
<td>16</td>
<td>Entry of a specific number of seed rows for the control channel. Row assignment is given a priority based on the channel and will be assigned sequentially thereafter. Channel 1 is always assigned to the first set of rows, Channel 2 next set of rows, and so on.</td>
</tr>
<tr>
<td>Channel Width</td>
<td>480</td>
<td>Manual entry of the channel width for rows assigned to a specific channel. Width calculation can be determined by # of planter rows assigned to the channel multiplied by the row spacing.</td>
</tr>
<tr>
<td>Precharge Time</td>
<td>+ 0.0</td>
<td>Typically used during startup conditions in the field, a Precharge time is a specified time a control channel will operate at the defined Precharge Ground Speed. Must be entered as a positive (+) number.</td>
</tr>
<tr>
<td>Delay Time</td>
<td>- 0.0</td>
<td>Length of time before the control channel will start after the master switch has been turned ON and the implement switch is in a lowered position. Must be entered as a negative (-) number.</td>
</tr>
</tbody>
</table>

11001-1530A-201209
©2012 DICKEY-john Corporation
Specifications subject to change without notice.
### STEP 7A: Material Configuration Setup (Split Air Regulation)

It is recommended that when setting a control channel for split air, the material name be created as “Air” to eliminate confusion between the actual material and the control used.

1. At the Main Menu screen, press the Control Setup button.
2. Select Material button 16.
3. Enter desired values from Table D.
4. Press the Work Screen button to return to the Main screen.

### TABLE D: Material Setup

<table>
<thead>
<tr>
<th>Material Setup</th>
<th>Default Value/Value to Enter</th>
<th>Split Air Regulation Instructions/Definitions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Split Air Reg</td>
<td>Desired type of application control channel being used for a specific material. CREATE MATERIAL NAME AS “AIR”.</td>
</tr>
<tr>
<td>Units</td>
<td>In H2O/Oz in²</td>
<td>Automatically changes with the type of material application selected. Changes units for target application.</td>
</tr>
<tr>
<td>Preset Method</td>
<td>Disabled</td>
<td>User-defined target rates can be configued and when enabled can be adjusted from the Main Work screen using the Increment/Decrement buttons.</td>
</tr>
<tr>
<td>Target Rate</td>
<td>2.00</td>
<td>Establishes the desired rate of application in inches of H2O.</td>
</tr>
<tr>
<td>Max Rate</td>
<td>5.00</td>
<td>Maximum application rate in inches of H2O.</td>
</tr>
<tr>
<td>Min Rate</td>
<td>1.00</td>
<td>Minimum application rate in inches of H2O.</td>
</tr>
<tr>
<td>Inc/Dec %</td>
<td>5%</td>
<td>Percentage of change of the entered target rate applied each time the Increment/Decrement button is pressed on the Main Work screen.</td>
</tr>
</tbody>
</table>

### STEP 7B: Planter Control Channel Setup (Split Air Regulation)

**NOTE:** Split Air Regulation must be configured as Control Channel 2 only.

1. At the Control Setup screen, press the Channel Setup button.
2. Select Channel 2 and select Split Air Regulation as the Type.
3. Enter desired values from Table E.
4. Press the Work Screen button to return to the Main screen.

### TABLE E: Planter Control Setup

<table>
<thead>
<tr>
<th>Planter Control Setup</th>
<th>Default Value/Value to Enter</th>
<th>Split Air Regulation Instructions/Definitions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Split Air Regulation</td>
<td>Configure Control Channel 2 as Split Air Regulation.</td>
</tr>
<tr>
<td>Control Mode</td>
<td>Auto</td>
<td>Control channel feedback based on air pressure sensor.</td>
</tr>
<tr>
<td>Drive Type</td>
<td>Air Reg 2</td>
<td>Automatically selects Air Reg 2 as drive type.</td>
</tr>
<tr>
<td>Input Filter</td>
<td>79</td>
<td>Amount of filtering applied to the control channel feedback frequency.</td>
</tr>
<tr>
<td>Pressure Drop</td>
<td>0</td>
<td>Difference in pressure sensor mounting location to the seed disk in inches of H2O.</td>
</tr>
<tr>
<td>Pressure Slope</td>
<td>447.2269</td>
<td>The change in pressure sensor voltage to a frequency readable by the IntelliAg system and measured in inches of H2O. Should only be adjusted by qualified personnel.</td>
</tr>
<tr>
<td>Pressure Offset</td>
<td>800</td>
<td>Takes a zero point reading that provides a frequency when the fan is off. Press the Zero Pressure button to calculate frequency.</td>
</tr>
<tr>
<td>Planter Selection</td>
<td>3PYP</td>
<td>Select planter selection of 3PYP automatically adjust to the appropriate calibration settings.</td>
</tr>
<tr>
<td>Sensitivity Adjust</td>
<td>0</td>
<td>Increases or decreases the calibration parameters in the ranges of -10 to +10. Increasing response time makes the system response quicker.</td>
</tr>
</tbody>
</table>

### STEP 8: Row Monitor Setup

1. At the Main Work screen, press the Row Monitor button.
2. Enter desired values using Table F as reference.
3. Press the Work Screen button to return to the Main Work screen.

### TABLE F: Row Monitor Setup

<table>
<thead>
<tr>
<th>Row Monitor Setup</th>
<th>Default Value/Value to Enter</th>
<th>Instructions/Definitions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Name</td>
<td>See Instructions</td>
<td>Material Name only appears on the Row Monitor Setup screen when all control channels are disabled and material is set for Monitor Only. This is only used for ground drive/nonhydraulic applications to monitor population with high and low alarms. A material must be configured and selected to activate alarms.</td>
</tr>
<tr>
<td>High Alarm Delay</td>
<td>5</td>
<td>Desired number of seconds that high population can be above high alarm point before alarm will sound.</td>
</tr>
<tr>
<td>Low Alarm Delay</td>
<td>5</td>
<td>Desired number of seconds that low population can be below low alarm point before alarm will sound.</td>
</tr>
<tr>
<td>Population Adjust</td>
<td>100</td>
<td>Enter a % to allow for seed sensor population inaccuracies to achieve the desired population display. 100% represents true calculation.</td>
</tr>
<tr>
<td>Population Filter</td>
<td>50</td>
<td>Set filter value to stabilize the monitored population display. Number can be set to 0% for no filtering and 99% for high level filtering.</td>
</tr>
<tr>
<td>Row Fail Rate</td>
<td>2/1 (2 seeds every 1 second)</td>
<td>Set to desired number of seeds per second to trigger seed sensor failure alarm.</td>
</tr>
</tbody>
</table>
STEP 9: Speed Set Calibration Setup
1. At the Main Work screen, press the Speed Set button.
2. Enter desired values using Table G as reference.
3. Press the Work Screen button when ground speed calibration configurations are complete to return to the Main Work screen.

STEP 10: Accessory Sensor Setup

**Hopper Assignment**
1. At the Main Work screen, press the Next Page button.
2. Press the Module Configuration button to display the Module Configuration screen.
3. At the Module Configuration screen, press the Hopper Assign button.
4. Press Hopper Set button.
5. Enter desired values using Table H as reference.

**RPM Assignment**
6. At the Module Configuration screen, press the Accessory Assignment button.
7. Press the RPM Setup button. NOTE: There must be at least 1 RPM sensor configured before the RPM Setup button appears on the screen.
8. Enter desired values using Table H as reference.

STEP 11: Clutch Folding Module (CFM) Setup

The CFM is installed in the cab to control row clutches, wing fold, marker tilt, and marker fold.
1. At the Main Work screen, press the Clutch CFG button to access the Clutch Configuration screen and verify that the correct # of clutches are configured for the system.
2. The Clutch CFG button only appears as a top level button when a planter output module and clutch folding module are installed.

<table>
<thead>
<tr>
<th>OUTPUT</th>
<th># OF ROWS</th>
<th>ROW #</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEFT</td>
<td>4</td>
<td>1-4</td>
</tr>
<tr>
<td>CENTER</td>
<td>8</td>
<td>5-12</td>
</tr>
<tr>
<td>RIGHT</td>
<td>4</td>
<td>13-16</td>
</tr>
</tbody>
</table>

**TABLE G:**

<table>
<thead>
<tr>
<th>Speed Set</th>
<th>Default Value/Value to Enter</th>
<th>Instructions/Definitions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source</td>
<td>Digital Frequency</td>
<td>Select CAN ground if radar is connected to ISO tractor cab harness. Select Digital Frequency if radar or hall-effect is connected to WSMT actuator harness.</td>
</tr>
<tr>
<td>Gspd Constant</td>
<td>12192</td>
<td>Input based on pulse count produced by the ground speed sensor over 400’ distance. See Operator’s manual for calibration instructions.</td>
</tr>
<tr>
<td>Shutoff Speed</td>
<td>0.5 mph</td>
<td>Set desired minimum ground speed allowed before the system shuts off.</td>
</tr>
<tr>
<td>Minimum Override</td>
<td>2.0 mph</td>
<td>Set to operate when actual ground speed falls below the designated value. Control will operate at this speed until actual ground speed rises above minimum override speed or actual speed drops below shutoff.</td>
</tr>
<tr>
<td>Master Sw Timeout</td>
<td>10</td>
<td>Set to desired number of seconds system shuts off if the master switch is turned on and there is no ground speed. Toggle master switch to restart the system and turn off alarm.</td>
</tr>
<tr>
<td>Gspd Fail Alarm Delay</td>
<td>5</td>
<td>Set to desired number of seconds alarm sounds after the ground speed is zero and seed flow continues. (Monitor only)</td>
</tr>
<tr>
<td>Precharge Ground Speed</td>
<td>0</td>
<td>Set to the desired speed the system will use when a precharge time has been enabled for a control channel. Refer to Table C1: Planter Control Setup for Precharge Time. This setting will only display when a Precharge Time has been entered.</td>
</tr>
<tr>
<td>Implement Lift</td>
<td>Enabled</td>
<td>Implement lift switch, when enabled, displays an implement lift indicator on the Main Work screen indicating implement lift position as up or down. Control channels can be turned on and off without using the master switch.</td>
</tr>
</tbody>
</table>

**TABLE H:**

<table>
<thead>
<tr>
<th>Accessory Setup</th>
<th>Default Value/Value to Enter</th>
<th>Instructions/Definitions</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Hoppers</td>
<td>1</td>
<td># of hopper sensors connected to each module (4 sensors maximum). # of hopper data items for each listed module and the Hop #’s value will automatically populate if Auto Config is used to configure installed sensors.</td>
</tr>
<tr>
<td>Logic Level</td>
<td>Active Lo</td>
<td>Sets the active state to low signifying that an alarm is generated if the sensor's output is in a low state. Use this setting if the connected sensor outputs a low condition when empty similar to the DICKEY-john hopper sensor.</td>
</tr>
<tr>
<td>Alarm Delay</td>
<td>5 sec</td>
<td>Controls the delay time between the detection of a high/low hopper alarm condition and the generation of the resulting alarm. The value is entered in seconds.</td>
</tr>
<tr>
<td>Channel</td>
<td></td>
<td>Assigns hopper sensor to channel.</td>
</tr>
</tbody>
</table>

**RPM Setup**

| High Alarm (fan speed) | 3000 rpm | Sets the RPM value at which a high RPM warning error is generated. |
| Low Alarm (fan speed)  | 1800 rpm | Sets the RPM value at which a low RPM warning error is generated. |
| High Alarm Delay       | 10 sec   | Establishes the delay between the detection of a high RPM alarm condition and the resulting alarm display. The value is entered in seconds. |
| Low Alarm Delay        | 10 sec   | Establishes the delay between the detection of a low RPM alarm condition and the resulting alarm display. The value is entered in seconds. |
| RPM Constant           | 3 pulses/rev | Number of pulses per sensor revolution. |
| RPM Filter             | 0        | Filters the signal out of the RPM sensor. |
| Disable Control on Low Alarm | Disabled | Allows for disabling of all control channels if the RPM value of the selected sensor falls below the low alarm level setting. |
STEP 12: Clutch Folding Module Operation
1. The planter section controls turn the left, center, and right clutch controls on and off. Hydraulic drive planters have 2 clutches and use left and right only.
2. The master switch must be in the ON position to activate any planter section. When a clutch control is ON, a green light will illuminate.
3. The frame control switches control the wing fold as well as tilt and fold of the markers. The switches operate on a priority order. When the priority 1 switch is active, any lower priority switch turned on will NOT operate until the switch that takes higher priority is turned OFF.

STEP 13: 5 Revolution Test
1. Press the Control Setup button.
2. Press the Channel Setup button.
3. Press the Next Page button.
4. Ensure implement is raised before starting 5 Rev Test.
5. With brakes locked and transmission in PARK position, start tractor engine.
6. Engage hydraulics and run engine at normal speed until hydraulic fluid is at operating temperature.
7. Press the 5 Rev button.
8. Test Ground Speed and Row data must be entered to perform test.
9. Press and hold remote test button to initiate 5 Rev Test.

STEP 14: Summary Screen
The Summary screen provides an overview of setup constants for active control channels.
1. At the Main Work screen, press the Next Page button.
2. Press the Summary button.
3. To view specific control channel configurations, press the respective control channel box 1-4.
4. Press inside a yellow highlighted box to open a specific screen for editing.
5. Press the Work Screen button to return to the Main Work screen.
System Component Installation

1. Locate and install system components as shown in the diagram. Note how the modules are identified and which modules are located on which sections in this system.
2. Connect WSMB module harnesses together with included extensions. Modules connect to the WSMT harness connection. Plug all unused connectors with included dust plugs.
3. Secure any excess wires with tie-wraps.
5. Power on monitor and program with correct constants as described on this Quick Start Guide.