

Field Research Software™



Field Layout™



Save time and money doing field layout using just one person. At planting time, simply navigate to the set locations, confirm the corners and base line, and start planting. Try it today.

Mobilize Field Layout with GPS Technology

– replaces tape measures, right angle prism, range finder and extra person

Use FRS Field Layout on a GPS enabled Windows Mobile® device to establish field boundaries for your testing locations. You can set the corners of the field, determine the number of plots within the field, and check that the field is square for planting without anyone's help.

Simplify Field Layout

FRS Field Layout replaces traditional methods that depend on laborious measurements using tape measures, right angle prism, range finder and an extra person. FRS Field Layout runs on a GPS enabled Windows Mobile device offering an all-in-one solution that is economical, easy to use, and accurate.

Layout your field

Field Layout uses GPS technology to set your field corners and base line. After you establish your base line, Field Layout calculates the GPS coordinates for the other two corners of the field. This assures that the field is square. Once the boundaries are established, a spatial map showing the plot layout is generated based on the number of ranges and rows you enter. You can use this spatial map to mark any unusable areas of the field. With GPS you can establish a base line by using an offset from a known boundary, or measure the distance from point to point.

Ready to Plant

When you return to plant the field, relocate your field base line quickly using FRS Field Layout GPS navigation. All marked points, including the unusable plots, in your original map are accessible even if the flags or markers are moved or lost during tillage. You can start planting quicker and be assured that the field location is in its original place.

Efficient, Fast, Friendly

FRS Field Layout is intuitive, fast, flexible, and fun. Data entry and navigation is enhanced by finger friendly interface using large buttons and quick scrolling lists. Reduce errors by automatically locating field positions using GPS technology; save time by navigating back to the known positions at planting. Increase efficiency by reducing the time it takes to layout your field.

> Features

- **Layout field with one person**
- **Set field corners and boundaries using GPS**
- **Know that the field is square**
- **Use GPS offset to set the base line based on a known boundary**
- **Mark unusable plots based on undesirable field conditions**
- **Easily navigate to marked locations in the field using GPS**



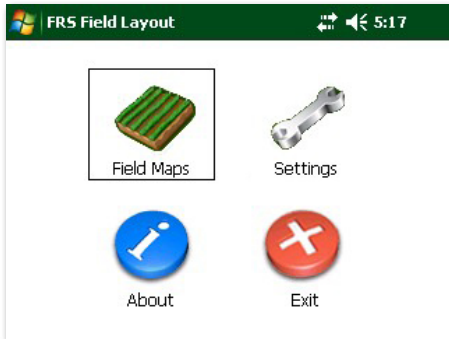
HarvestMaster

by Juniper Systems, Inc.

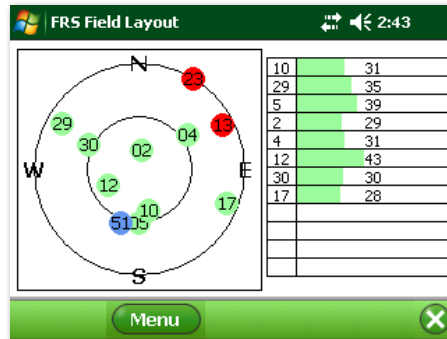
Field Research Software™



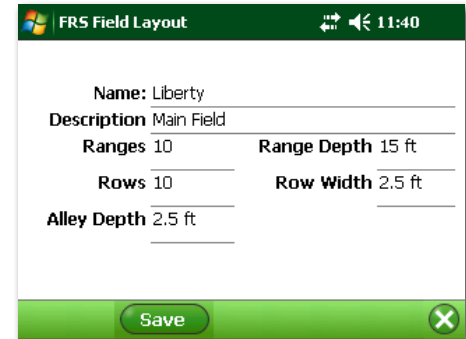
Field Layout™



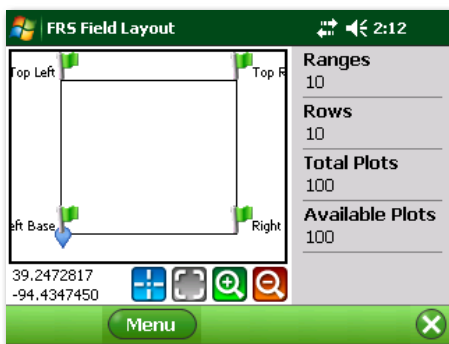
FRS Field Layout main screen



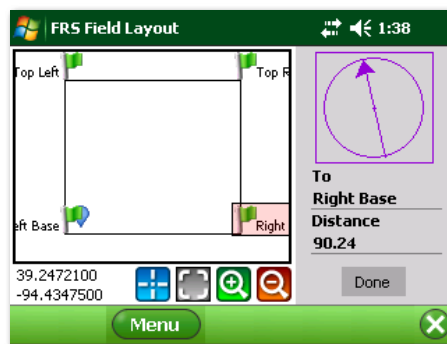
GPS Skyplot depicts available GPS satellites and their configuration



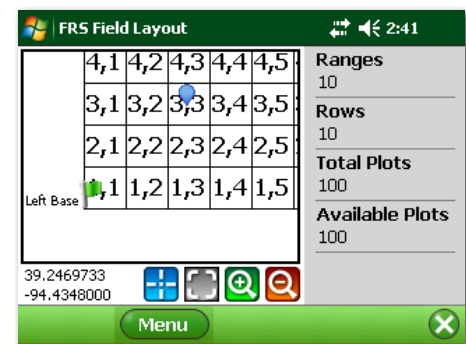
Define name and number of ranges and rows in the field. Plot dimensions are displayed.



Field corner locations shown on field map



Navigate to field corners via compass pointer and distance to go



Spatial view showing plot grid. Current location is shown by blue marker.



Minimum System Requirements

- Windows Mobile 5® or Windows Mobile 6.1®
- 520 MHz processor
- 10 MB disk space
- 128 MB RAM
- Microsoft® .NET Compact Framework 3.5*
- Microsoft SQL Compact Edition 3.5*
- GPS Receiver with capability of real-time sub-meter accuracy

*These components are automatically installed on the device by FRS Field Layout



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