

# PF3000™ - Accurate-Versatile-Advanced



## What Can the PF3000 Do For You?

- Yield & Moisture Monitoring and Mapping
- Site Verification Mapping
- As-Applied Mapping
- Application Control With Prescription Maps
- Guidance With Optional Lightbar
- Create and Display Field Boundary Maps
- Gridding & Soil Sampling
- Navigate To Any Location
- On-Screen Coverage Maps

## Yield Monitoring and Mapping

The PF3000 yield monitor and mapping system is the tool you need to start making profit-making decisions in the field and back at the office.

Display four items at once such as yield, moisture, area and weight or bushels. Observe moisture readings while harvesting and decide which grain should be hauled to the dryer without stopping the combine. The savings in drying costs can more than pay for the system in one year. Keep the combine operating at full capacity by watching grain flow in bushels per hour.

Add a GPS receiver and memory card and the PF3000 becomes a yield mapping system that provides you with invaluable yield map data. This data can be used to evaluate hybrids, chemicals, fertilizer rates and tillage practices. It can also help identify crop management zones for creating prescription maps.

Whether you are yield monitoring or mapping, the PF3000 records your data into fields and loads. At the end of the season, easily print out the average yield and moisture, total area, wet and dry bushels for each field and load.

## As-Applied Mapping and Application Control

Install the PF3000 and GPS receiver in your tractor or sprayer and record As-Applied rates as well as control the application rate. Save crop-input costs by applying a variable rate with prescription maps and the PF3000. Just connect the PF3000 to a controller with a serial port and the PF3000 sets the rate based on GPS position.

With the advent of GMO hybrids and varieties, it is more important than ever to keep track of where your crops are planted. It is as simple as entering your hybrid or variety names in the PF3000 and log planting locations as you plant. We call this Site Verification Mapping.

Both As-Applied maps and Site Verification maps are read into our own mapping software called SMS (Spatial Management System). The data is organized by year, field and product name. SMS lets you manage and track your fields and products as well as create prescription maps.

## Guidance

The optional Ag Leader Lightbar easily connects to the PF3000 with a compatible Ag Leader GPS receiver for accurate straight-line or contour parallel swathing. The PF3000 Lightbar system helps reduce cab clutter because the commands for operating the Lightbar are in the PF3000. A separate monitor is not needed, as with other systems.

Eliminate costly skips and overlaps when you apply chemicals or fertilizer. The Lightbar is even useful for harvesting. Instead of straining to see the edges of wide cutting platforms at night or in dusty conditions, drive by the Lightbar.

# Features

## PF3000 Features

- Grain Yield Monitoring & Cotton Yield Monitoring - with or without GPS
- Bulk Crop Yield Monitoring with HarvestMaster™ 500 or 570.
- Site verification - record where different hybrids, fertilizers, or chemicals are applied.
- As-Applied mapping - record actual application rates.
- Application control - vary application rate through prescriptions written to a memory card.
- Gridding for soil sampling - load in pre-recorded grids or create grids in the field using field boundary maps.
- Navigation - guides the operator to gridded or manually entered points.
- Large graphics display with the ability to view four on-the-go values at once.
- On screen map – view swath based coverage map, boundary map or prescription map.
- Easy operation through clear on-screen messages.
- Built-in field marking capability
- Plug compatible with Yield Monitor 2000 for an easy, low-cost upgrade path
- Automatic memory backup for data security
- Easily upgradeable through serial port or memory card
- 2-Year warranty

### List Prices\*

PF3000 Monitor System	\$2110
Yield Monitor Kit	\$2180
EMS™ for Deere Combines	Add \$100
Total PF3000 Yield Monitor system	\$4290
Add-On GPS 3100	\$3495
GPS 4100	\$2995
GPS 1000	\$1200

\* Prices subject to change without prior notification.

## GPS models

- Add-On GPS 3000
  - Differential – Beacon or WAAS
- Add-On GPS 3050
  - Differential – Beacon or WAAS
  - Lightbar Compatible
- Add-On GPS 3100
  - Differential – Beacon, WAAS or OmniStar/Racal Subscription
  - Lightbar Compatible
- GPS 4100
  - Differential – WAAS or OmniStar/Racal Subscription
  - Lightbar Compatible
- GPS 1000
  - Differential – WAAS

## Elevator Mount System (EMS™) For Your Moisture Sensor

The Ag Leader EMS for the moisture sensor greatly reduces the sensitivity of moisture readings due to green plant material or soil in the grain. Mounted on the outside of the grain elevator, it eliminates the need to cut grain tank auger flighting. Only minimal maintenance is required, even in the toughest harvest conditions. Finally, it's easily retrofitted to all Ag Leader manufactured yield monitors.



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