



Variable Rate Application




Househam Field Master


Househam Field Master/Variable Rate Doc

Before starting please make sure you have the following:

Househam Field Master

1 x USB Stick Named “Gate Keeper” or “Field Master”

Make sure the home screen has the GateKeeper symbol activated and that you have version V1.05 12M date 25th October 2012 installed or newer. You can find this by pressing the help button  on the home screen.

Also check to see if the variable rate is activated on your box, you will see this under the  symbol, and the words “variable rate” will be listed with others such as “boom control”. (If variable rate is not activated, contract Househam Sprayers on 01400-276000 to arrange activation).

Field Master Module Required:

- Variable Rate Activation and Maintenance Module

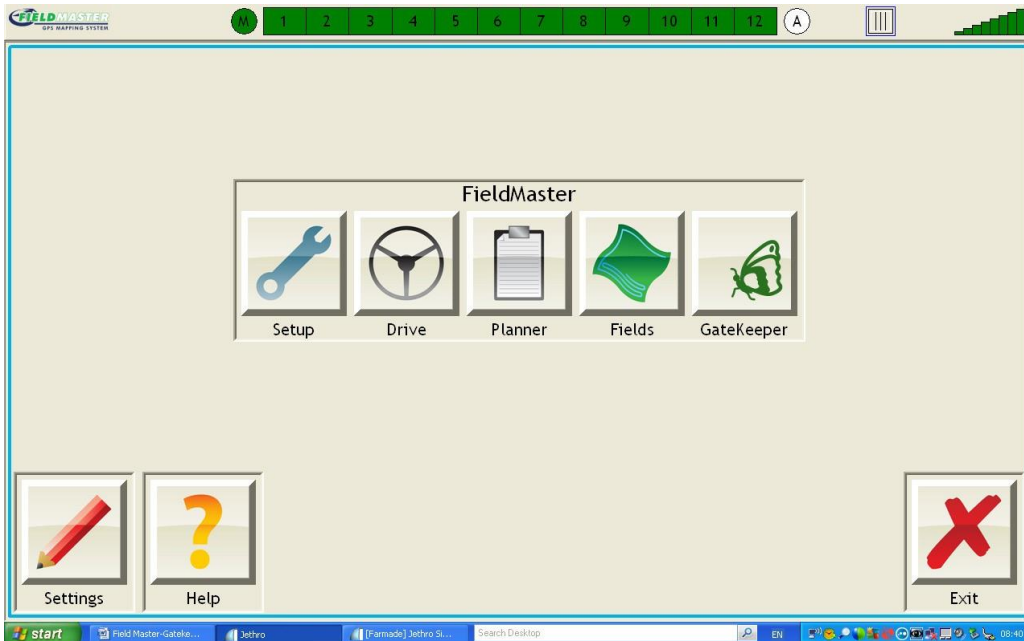
Putting Variable Rate Data onto the Memory Stick

- Ensure that the memory stick has been cleared and that no old field data is stored on the drive.
- Make sure again that the stick is named either “Gate Keeper” or “Field Master”.
- Do not put the jobs into separate folders on the “Memory Stick”.


Importing Variable Rate Files

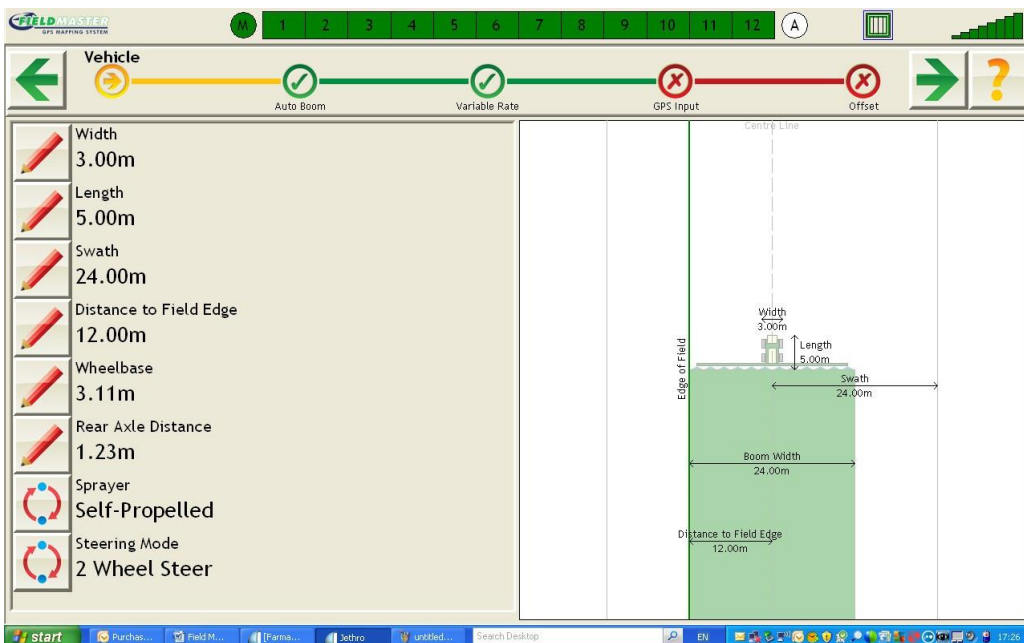
Fully load the Field Master Controller then install the USB Stick into the USB connection port. The USB pen drive must be named **GATEKEEPER** or **FIELDMASTER**.


Once the Field Master Controller is fully loaded "Home Page" will appear as below.

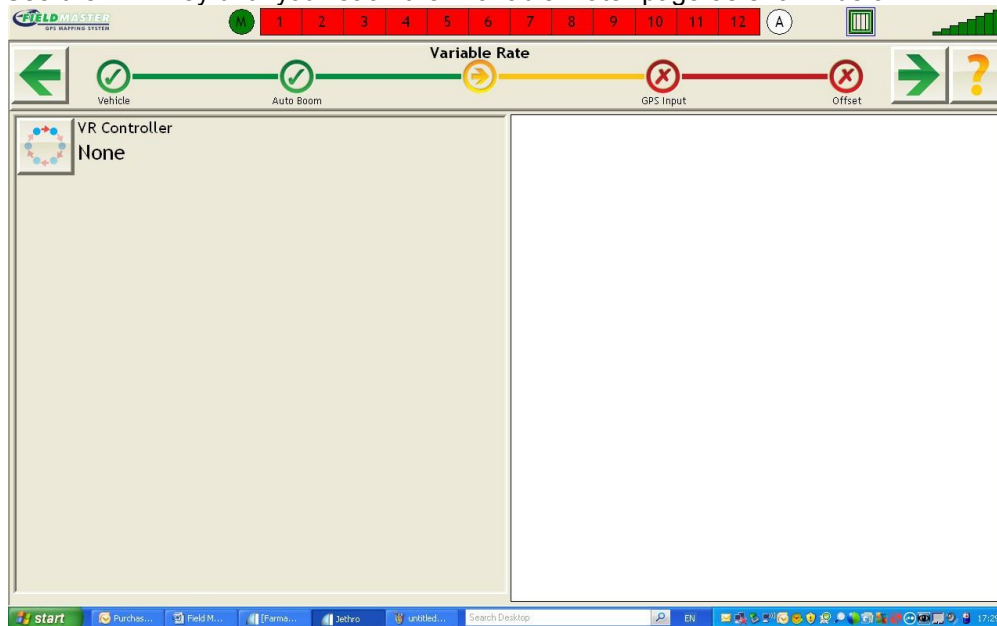



Setting your Field Master controller up for variable rate.

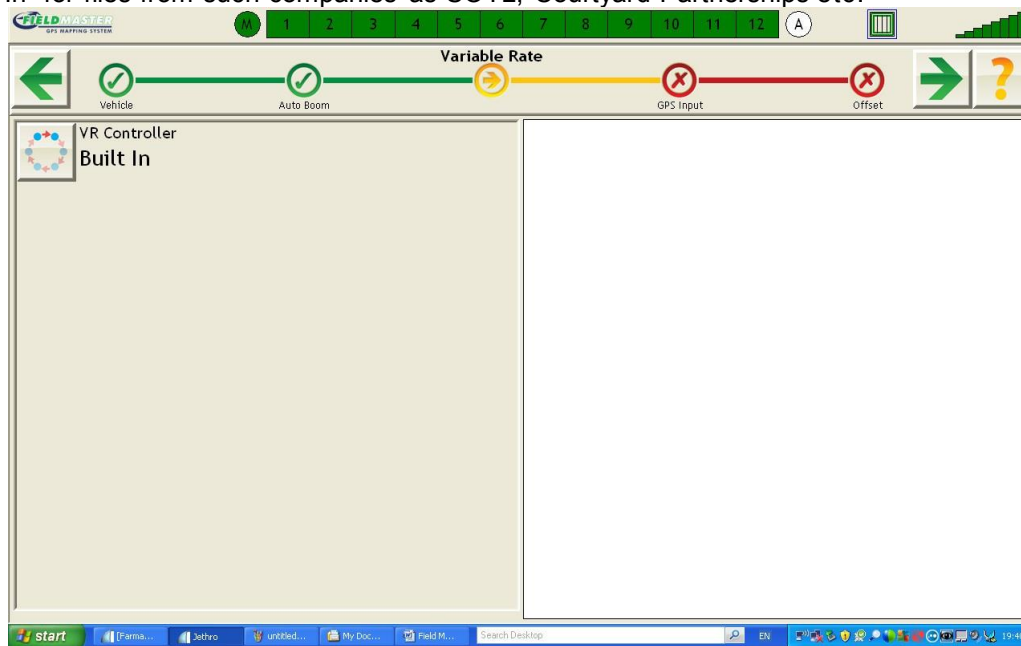
Select the  on the home screen this will open the setup page below. This page will differ depending on your machine size for example this one is for a 24m machine.




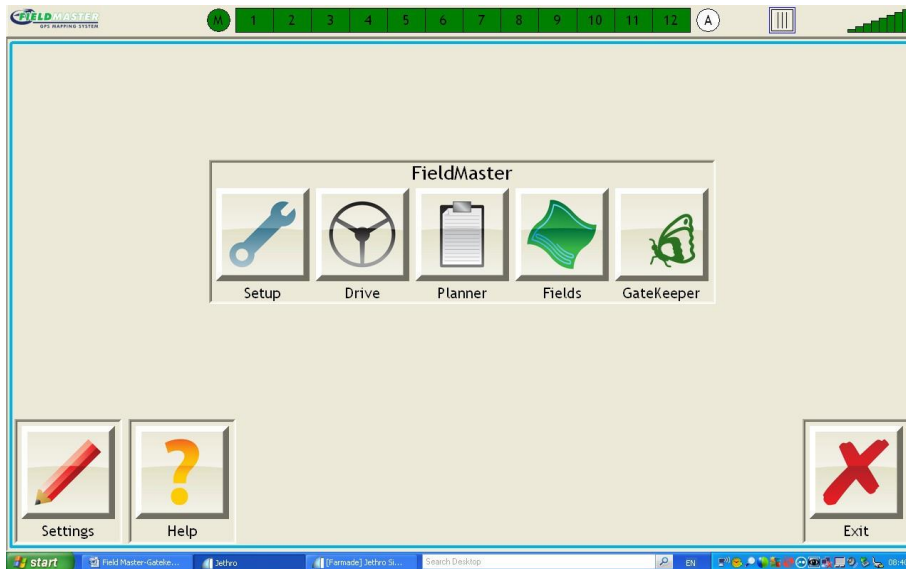
Use the  key until you reach the “Variable Rate” page as shown below.



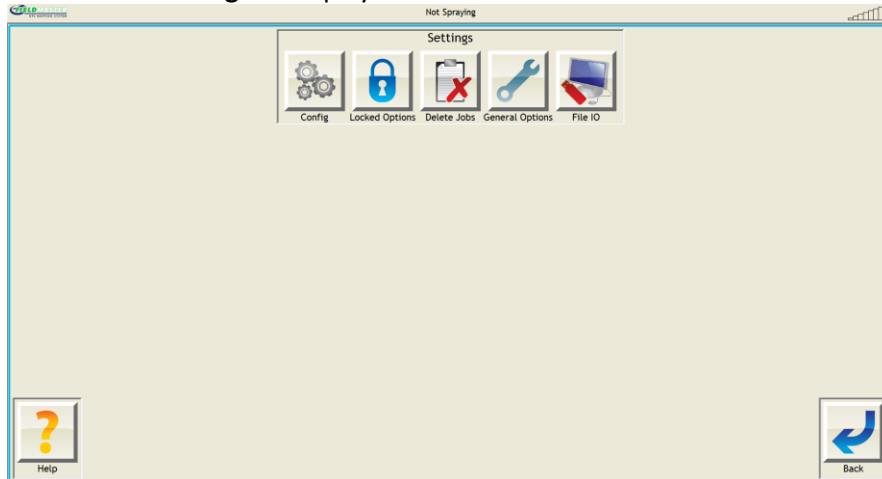
Use the  key to select the VR Controller you wish to use for example select “Built In” for files from such companies as SOYL, Courtyard-Partnerships etc.



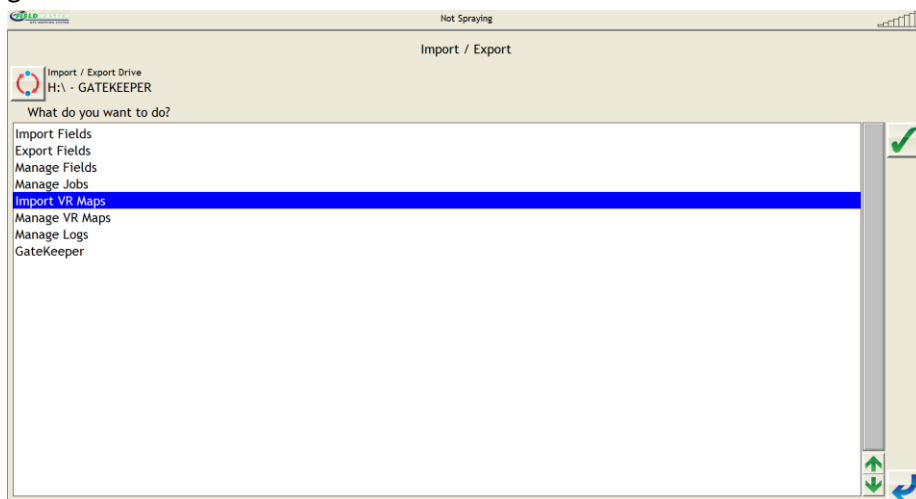
Once “Built In” is selected, use the  to exit out and return back to the “Home Page”.



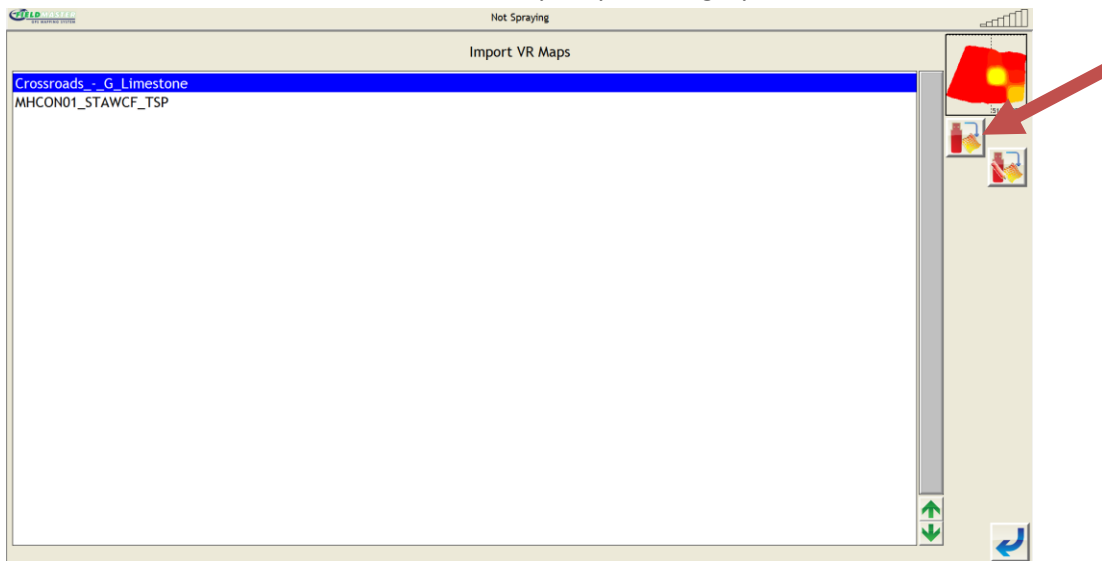
Next select **settings** to display the screen below




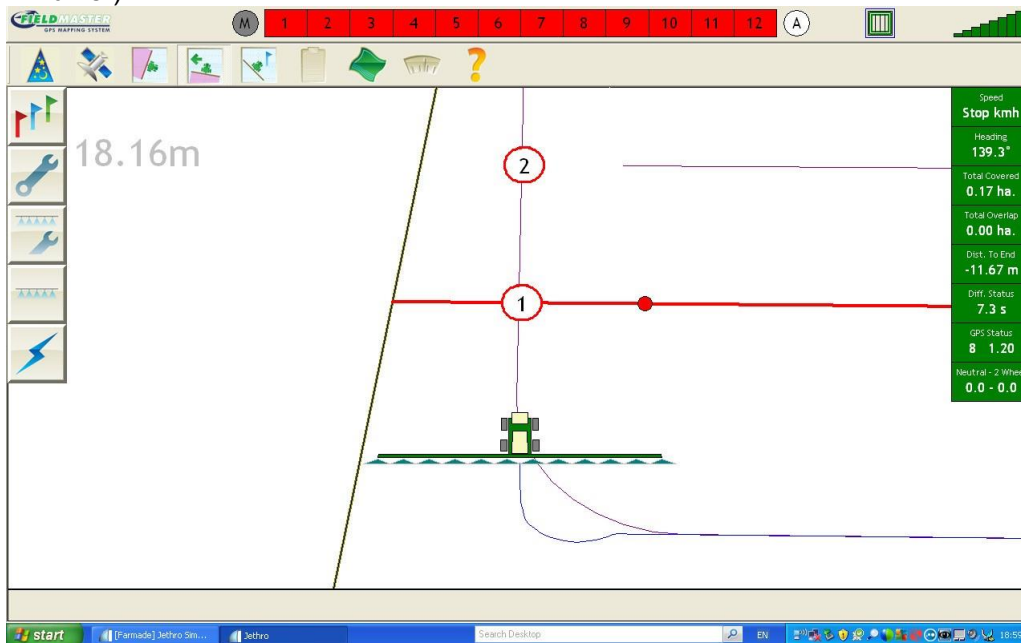
Select File IO to display the screen below and from the list select "Import VR Maps" and then the green tick.




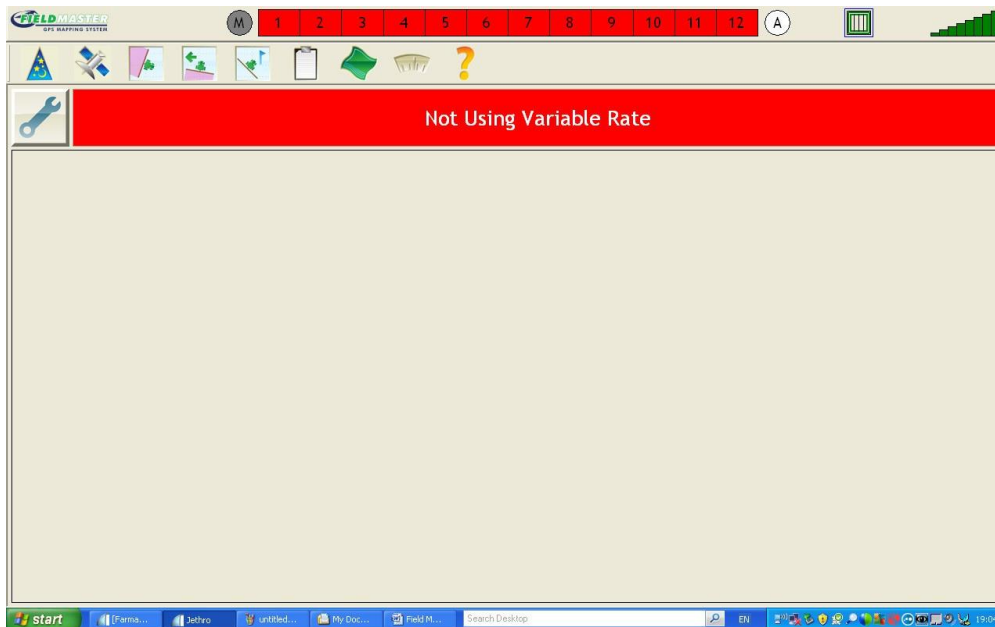
This will display the variable rate maps on the USB, select the map and press the download from USB button which is highlighted below. Each map must be downloaded individually. When they have been downloaded into the Fieldmaster successfully they will be greyed out.



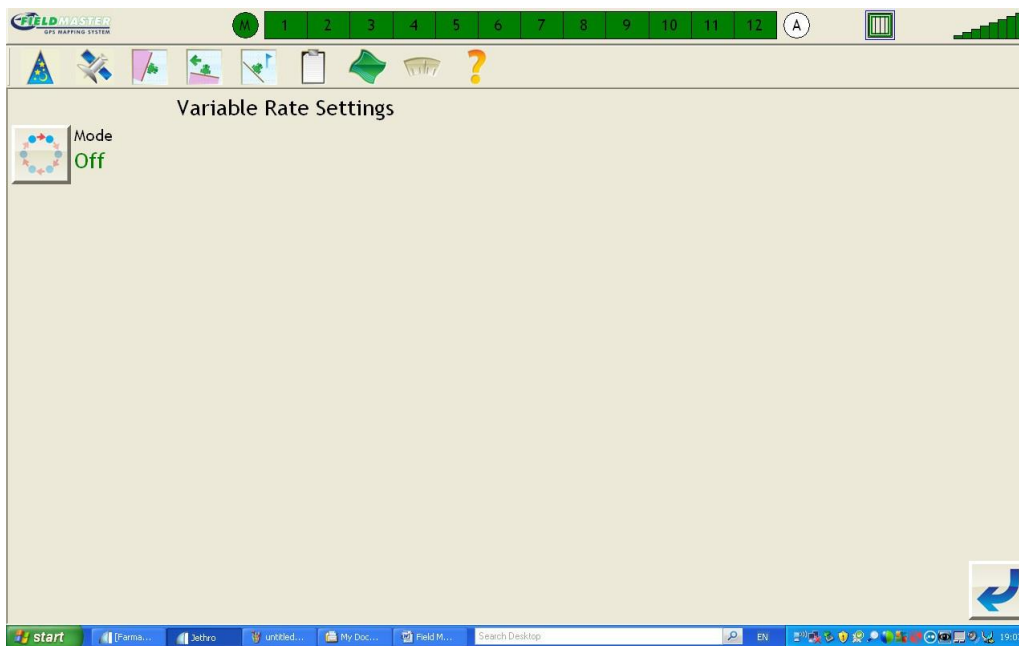
Select  key on the "Home Page" this will now bring you into the "Drive Screen" as below. (field will differ)





Select the  key on the top of the “Drive Screen” this will open the “Variable Rate” screen.

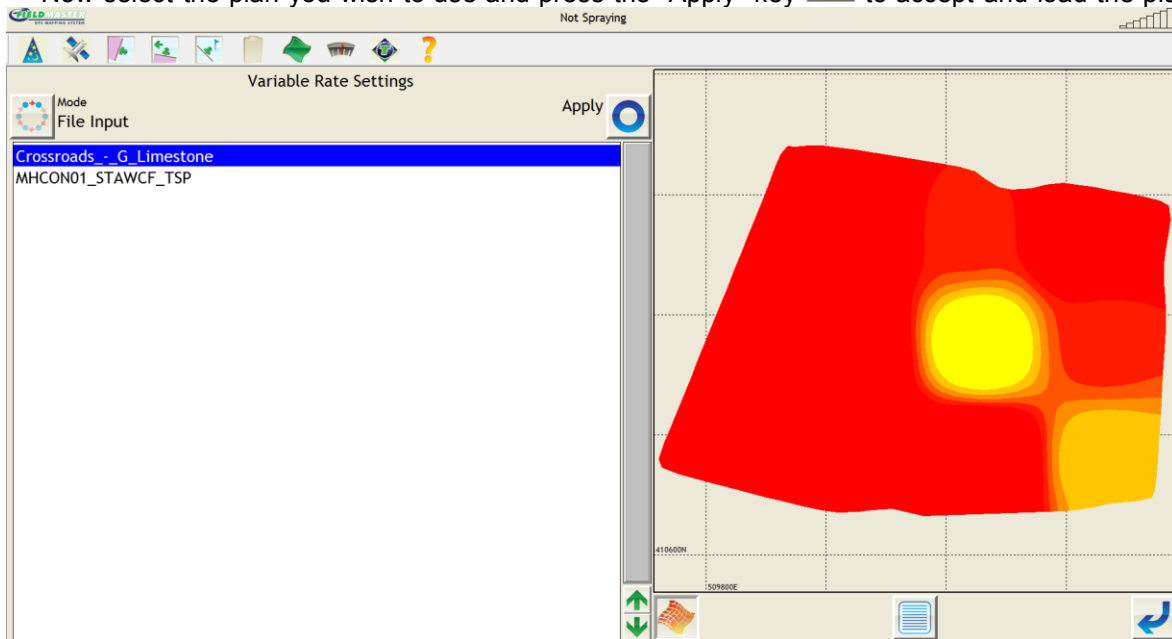


Select the  key, this will open the “Variable rate settings” page as below.

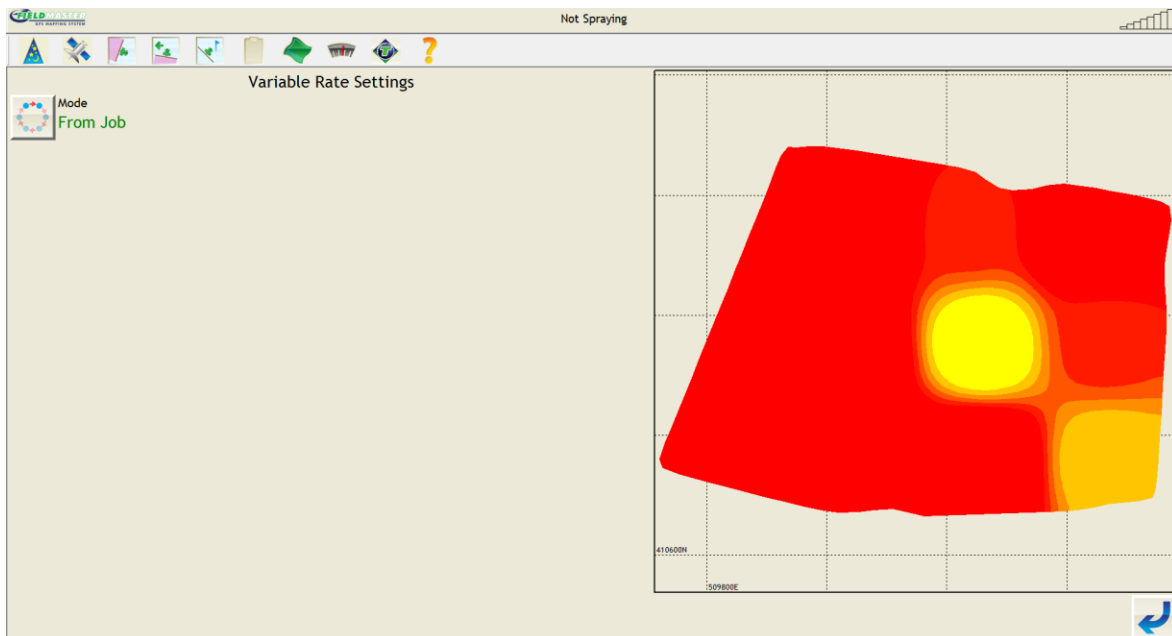





Use the  key to select the “Mode” you wish to use for this example “File Input”.

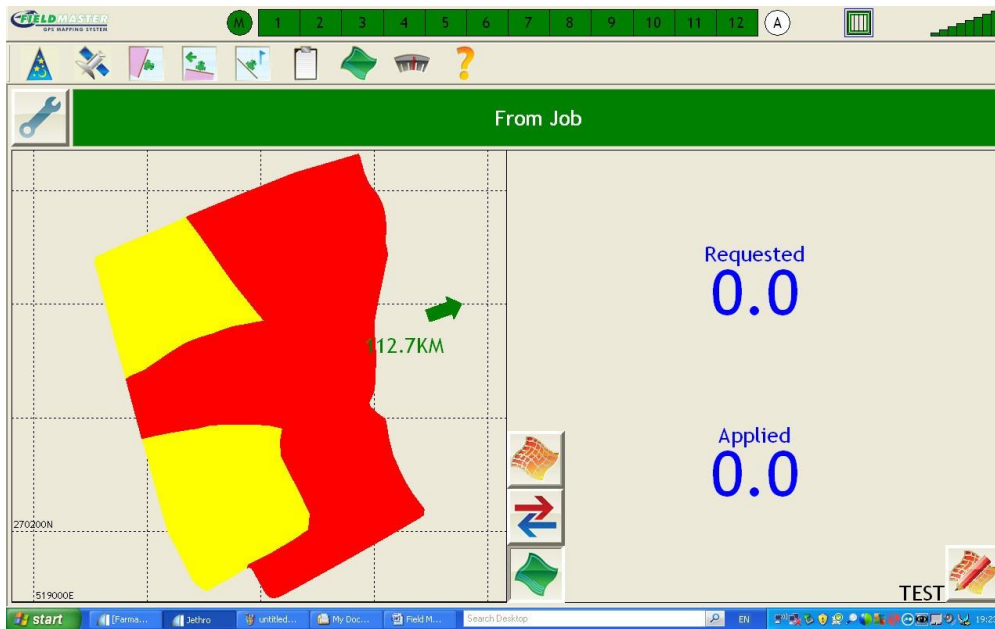
Now select the plan you wish to use and press the “Apply” key  to accept and load the plan.





Once the plan has been accepted the  key will come highlighted and the plan selection page will automatically close as below.

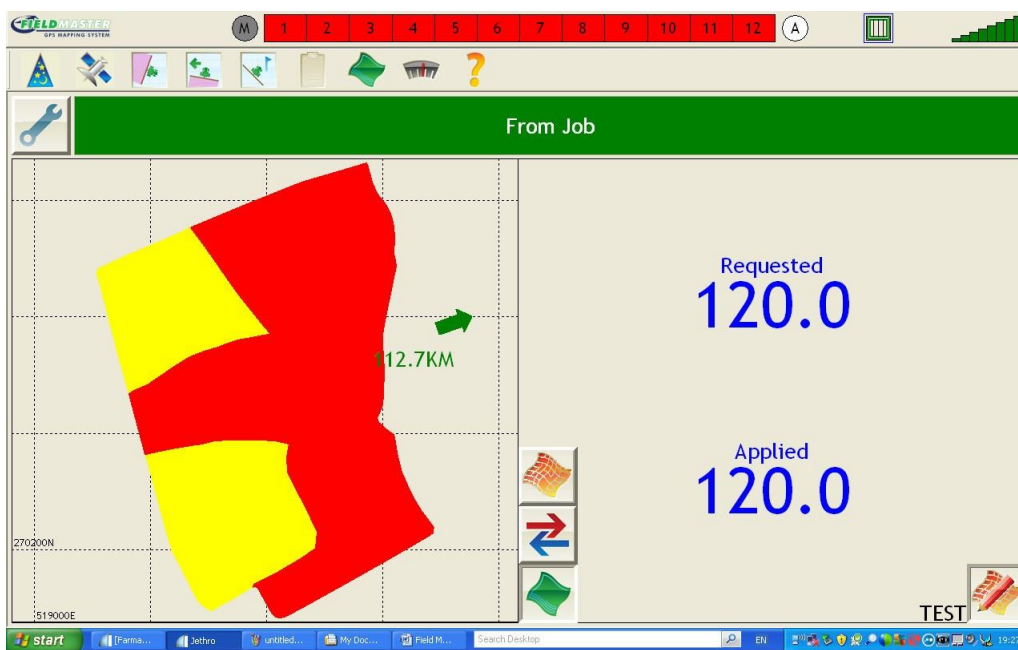


Select the  key this will then allow you to test the plan and use the variable rate map.
Then select the  key which is under the  key.





Use the “Test”  key to test the maps. To do this simply press on a part of the map, you will notice that first the requested figure will be given, then the applied figure will match in this mode.


Once happy deselect the “Test” mode by pressing the  key again, and the requested and applied will return to 0.

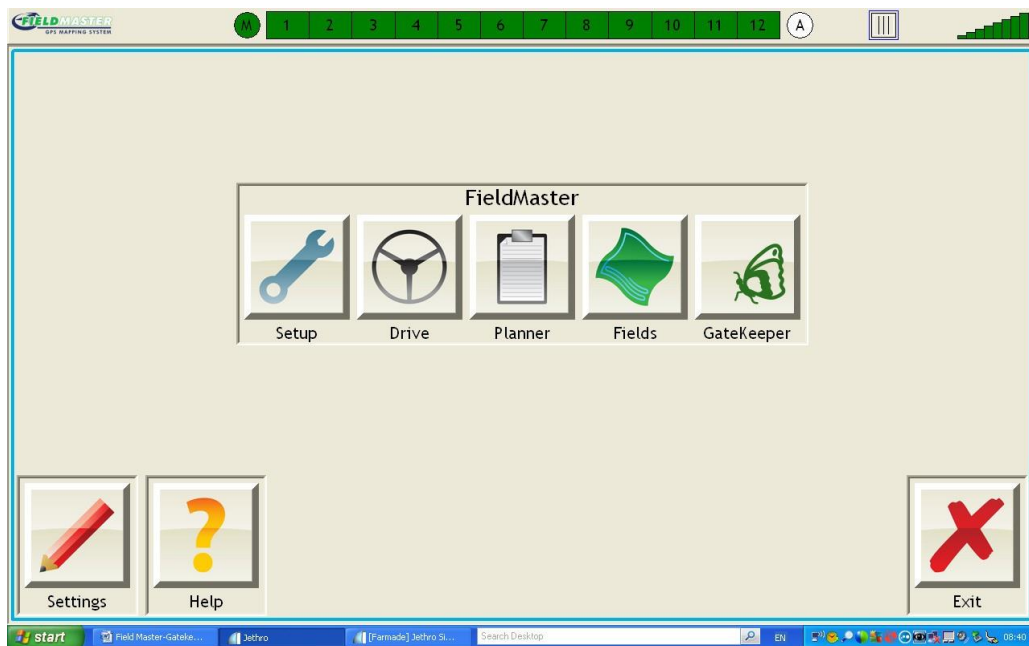



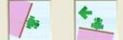
Now to use the Variable Map Data select “VR” on the Househam TMC Controller to allow the variable rate data to be transferred from the Field Master Controller to the TMC Controller to change your rates automatically.

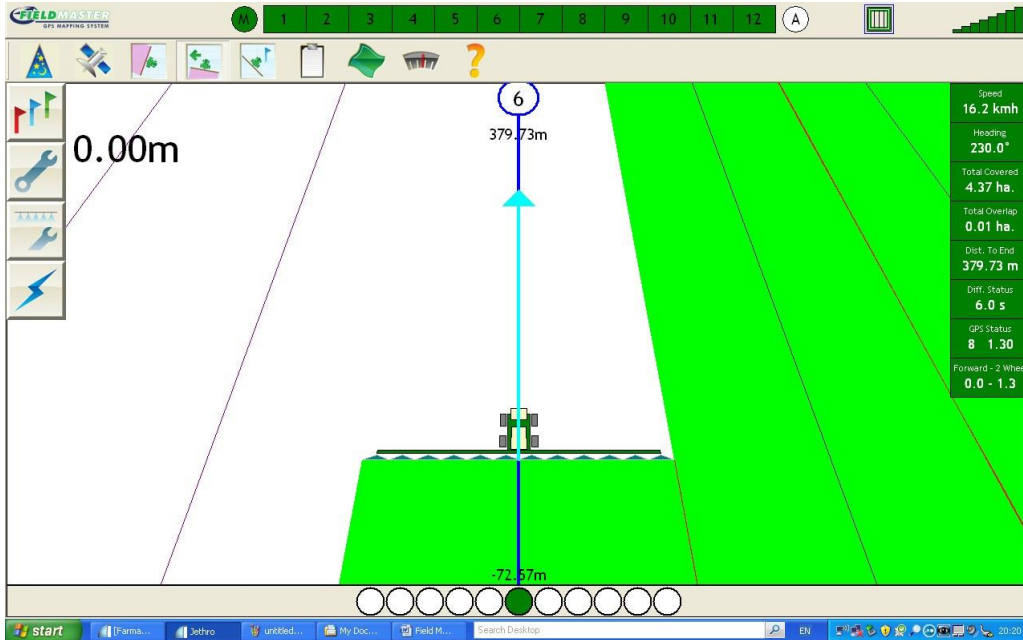
- Using a V2.0 TMC the variable rate key will look like  depress the key until “VR” appears on the Key.
- Using a V3.0 TMC the variable rate key will look like . Depress the key until “VR” appears on the Key.




Optional below

Use the “Return to Home Screen”  key then select either the Jobs from the “Planner List” or continue on to the “Drive Page” to start the Job.



Once applying/using your variable rate data, you may wish to monitor the “Variable Rate Map” this can be achieved by selecting the  key and to return to the “Drive Screen” select one of the “Drive View Keys” 



Once the plan has been completed, select the  key and follow the same procedures to end the “Job” for example  Suspend or  Finish .