

SRES Version 2.1.1.7 Planter Software

SRES 2.1.1.7 contains the following fixes for prior versions:

1. Distance errors no longer cause speed up during the next plots.
2. The start of the first plot follows the setback to give a straight end to the field.
3. Dividers are now off during Bulk Planting.
4. Simulate Checkhead is automatically selected when Bulk Planting is selected, to save a step.
5. Parallel/Serial checkbox is added in the Plot Settings menu.
 - a. This allows the same software to be used for all planters.
 - b. If your planter uses the 25 pin parallel port and 9 pin COM 2 on the back of the HammerHead, check the box marked "Parallel".
 - c. If your planter uses both 9 pin COM 1 and COM 2, leave the box marked "Parallel" empty.
 - d. If it is not set right, nothing will work, and you will see an NCP or NCS on the trip wire line when the Master On is selected.
 - e. This must be set for each settings file separately.
6. The only other setting that may need changed is the setback, which you should check anyway. When you open the program, all of your settings files should be there.

Please see the following page for instructions on loading the new program.

Updating the HammerHead Software

1. Connect the HammerHead to the desktop computer with the new planter software.
 - a. Connect the COM1 port on the HammerHead to a COM port on your desktop using a null modem cable, noting the COM port number for later.
2. Open the HyperTerminal on your HammerHead.
 - a. Double-click the **File Transfer** icon on your HammerHead.
 - b. Go to **Transfer – Receive File**.
 - c. It will say “*Place received file in the following folder.*” Go to the **HammerHead C:** drive. Select the **SRES** or **SRES2** folder, and click **Okay**, then **Close**.
3. Set up a HyperTerminal connection on your desktop.
 - a. If you have already set up the HyperTerminal, go to step 4.
 - b. Go to **Start – Programs – Accessories – Communications – HyperTerminal**.
 - c. A *Connection Description* dialogue box will appear. Type in the name of the new connection, such as “File Transfer” or “SRES Planter”.
 - d. Choose an icon. Click **Okay**.
 - e. A *Connect To* dialogue box will appear. At the bottom, next to *Connect Using*, choose the COM port that you connected the null modem to earlier.
 - f. A COM# Properties window will appear. Enter the following:
 - i. Bits per second **19200**
 - ii. Data bits **8**
 - iii. Parity **None**
 - iv. Stop bits **1**
 - v. Flow control **Hardware**
 - vi. Click **Okay**.
 - g. You should now be in the HyperTerminal Screen. Go to **Save As**, and save this connection for future use. You can save it to the desktop.
4. Open your HyperTerminal connection on your desktop computer.
 - a. Go to **Transfer – Send File**.
 - b. Click **Browse** to locate the new planter program, and click **Send**.
 - c. A window should appear on both the HammerHead and the desktop, one saying sending and the other receiving. It will usually take about 6-8 minutes to load.
5. Exit the HyperTerminal on both computers. A box will appear asking, “Are you sure you want to disconnect now?” Click **Yes**.
6. On the HammerHead, create a shortcut to the new planter program.
 - a. You may delete the shortcut to the old planter program.
 - b. Go to **My Computer – HammerHead C: - SRES(2)**.
 - c. The file you transferred should now be in the folder. It should look like little buildings. Hold the button in on the side of the pen to right click the icon.
 - d. Select **Create Shortcut**, and then drag the shortcut on to the desktop.
 - e. You can close out of all of the folders, and you should be ready to try the new program. It should appear the same and all of your settings from the last program will be there.