Soft-Keys and Descriptions

Soft-key	Description
(icon)	The Exit soft-key. When pressed Fieldware exits out of the application process and returns to the ARM (Application Rate Management) launcher page.
(icon)	The Next Page soft-key. Pressing this soft-key switches between the map page and the rates page.
(icon)	The Zoom In soft-key. When pressed decreases the area displayed in the view page. There are a total of 5 zoom levels.
(icon)	The Zoom Out soft-key. When pressed increases area displayed in view page. There are a total of 5 zoom levels.
(icon)	The Full Screen soft-key. When pressed, the entire map page space is replaced by the map view. This is useful when it is desired to see more of the vehicle trajectory. Press any soft key to return back to the normal view page.
(icon)	The Partial Screen soft-key. When the Full Screen soft-key is pressed, the soft-key graphics change to the Partial Screen. When pressed the console display area contains the map view and the right-hand mapping button column.
(icon)	The North Up View soft-key. This map page display option, keeps North pointing to the top of the view page. When pressed this soft-key changes to the COG View soft-key.
(icon)	The Course on Ground (COG) View soft-key. This view page option, keeps the vehicle stationary in the view page with the heading (course) of the vehicle pointing to the top of the view page. When pressed this soft-key changes to the North Up View soft-key.
(icon)	The Center Vehicle soft-key. Press this to center the vehicle in the map page.
(icon)	The Tools soft-key, when pressed will prompt the operator to select Solid Pattern or Boom Pattern. **Solid Pattern** - Paints a solid path of the applied area **Boom Pattern** - Drops hash marks that represent the boom width.
(icon)	The Mark A soft-key is used with the Parallel pattern. This soft-key is pressed to mark the first end point of the initial guideline. When pressed, this soft-key changes to the Mark B soft-key.
(icon)	The Mark B soft-key is used with the Parallel pattern. This soft-key is pressed to mark the end point of the initial guideline. When pressed, this soft-key changes to the New Guideline soft-key.
(icon)	The New GuideLine soft-key. This soft-key appears after the initial guideline has been created. When pressed, this soft-key changes to the Mark A soft-key and guidance is disabled until a new guideline is created by pressing Mark A and then Mark B.
(icon)	The Switch Guideline soft-key. This soft-key appears when more than one guideline has been created.
(icon)	Straight-line Parallel Guidance soft-key. This soft-key indicates the current guidance pattern is straight-line parallel guidance. The initial guideline is defined by marking end points A and B. Pressing this soft-key pops-up a side menu to allow the selection of a different guidance mode, such as Headland or Circle Pivot.

Soft-key	Description
(icon)	Curved-line Guidance soft-key. This soft-key indicates that the current guidance pattern is Curved guidance. Pressing this soft-key pops-up a side menu to allow the selection of a different guidance mode, such as Straight-line or Circle Pivot.
(icon)	The Ignore Headland Guidance pattern soft-key. When pressed, headland data identified using the Headland On and Headland Off soft-keys, are excluded from vehicle guidance.
(icon)	The Headland On soft-key. When pressed any applied data collected will be considered part of the field headland.
(icon)	The Headland Off soft-key. When pressed any applied data collected will not be considered part of the field headlands.
(icon)	Circle Pivot Guidance soft-key. This soft-key indicates the current guidance pattern is Circle Pivot parallel guidance. The initial guideline is defined by marking points A and B along a circle. Pressing this soft-key pops-up a side menu to allow the selection of a different guidance mode, such as Headland or Straight-line.
(icon)	The Circle Mark A soft-key is used with the Circle Pivot pattern. This soft-key is pressed to mark the first end point of the initial circle guideline. When pressed this soft-key changes to the Circle Mark B soft-key.
(icon)	The Circle Mark B soft-key is used with the Circle Pivot pattern. This soft-key is pressed to mark the end point of the initial circle guideline. When pressed this soft-key changes to the New Circle Guideline soft-key.
(icon)	The Circle Mark B Wait soft-key. This soft-key appears when the Circle Mark A has been pressed and the software is collecting enough points (approximately 12 seconds) to describe a circle. After approximately 12 seconds has passed, this soft-key is replaced by the Circle Mark B soft-key.
(icon)	The Switch Circle Guideline soft-key. This button appears when the guidance mode is circle pivot and there is more than one circle guideline created. Pressing this allows the selection of a different existing circle guideline.
(icon)	The Map Field Boundary Off soft-key. When this soft-key is displayed, the field boundary is not being mapped. When pressed this soft-key changes to the Map Field Boundary On soft-key.
(icon)	The Map Field Boundary On soft-key. When this soft-key is displayed, the field boundary is being mapped and stored to file. The boundary will automatically close when the operator is within 18 meters of the start point. When pressed this soft-key changes to the Map Field Boundary Off soft-key.
(icon)	The Point soft-key. This is the point map object. When pressed a point is placed at the vehicle location. Map file must be named in ARM Setup.
(icon)	The Hazard soft-key. This is the hazard map object. When pressed a hazard is placed at the vehicle location. In ARM setup the map file must be named.
(icon)	Engage FieldPilot: Once the initial guideline has been established, steer the vehicle to the next swath and press the Engage button to start the autosteering process. Once this button is pressed, autosteering will be engaged and the vehicle will begin steering itself along the current A-B line.
(icon)	Disengage FieldPilot: To dis-engage autosteering press the Disengage FieldPilot button.

Spraying Systems Co.®

MID-TECH LEGACY 6000
CAN BUS

Quick Start
Mini Manual

MID-TECH

98-01165

Button Functions

Function Keys | Function Keys

F1 → F6
F2 → F7
F3 → F8
F4 → F9
F5 → F10

Power On/Off
Escape
Arrow Keys
Enter Key
Brightness/Contrast

System Setup Quick Start

Main Launcher Page

FW-CB v2.11 - Launcher   p 1.000

Fieldware - CB

Welcome to the Mid-Tech Precision Agriculture System

Configure system settings

12/27/2004 10:16 AM

System Setup →
System Tools →
← START
← Mapper
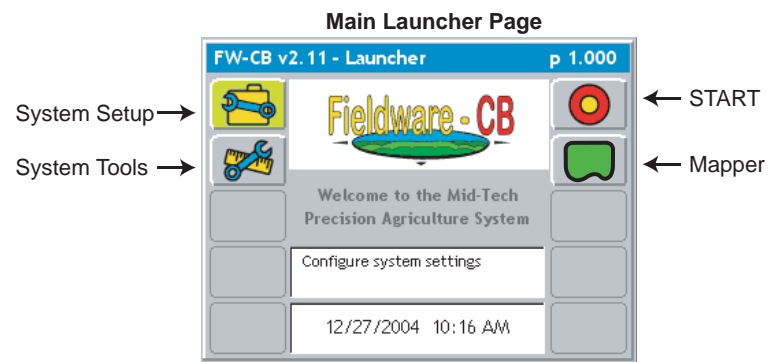
Steps highlighted in yellow are the only steps required at the start of each job if using a PC Card and the application has not changed.

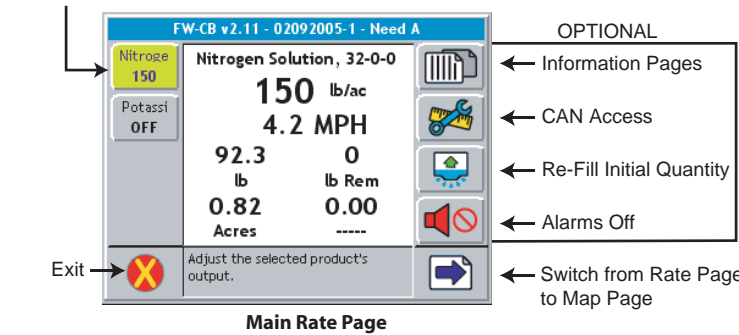| Step	Soft-Key	Description
Start	(Bullseye icon)	Press the Bullseye from the Main Launcher page. This will advance to Job Section.
No PC Card Reset Type	**RESET**	**None -** No totals will be reset **Field Reset -** This will reset the field area and volume for all PCM's **Total Reset -** Will reset field area, volume, and total area.
Using PC Card Job Selection	(icon)	There are two Job selection options. New Job (operator must complete Product Setup-----*Product name & Rates*)
	(icon)	New Job based on last Job settings. Operator does not have to complete Product Setup. The system will use the previous product name & rates. (Use if application has not changed from previous job)
Using PC Card Naming Job	(icon)	There are three ways to name a Job Auto-Name (Todays Date - Job #)
	(arrow keys icon)	Manual Alpha Numeric entry. Use the Up/Down arrows to select the character and use the Left/Right to switch between characters.
	(keyboard icon)	USB Keyboard

Step	Soft-Key	Description
Advance to Next Step	(green arrow)	After the Job has been named advance to the ARM (Application Rate Management) Launcher page. (Calibration, ARM Setup, Job Report, and Product Setup)
Calibration	(icon) Calibration	Not required for each job. Follow the Step-By-Step procedure. See the L6K User Guide (P/N 98-05067) for a more detailed description.
ARM Setup Job Report	(icon) ARM Setup (icon) Job Report	**OPTIONAL** ARM Setup and Job Report do not require any settings to start application. ARM Setup - Data files Job Report - Weather & Soil conditions
Product Setup	(icon) Product Setup (icon) Favorite Folder	Product Setup has mandatory settings that must be completed for application to begin. If more than one product is in use select the desired PCM or Channel and proceed through Product Setup. Repeat Product Setup for each PCM or Channel. **Density:** If required for application (granular) enter the product density **Cal Basis:** When using a Cal Table for Cal#'s select the heading for the desired calibration #. **Straight Rate** **Product:** Select the Main product to be applied. Scroll through the list of products in the middle of the screen or quickly locate the product by entering the first few letters of the product in the data entry box. Note: once a product has been selected and used that product can be found in the favorites folder. **Rate A,B,C,D, & E:** Up to five rates can be entered. Only one is required. These rates will be selectable from the real-time screen allowing the change of rates on the go. **Variable Rate** **Prescription:** Use the UP/Down arrows to select the desired prescription map. The prescription map must be located on the root directory of the data card. **Layer:** If using a multiproduct prescription map each product will need to be assigned a Layer. **Product:** The product should automatically be entered from the prescription map. **Rate A,B,C,D, & E:** Optional, rate will be supplied from prescription map

Step	Soft-Key	Description
Advance & Save	(green arrow)	Advance & Save out of product setup back to the ARM Launcher page.
Start Application	(Bullseye icon)	Press the Bullseye from the ARM Launcher page. This will advance to the application screen.

Application Quick Start

Rate Page

Application Rate Selection
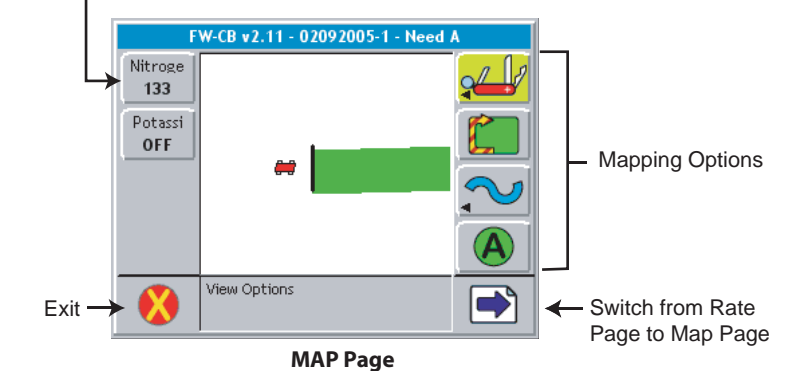- Straight Rate
- Variable Rate (VR)
- Manual Mode

FW-CB v2.11 - 02092005-1 - Need A

Nitrogen Solution, 32-0-0
150 lb/ac
4.2 MPH
92.3 lb   0 lb Rem
0.82 Acres   0.00 -----

Adjust the selected product's output.

OPTIONAL
← Information Pages
← CAN Access
← Re-Fill Initial Quantity
← Alarms Off

Exit →
Switch from Rate Page to Map Page

Main Rate Page

| Soft-key	Button	Description
Select Rate	Nitrogen 150 OFF A: 150 B: 160 C: 180 D: 200 E: 300 VR Manual	Press the Rate Selection button on the left side of the screen and select the desired rate. Repeat this step for each product. **Straight Rate** - (A-E) **Variable Rate** - (VR) **Manual Mode** - Manual Straight rates and VR Prescription maps are entered in Product Setup.
Manual Mode	+↑ -↓	Manual mode can be used to prime a liquid system and general trouble shooting. When Manual Mode is selected + and - arrows will appear on the Rate Page (right side). The operator has full control of the control valve. **Up Arrow + :** Should increase product at the delivery point **Down Arrow - :** Should Decrease product to the delivery point.
Information Pages	(icon)	Use the Information Pages button to switch between (3) information pages. For each product there will be (3) pages. **Main Rate Page:** Product name, Live Rate, Speed, Total Accumulation, Product Remaining, Area, and Monitor 1. **Second Rate Page:** Product name, Target Rate, Actual Rate, Distance, Monitors 2,3,4, and Application width. **GPS Page:** GPS coordinates, Speed, Course on ground, Bounded Area.
Exit	(X icon)	The Exit soft-key. When pressed Fieldware exits out of the application process and returns to the ARM launcher page.

Application Quick Start

Map Page

Live Application Rate
Once rate is selected

FW-CB v2.11 - 02092005-1 - Need A

Nitroge 133
Potassi OFF

View Options

Exit →
Mapping Options
Switch from Rate Page to Map Page

MAP Page

Soft-key	Button	Description
Map Page	(blue arrow icon)	Use the BLUE arrow to switch between the Information pages and the Map page.
Boundary Mapping Boundary	(icon) (icon)	Select the boundary icon and then select inner or outer and the side of the implement the boundary will be drawn. When the operator is within 18 meters of the start point the boundary will automatically close or push the boundary icon and select close.
Select the Guidance Mode	(icon) (icon) (icon) (icon)	From the Map page select the Guidance Mode. **Straight-Line** - Mark A-B **Headland** - Curved guidance **Circle Pivot** - Mark A-B **Ignore Headland** - Apply headland to ignore at later time
Exit	(X icon)	The Exit soft-key. When pressed Fieldware exits out of the application process and returns to the ARM launcher page.

On-Board Help Window

FW-CB v2.11 - 02102005-5 - Need A

Diamm 52

Adjust the current guidance mode.
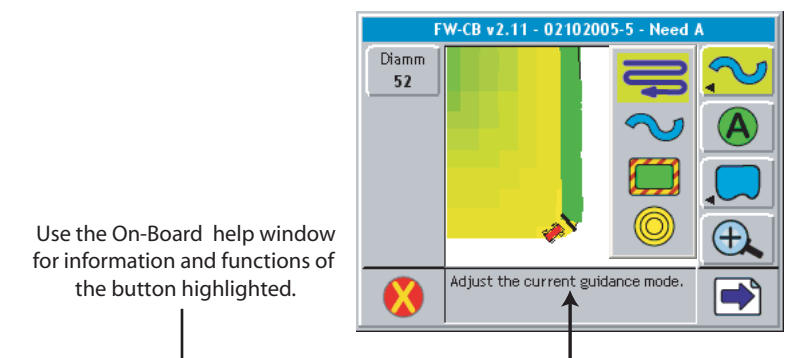
Use the On-Board help window for information and functions of the button highlighted.