Instructions for Updating Software on Components in the Machine
(Updated February 1, 2005)

Please read and then print the following pages to assist in reprogramming at the machine.

Section 1: **GreenStar System Update 1 –** Instructions for updating software on components in the machine using a data card that was updated with <u>GreenStar System Update 1</u> from Stellar Support.

GreenStar System Update 1 is for the following machine configurations:

ü Yield Mapping utilizing an original StarFire Receiver (not a StarFire iTC)
ü Yield Mapping utilizing a Non-Deere GPS Receiver

Section 2: **GreenStar System Update 2** – Instructions for updating software on components in the machine using a data card or a KeyCard that was updated with <u>GreenStar System Update 2</u> from Stellar Support.

GreenStar System Update 2 is for the following Machine configurations:

ü Yield Mapping utilizing a StarFire iTC
ü All KeyCard Applications utilizing a StarFire or StarFire iTC.
- AutoTrac
- Parallel Tracking
- Field Doc
- Harvest Doc
- Map Based Prescriptions

For a list of the latest software versions go to *"Latest Software Versions for AMS Products"* or visit www.StellarSupport.com and click on Support and Training, then Software Enhancements, and then Latest Software Versions for AMS Products.

NOTE: After selecting the latest software version shown (as per the instructions below), each component will take a few minutes to update (possibly as long as 10 minutes). Follow the onscreen instructions to either cycle power (turn key off, wait a few seconds and turn key back on) or press OK when updating is complete.

Section 1: **GreenStar System Update 1 –** Instructions for updating software on components in the machine using a data card that was updated with <u>GreenStar System Update 1</u> from Stellar Support.

A. **If you currently have a <u>Yield Mapping</u> System with a <u>Silver Wedgebox Processor</u>, please use the following instructions.**

To update software on the:

<u>Silver Wedgebox Processor</u>, press:

1. Setup
2. Yield Mapping
3. Go to page 4 (if page 4 does not exist on your system, proceed to page 3)
4. Press Change next to Mapping Processor
5. Select the latest software version shown

<u>Moisture Sensor</u>, press:

1. Setup
2. Yield Mapping
3. Go to page 4 (if page 4 does not exist on your system, proceed to page 3)
4. Press Change next to Moisture Sensor
5. Select the latest software version shown

<u>StarFire Receiver</u>, press:

1. Setup
2. Yield Mapping
3. Go to page 4 (if page 4 does not exist on your system, proceed to page 3)
4. Press Change next to Position Receiver
5. Select the latest software version shown

Note: The GreenStar Display cannot be updated in Yield Mapping mode.

B. **If you currently have a <u>Yield Mapping System</u> with a <u>Brown Mobile Processor</u>, please use the following instructions.**

To update software on the

<u>Brown Mobile Processor</u>, press:

1. Info
2. Reprogram
3. Program Target
4. Mapping Processor
5. Select the latest software version shown

Moisture Sensor, press:

1. Info
2. Reprogram
3. Program Target
4. Moisture Sensor
5. Select the latest software version shown

StarFire Receiver, press:

1. Info
2. Reprogram
3. Program Target
4. GPS Receiver
5. Select the latest software version shown

Note: The GreenStar Display cannot be updated in Yield Mapping mode.

Section 2: **GreenStar System Update 2 –** Instructions for updating software on components in the machine using a data card or a KeyCard that was updated with GreenStar System Update 2 from Stellar Support.

A. **If you currently have a Yield Mapping System with a Brown Mobile Processor and a StarFire iTC, please use the following instructions.**

To update the components in this configuration you must:

NOTE: This process is explained in detail below.

Step 1 – Program from Yield Mapping to Parallel Tracking
Step 2 – Update all components
Step 3 – Program from Parallel Tracking back to Yield Mapping

Step 1: Program from Yield Mapping to Parallel Tracking

1. Info
2. Reprogram
3. Program Target
4. Mapping Processor
5. Select the software version that starts with KEY, (i.e. KEY1B5_0.Y12)

Note: You may get a message stating, "Yield Mapping found on bus, Parallel Tracking currently loaded. Do you want to change products?" Press Cancel.

Step 2: Update all Components

1. A message should appear stating:

   "Warning, New Software found for Mobile Processor, GreenStar Display, GPS Receiver" (or whatever components are currently connected)

   This warning message will give you the option of selecting Continue or Cancel. Press Continue to automatically update the components listed.

2. The automatic updates will <u>not</u> update the Moisture Sensor. To manually update the Moisture Sensor go to Section C.

3. If you do not get the above message, please follow the instructions in Section C to manually update all the components you have present on your system.

Step 3: Program from Parallel Tracking to Yield Mapping

1. Info
2. Keycard
3. Program Target
4. Mobile Processor
5. Select the latest version of Combine Yield Map software shown

   IMPORTANT: If you ran this update from your data card, please remember to take it back to the computer originally used to update the card and run

   the icon. This operation will restore your data back to the data card.

B. **If you currently run a <u>Brown Mobile Processor</u> in any keycard mode (<u>Parallel Tracking, AutoTrac, Field Doc, Harvest Doc</u>, or <u>Map Based Prescriptions</u>) regardless of receiver, please use the following instructions.**

1. After inserting the updated keycard a message should appear stating, "Warning, New Software found for Mobile Processor, GreenStar Display, GPS Receiver (or associated components currently connected)." This warning message will give you the option of selecting Continue or Cancel. Press Continue to automatically update the components listed.

2. If you do not get the above message, please follow the instructions in Section C to manually update all the components you have present on your system.

C. Manually Updating Components when programmed to a KeyCard Mode.

To update software on the:

<u>Moisture Sensor</u> (Elevator Mount), press:

1. Info
2. KeyCard
3. Program Target
4. Moisture Sensor
5. Select the latest software version shown.

<u>Mobile Processor</u>, press:

1. Info
2. Keycard
3. Program Target
4. Mobile Processor
5. Select the latest software version shown for the appropriate application.

<u>GreenStar Display</u>, press:

1. Info
2. Keycard
3. Program Target
4. GreenStar Display
5. Select the latest software version shown

<u>StarFire or StarFire iTC Receiver</u>, press:

1. Info
2. Keycard
3. Program Target
4. GPS Receiver
5. Select the latest software version shown

<u>TCM</u>, press:

1. Info
2. Keycard
3. Program Target
4. TCM
5. Select the latest software version shown

<u>Harvest Monitor Combine</u> (Grain Tank mount Moisture Sensor), press:

1. Info
2. Keycard
3. Program Target
4. Harvest Monitor Combine
5. Select the latest software version shown

<u>Harvest Monitor Cotton</u>, press:

1. Info
2. Keycard
3. Program Target
4. Harvest Monitor Cotton
5. Select the latest software version shown