

VIPER

PRECISION APPLICATION SYSTEM

How do I get started using the VIPER?

The VIPER comes complete with a Setup Wizard. By following the simple menus, you can set up your VIPER and begin application in a matter of minutes. Better yet, you only have to use the Setup Wizard once! After that, it's as simple as "get to the field and go".

How do I create application reports with the VIPER?

After you complete an application with the VIPER, creating a report is as simple as touching the report menu option. The application report is created instantly... complete with actual "as applied" application data. In addition it can be exported to MS Paint or Word, or any other program that will read a bitmap file, for your convenience.

Do I have to do variable rate application to use the VIPER system?

Absolutely not. The VIPER can be used for both straight rate or variable rate application of inputs, and does not require a map to be loaded to operate. If you want to create maps of fields on the fly, simply use the VIPER's "Capture" function.

Distributed By:

What type of mapping programs does the VIPER accept?

The VIPER is extremely versatile. It accepts and outputs maps in shapefile format. Meaning it can be used with virtually every popular mapping software on the market.

What do you mean by automatic boom control?

The VIPER allows you to turn your booms on and off based on a prescription map. For example, you could create a prescription spot spray map to target a specific weed or pest for a field. Then the VIPER will automatically turn your booms on in those spots, saving you money.

What will the VIPER do for me in the future?

The VIPER presents a flexible platform that allows you to expand when you are ready. It is CAN compatible and has three serial ports. This will allow the system to automatically recognize a wide range of equipment and also be capable of incorporating future software developments like wireless data transmission and soil sampling. These capabilities position the VIPER as the future platform for spray control, guidance, VRT, planter control, field scouting and much more.

Step up to the next level of precision.

VIPER

PRECISION APPLICATION SYSTEM



 **PRECISION**
Solutions
RAVEN

For the total picture of how VIPER can help you maximize your application and mapping capabilities, contact your Raven distributor or call 1-800-243-5435.

RAVEN
INDUSTRIES

www.ravenprecision.com

In the world of precision application, we're changing the rules.

Precision Application with endless capabilities.

The new VIPER blows the doors off of other precision farming systems with a value-priced, highly-flexible system so superior it leaves everything else in the dust. The VIPER is so feature-rich, so easy to use, what used to be roadblocks to precision application now become tasks you can complete with ease.



**SETUP WIZARD
MAKES INITIAL
START-UP FAST
AND SIMPLE**

**PREMIUM PRECISION
AT YOUR FINGERTIPS.**

The VIPER screen is touch-sensitive so you can control most features right onscreen. If you prefer keys, VIPER has a fully-functional keypad with programmable, lighted keys.

So easy to use

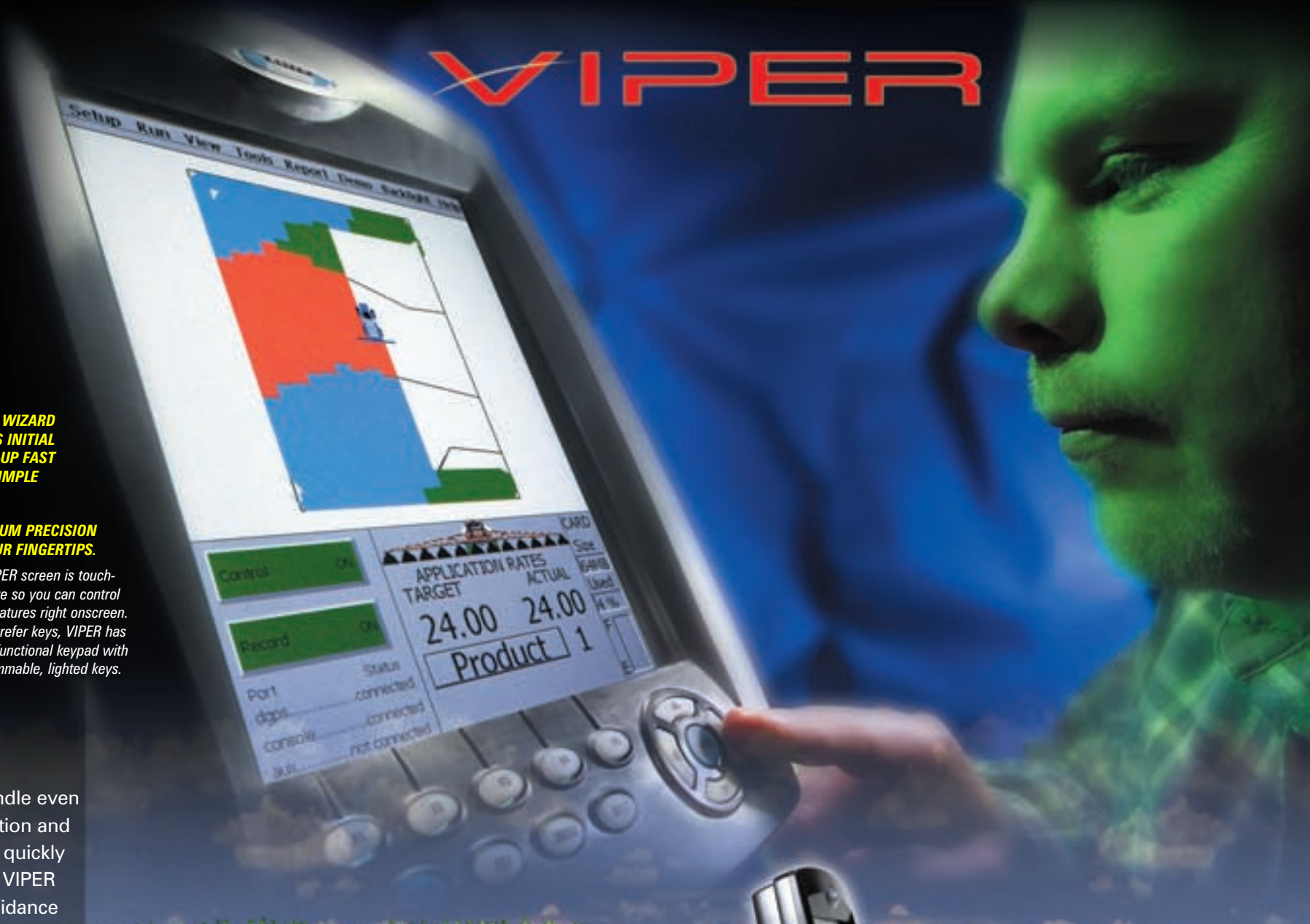
VIPER is loaded with flexibility to help you handle even the toughest application jobs. Unique application and mapping capabilities let you tackle challenges quickly and easily. With a touch-sensitive screen, the VIPER provides a flexible, visual link between any guidance system and most Raven Controllers. What's more, with the VIPER, you can now create an as-applied map on each field with the touch of a button, complete with information about rates. You can also add information on spraying conditions, products, nozzles and so on for your records. You have complete flexibility in application and mapping capabilities both now and in the future.



**Slim design and easy-access
card slot for storing and loading
valuable application information.**



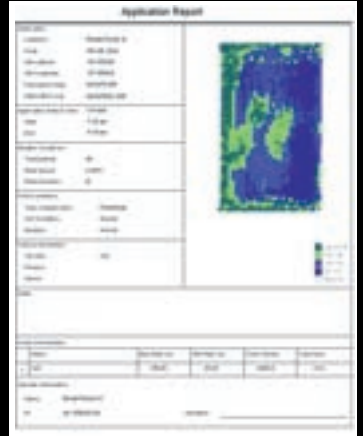
**The active matrix, transreflective
screen makes it easy for you to
see your work in direct sunlight
or low-light conditions.**



VIPER

Nothing makes it easier to track your progress through the field.

Not only can you visually track your progress, you can create a color report on each field with a touch of a button, complete with information the VIPER gathers from your controller. You can also export this report to your PC and print it without using any other mapping program.



Turn your existing Raven controllers into variable-rate controllers.

The VIPER lets you variably apply a single input according to shapefile maps from FarmWorks, SST, SGIS and other popular mapping software packages, expanding the use of your existing Raven equipment.

Automatically turns your spot-spray booms on and off.

You can make a spot-spray map, import it into the VIPER, and the unit will automatically turn the spot-spray booms on and off.

Real datalogging you can count on.

The VIPER not only shows where you've been in the field, but shows what you've actually done. Datalogging includes rate, location, and all other controller information. VIPER stores your rate and other information on a PCMCIA card in the shape-file format for use with other software packages.

Use your existing coverage maps.

You can import coverage maps of a particular field into the VIPER. Say you have to stop halfway through a field, just import the application map from that field on another day and pick up right where you left off.

Mark your waypoints in the field.

With a touch of the screen, VIPER can easily reference points of interest in the field such as rocks, weeds and trouble spots.