PC Software User Manual

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1.0 INTRODUCTION

Harvest Tracker PC software is designed exclusively for use with Digi-Star GT460, GT465, and GT560 indicators used on Grain Carts, Weigh Wagons, and other harvest transport implements. Harvest Tracker PC software also works in conjunction with Digi-Star’s Harvest Tracker On-Line software.

Harvest Tracker PC software is a utility software interface for GT460, GT465 and GT560 indicators. This software provides the following features:

- Setup and manage “Fields” in Harvest Tracker and the Scale Indicator
- Setup and manage “ID’s” and “Capacities” in Harvest Tracker and the Scale Indicator (GT560 Only)
- Setup and manage “Crops” in Harvest Tracker and the Scale Indicator
- Display, manage, produce reports, and export harvest data that is collected by the Scale Indicator.

A USB drive with Harvest Tracker PC software is provided with each GT460, GT465, and GT560 indicator. Harvest Tracker PC software is also available as a free download from the Digi-Star website at the following location:

http://digi-star.com/products/5/Software_and_Data_Transfer

2.0 USE AND SETUP

2.0.1 Minimum PC Requirements

- Microsoft .NET 2.0 Framework or above
- Microsoft Windows Vista SP2 or above
- 100 MB free disk space
- 500 MB Ram
- Free USB port

2.0.2 Setup

To load Harvest Tracker PC software on the computer double-click on the “Setup” file either on the USB drive provided with the indicator or downloaded from the Digi-Star website.
3.0 RETRIEVING DATA

Data retrieval from Digi-Star Indicator is by a USB drive.

1. Once you have the data stored from the Indicator to the USB drive, plug the USB into your PC.

2. Verify that the selected Drive Letter is the same as the USB drive. You will find this in the top ribbon of Harvest Tracker:

   a. If this is not the correct drive, then choose the Utilities/USB Drive for Files and follow the prompts:

      ![USB Drive Selection](image.png)

3. Click ![Transfer USB Drive](image.png) to transfer USB drive records to the PC.
4.0 REPORTING

There are two ways you can view reports in Harvest Tracker:

1. Click to open the report generator. In the screen that opens, chose the date range and print format (see item 4 in section 4.0.1) then click the open button.

2. Clicking Reporting/Report Generator

The Report Generator allows for Filtering and Hide/Display columns of data. It also allows you to display Google Maps of your GPS identified GT560 data.

   a. Double click any row that has GPS coordinates to map that single Load/Unload.

   b. Click to map all Load/Unload events currently displayed.

Example Report Generator Screen:
4.0.1 Report Screen Information

1. Summary Table – Shows results of selections in tables 2 and 3

2. Items to Show – Click on the box to show a check mark next to the items that will display in the summary table. Click on the box again to remove the item.

3. Filters – Allows user to filter data in table 1 by date, field and ID.

4. Print Format – Click on the down arrow at the right end of the box to see print format selects then click on same print format as the indicator uses. See indicator direct access number 216 or 2304 depending on model.

5. Reports – Click on the button of the type of file needed to print report: Adobe Acrobat (PDF), Microsoft Excel (Spreadsheet), Web Browser (Print from PC Web Browser) CVS, (move date from one file to another). The report generated contains all the information in the summary table. The appropriate software must already be installed on the PC.

6. Save Report Definition – Saves the setting in the Items to Show and Filters section. Program will ask for a name to save. This gives the ability to have multiple saved settings.

7. Open Report Definition – Opens a saved report definition

8. Load Single File – View the information from a single Retrieve Data action

9. Click on icon to see map of where loads: originated, field, crop, moisture and amount unloaded.
5.0 FIELDS

Click to transfer Field information to/from the indicator via the USB drive.

The indicator contains a single “file” of 150 fields. The Harvest Tracker PC program allows creation of many “files” of 150 fields. Individual files are transferred via the USB drive.

Example Fields Screen:
5.0.1 Fields Screen Information

**Files Area**

1. Click ▲ to add a set of fields. Program will ask for a file name to represent these fields.

2. Click ▼ to copy an existing file and give it a new name.

3. Click ✗ to delete a file.

4. Click ▲ or ▼ to reorder the selected file up or down

**Fields Area**

1. Click in the cell to modify a Field or Accumulator value

2. Click ✗ to delete a Field/Accumulator

3. Click ▲ or ▼ to reorder Field

**Import from USB** – click to transfer Field and Accumulator information from indicator to highlighted file via USB drive

**Transfer to USB** – click to transfer Field and Accumulator information from program to USB drive. Insert USB drive in indicator to transfer information.

**NOTE:** Click ▲ or ▼ to transfer Fields for printing
6.0 ID’S

Click to transfer ID information to/from the indicator via the USB drive.

The indicator contains a single “file” of 150 ID’s. The Harvest Tracker PC program allows creation of many “files” of 150 ID’s. Individual files are transferred via the USB drive.

Example ID Screen:
6.0.1 ID’s Screen Information

Files Area

1. Click + to add a set of ID’s. Program will ask for a file name to represent these ID's.

2. Click to copy an existing file and give it a new name.

3. Click to delete a file.

4. Click or to reorder the selected file up or down

ID’s Area

1. Click in the cell to modify a ID or Total Cap value

2. Click to delete a ID/Total Cap

3. Click or to reorder ID

Import from USB – click to transfer ID and Total Cap information from indicator to highlighted file via USB drive

Transfer to USB – click to transfer ID and Total Cap information from program to USB drive. Insert USB drive in indicator to transfer information.
7.0 CROPS

Click to transfer Crop information to/from the indicator (GT560 only) via the USB drive.

The indicator contains a single “file” of 150 Crops. The Harvest Tracker PC program allows creation of many “files” of 150 Crops. Individual files are transferred via the USB drive.

Example Crops Screen:
Files Area

1. Click + to add a set of Crops. Program will ask for a file name to represent these ID’s.

2. Click ☑️ to copy an existing file and give it a new name.

3. Click ✖️ to delete a file.

4. Click ⬆️ or ⬇️ to reorder the selected file up or down

Crop’s Area

1. Click in the cell to modify a Name, Std. %, Dry Bushel Weight, Factor B, and Factor C values

2. Click ✖️ to delete a Crop

3. Click ⬆️ or ⬇️ to reorder Crop

Import from USB – click to transfer Crop information from indicator to highlighted file via USB drive

Transfer to USB – click to transfer Crop information from program to USB drive. Insert USB drive in indicator to transfer information.
8.0 FILE OPTIONS

Retrieve and Store Data – use to retrieve or store data to a selected PC file
Reports – view reports see section 4.0
Fields – transfer field information to or from the indicator, see section 5.0
Backup Data – use to backup data to a selected PC file
Restore Data from Backup – use to restore previously save data, this will delete current data
Recover Data Previously Loaded – recovers USB data by date
Exit – exits the Harvest Tracker Program
9.0 UTILITIES OPTIONS

USB Drive for Files - browse for USB Drive containing Harvest Tracker files

Settings – use to select:
  - Report Format
  - Farm Name
  - Indicator Print Format
  - Use Touch Screen
  - Indicator Model – 460, 510, 520, 560

Indicate Date Format – MM/dd (Month/Day) or dd/MM (Day/Month)

Delete All Data from PC – use to delete selected data:
  - Loads
  - Fields
  - ID’s
  - Seed Type (Touch Screen)
  - Brands (Touch Screen)
  - Varieties (Touch Screen)

Clear Log of Unstorable Data – delete unrecognized program data

View Log of Unstorable Data – click to view unrecognized program data

Add/Edit records – delete, add, edit:
  - ID’s
  - Date
  - Weight
  - Weight Tag
  - Accumulated Weight
  - Accumulated Tag
  - Field Name
Check for Duplicate Records – enter beginning and end date to check for duplicate records

Register with Digi-Star Cloud Services – enter information indicated and click REGISTER

Synchronize Records with Digi-Star Cloud Service – schedule number of minutes to synchronize records of Harvest Tracker with Harvest Tracker Online, see section 13.0

**10.0 REPORTING OPTIONS**

Report Generator – see section 4.0

**11.0 LANGUAGE OPTIONS**

Choose language: English, Spanish, Portuguese, Dutch, and German
12.0 HELP OPTIONS

PC Operators Manual – view this manual on a PC
Help Topics – click for various Harvest Tracker help topics

Auto Check for Updates – click to show check mark, click again to hide check mark, if a check mark is showing, program automatically check for updates

Check for Updates Now – click to update Harvest Tracker software
Digi-Star Connect – at direction of Digi-Star technical support, click for remote connection
Send Database to Digi-Star – click to store a backup of program data at Dig-Star
Visit Digi-Star on the Web – click to connect to Digi-Star home page

Click here for Harvest Tracker Help
13.0 REGISTRATION AND SYNCING WITH HARVEST TRACKER ON LINE

Harvest Tracker PC has the ability to synchronize its data with Harvest Tracker Online. To do this register via Utilities/Register with Digi-Star Cloud Services:

After registration is complete, you have the ability to:

1. Synchronize your records

   ![Synchronize records](image)

2. Synchronize your Fields and ID’s

   ![Synchronize fields](image)
14.0 SOFTWARE LICENSE AGREEMENT

Digi - Star LLC

SOFTWARE LICENSE AGREEMENT

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